Tdoc SP-010575

replaces SP-010568 replaces SP-010536 replaces SP-010420

Beijing, China, September 2001

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43.046	Technical Realization of Facsimile Group 3 Service - non transparent	N3	Yes
44.004	Layer 1 - General Requirements	G2	Yes
52.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	S 5	Yes

Table B: Specs removed

24.004	Layer 1 - General Requirements	G2	Yes
42.048	Security mechanisms for the SIM Application Toolkit; Stage 1	ТЗ	Yes
52.071	Location Services (LCS); Location services management	S5	Yes
32.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	\$5	Yes

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G Specs/CRs.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked \$\mathbb{X}\$ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

5 Specifications and Reports

Specifications in the range 41.xxx to 52.xxx are 'pure' GSM specs - that is, those required to build systems with a GERAN air interface. Those in the range 21.xxx to 35.xxx are common to GSM and UMTS implementations - that is, to systems with either GERAN or UTRAN air interfaces.

The first column shows the prior Release specification number, if any, corresponding to the spec number given in the second column.

Number	Title	WG prime	For publication
21.801	3GPP drafting rules	SP	No
22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1	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	S1	Yes
22.016	International Mobile Equipment Identities (IMEI)	S1	Yes
22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3	Yes
22.024	Description of Charge Advice Information (CAI)	S1	Yes
22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1	Yes
22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	Yes
22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1	Yes
22.041	Operator Determined Call Barring	S1	Yes
22.042	Network Identity and Time Zone (NITZ), stage 1	S1	Yes
22.048	Security mechanisms for the (Universal) Subscriber Interface Module (U)SIM	T3	Yes
22.053	Application Toolkit; Stage 1 Tandem Free Operation (TFO); Service Description - Stage 1	S4	Yes
22.053	Mobile Execution Environment (MExE); Stage 1	S1	Yes
22.060		S1	
22.060	General Packet Radio Service (GPRS); Stage 1	S1	Yes
	Support of Mobile Number Portability (MNP); Stage 1		Yes
22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1	S1	Yes
22.071	Location Services (LCS); Stage 1	S1	Yes
22.072	Call Deflection (CD); Stage 1	S1	Yes
22.076	Noise suppression for the AMR codec; Service description - Stage 1	S4	Yes
22.078	CAMEL; Stage 1	S1	Yes
22.079	Support of optimal routeing; Stage 1	S1	Yes
22.081	Line Identification supplementary services; Stage 1	S1	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 1	S1	Yes
22.085	Closed User Group (CUG) supplementary services; Stage 1	S1	Yes
22.086	Advice of Charge (AoC) supplementary services; Stage 1	S1	Yes
22.087	User-to-user signalling (UUS); Stage 1	S1	Yes
22.088	Call Barring (CB) supplementary services; Stage 1	S1	Yes
22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1	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	S1	Yes
22.094	Follow Me service description - Stage 1	S1	Yes
22.096	Name identification supplementary services; Stage 1	S1	Yes
22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1	Yes
22.115	Service Aspects Charging and billing	S1	Yes
22.121	Service aspects; The Virtual Home Environment; Stage 1	S1	Yes
22.129	Handover Requirements between UMTS and GSM or other Radio Systems	S1	Yes
23.002	Network Architecture	S2	Yes
23.003	Numbering, Addressing and Identification	N4	Yes
23.007	Restoration procedures	N4	Yes
23.008	Organisation of subscriber data	N4	Yes
23.009	Handover procedures	N1	Yes
23.011	Technical realization of Supplementary Services	N4	Yes
23.012	Location management procedures	N4	Yes

23.018	23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1	Yes
23.013	23.015		N4	Yes
23.032 Universal Geographical Area Description (GAD) 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2 23.035 High Speed Circuit Switched Data (HSCSD); Stage 2 23.036 Alphabets & Language 23.037 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) 23.040 Technical realization of Short Message Service (GMS) 23.041 Technical realization of Short Message Service (GMS) 23.042 Technical realization of Short Message Service (GBS) 23.043 Technical realization of Short Message Service (GBS) 23.044 Technical realization of Short Message Service (GBS) 23.045 Security Mechanisms for SMI Toolkit Application; Stage 2 23.046 Security Mechanisms for SMI Toolkit Application; Stage 2 23.047 Security Mechanisms for SMI Toolkit Application; Stage 2 23.057 Mobile Execution Environment (MExE): Functional description; Stage 2 23.065 Support of GSM Mobile Number Portability (MNP) stage 2 23.066 Support of GSM Mobile Number Portability (MNP) stage 2 23.076 Ciphal Ciphal Stage 2 23.077 Ciphal Deflection Supplementary Service; Stage 2 23.077 Support of CSM Mobile Number Portability (MNP) stage 2 23.078 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 3 23.079 Support of Localised Service Area (SoLSA); Stage 2 23.079 Support of Optimal Routeing (SOR); Technical realization; Stage 2 23.079 Support of Optimal Routeing (SOR); Technical realization; Stage 2 23.080 Call Forwarding (CF) Supplementary Services; Stage 2 23.081 Line Identification supplementary Services; Stage 2 3.082 Call Forwarding (CF) Supplementary Service; Stage 2 3.084 Mulliparty (MPT); Supplementary Service; Stage 2 3.085 Closed User Group (CUG) Supplementary Service; Stage 2 3.084 Mulliparty (MPT); Supplementary Service; Stage 2 3.085 Closed User Group (CUG) Supplementary Service; Stage 2 3.084 Mulliparty (MPT); Supplementary Service; Stage 2 3.085 Call Service (GAC) Supplementary Service; Stage 2 3.085 Call Service (GAC) Supplementary Service; Stage 2 3.086 Supplementary Service Stage 2 3.087 Uservice Stage 3 3.087				Yes
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23.041	23.040		T2	Yes
23.042 Compression algorithm for SMS T2 Yes				Yes
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23.110 UMTS Access Stratum Services and Functions S2 Yes 23.116 Super-Charger technical realization; Stage 2 3.119 Gateway Location Register (GLR); Stage2 Multimedia Messaging Service (MMS) T2 Yes 23.210 Architectural requirements S2 Yes 23.221 Functional stage 2 description of location services S2 Yes 23.221 Functional stage 2 description of location services S2 Yes 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 23.912 UMTS Core network based ATM transport S2 Yes 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration N1 Yes 24.007 Mobile Radio Interface Signalling Layer 3 - General Aspects N1 Yes 24.010 Mobile Radio Interface Layer 3 specification; Core Network Protocols; Stage 3 N1 Yes 24.011 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices N2 Yes 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 N4 Yes 24.070 Call Deflection Supplementary Service; Stage 3 N4 Yes 24.081 Mobile radio Layer 3 Supplementary Service specification - Formats and coding N4 Yes 24.082 Call Forwarding Supplementary Service; Stage 3 N4 Yes 24.083 Mobile radio Layer 3 Supplementary Service; Stage 3 N4 Yes 24.084 Line Identification Supplementary Service; Stage 3 N4 Yes 24.085 Call Forwarding Supplementary Service; Stage 3	20.100			103
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23.119 Gateway Location Register (GLR); Stage2 3.140 Multimedia Messaging Service (MMS) T2 Yes 3.221 Architectural requirements S2 Yes 23.227 Functional stage 2 description of location services S2 Yes 23.908 Technical report on Pre-Paging Technical report on the Gateway Location Register 3.909 Technical report on Out-of-band transcoder control N4 Yes 23.911 Technical report on Super-Charger N4 Yes 23.912 Technical report on Super-Charger N4 Yes 23.925 UMTS Core network based ATM transport 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration N1 Yes 24.007 Mobile Radio Interface Signalling Layer 3 - General Aspects N1 Yes 24.010 Mobile Radio Interface Layer 3 specification; Core Network Protocols; Stage 3 N1 Yes 24.011 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices N3 Yes 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 N4 Yes 24.072 Call Deflection Supplementary Service; Stage 3 N4 Yes 24.081 Line Identification Supplementary Service; Stage 3 N4 Yes 24.082 Call Forwarding Supplementary Service; Stage 3 N4 Yes 24.083 Call Forwarding Supplementary Service; Stage 3 N4 Yes 24.084 Call Forwarding Supplementary Service; Stage 3				Yes
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23.912Technical report on Super-ChargerN4Yes23.925UMTS Core network based ATM transportS2Yes24.002GSM-UMTS Public Land Mobile Network (PLMN) Access Reference ConfigurationN1Yes24.007Mobile Radio Interface Signalling Layer 3 - General AspectsN1Yes24.008Mobile Radio Interface Layer 3 specification; Core Network Protocols; Stage 3N1Yes24.010Mobile Radio Interface Layer 3 - Supplementary Services Specification - General AspectsN4Yes24.011Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio InterfaceN1Yes24.022Radio Link Protocol (RLP) for circuit switched bearer and teleservicesN3Yes24.067Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3N4Yes24.072Call Deflection Supplementary Service; Stage 3N4Yes24.080Mobile radio Layer 3 Supplementary Service specification - Formats and codingN4Yes24.081Line Identification Supplementary Service; Stage 3N4Yes24.082Call Forwarding Supplementary Service; Stage 3N4Yes	23.909	Technical report on the Gateway Location Register	N4	Yes
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24.002GSM-UMTS Public Land Mobile Network (PLMN) Access Reference ConfigurationN1Yes24.007Mobile Radio Interface Signalling Layer 3 - General AspectsN1Yes24.008Mobile Radio Interface Layer 3 specification; Core Network Protocols; Stage 3N1Yes24.010Mobile Radio Interface Layer 3 - Supplementary Services Specification - General AspectsN4Yes24.011Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio InterfaceN1Yes24.022Radio Link Protocol (RLP) for circuit switched bearer and teleservicesN3Yes24.067Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3N4Yes24.072Call Deflection Supplementary Service; Stage 3N4Yes24.080Mobile radio Layer 3 Supplementary Service specification - Formats and codingN4Yes24.081Line Identification Supplementary Service; Stage 3N4Yes24.082Call Forwarding Supplementary Service; Stage 3N4Yes	23.912	Technical report on Super-Charger		Yes
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24.022Radio Link Protocol (RLP) for circuit switched bearer and teleservicesN3Yes24.067Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3N4Yes24.072Call Deflection Supplementary Service; Stage 3N4Yes24.080Mobile radio Layer 3 Supplementary Service specification - Formats and codingN4Yes24.081Line Identification Supplementary Service; Stage 3N4Yes24.082Call Forwarding Supplementary Service; Stage 3N4Yes	24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio	N1	Yes
24.067Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3N4Yes24.072Call Deflection Supplementary Service; Stage 3N4Yes24.080Mobile radio Layer 3 Supplementary Service specification - Formats and codingN4Yes24.081Line Identification Supplementary Service; Stage 3N4Yes24.082Call Forwarding Supplementary Service; Stage 3N4Yes	24.022		N3	Yes
24.072Call Deflection Supplementary Service; Stage 3N4Yes24.080Mobile radio Layer 3 Supplementary Service specification - Formats and codingN4Yes24.081Line Identification Supplementary Service; Stage 3N4Yes24.082Call Forwarding Supplementary Service; Stage 3N4Yes				Yes
24.080Mobile radio Layer 3 Supplementary Service specification - Formats and codingN4Yes24.081Line Identification Supplementary Service; Stage 3N4Yes24.082Call Forwarding Supplementary Service; Stage 3N4Yes				Yes
24.081Line Identification Supplementary Service; Stage 3N4Yes24.082Call Forwarding Supplementary Service; Stage 3N4Yes				Yes
24.082 Call Forwarding Supplementary Service; Stage 3 N4 Yes				Yes
				Yes
				Yes

24.084	MultiParty (MPTY) Supplementary Service; Stage 3	N4	Yes
24.085	Closed User Group (CUG) Supplementary Service; Stage 3	N4	Yes
24.086	Advice of Charge (AoC) Supplementary Service; Stage 3	N4	Yes
24.087	User-to-User Signalling (UUS); Stage 3	N4	Yes
24.088	Call Barring (CB) Supplementary Service; Stage 3	N4	Yes
24.090 24.091	Unstructured Supplementary Service Data (USSD); Stage 3	N4 N4	Yes Yes
24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3 Call Completion to Busy Subscriber (CCBS); Stage 3	N4	Yes
24.095	Name Identification Supplementary Service; Stage 3	N4	Yes
26.978	Results of the AMR noise suppression selection phase	S4	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 User Equipment (UE)	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	S4	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	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Layer 3 Specification	N1	Yes
29.060	GPRS Tunnelling protocol (GTP) across the Gn and Gp interface	N4	Yes
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) Phase 3; CAMEL Application Part (CAP) specification	N2	Yes
31.111	USIM Application Toolkit (USAT)	T3	Yes
32.311	Telecommunication management; Generic IRP management; Requirements	S5	Yes
32.401	Telecommunication management; Performance Management (PM); Concept and requirements	S5	Yes
52.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	S5	Yes
32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM	S5	Yes
32.600	Telecommunication Management; Configuration Management; 3G configuration management; Concept and main requirements	S5	Yes
32.601	Telecommunication Management; Configuration Management; Basic CM IRP: requirements	S5	Yes
32.602	Telecommunication Management; Configuration Management; Basic configuration management IRP information model	S5	Yes
32.603	Telecommunication Management; Configuration Management; Basic configuration management IRP: CORBA solution set	S5	Yes
32.621	Telecommunication Management; Configuration Management; Generic network resources IRP: requirements	S5	Yes
32.622	Telecommunication Management; Configuration Management; Generic network resources IRP: NRM	S5	Yes
32.623	Telecommunication Management; Configuration Management; Generic network resources IRP: CORBA solution set	S5	Yes

32.624	Telecommunication Management; Configuration Management; Generic network	S5	Yes
	resources: IRP CMIP solution set		
32.632	Telecommunication Management; Configuration Management; Core Network Resources IRP: NRM	S5	Yes
32.633	Telecommunication Management; Configuration Management; Core network resources IRP: CORBA solution set	S5	Yes
32.634	Telecommunication Management; Configuration Management; Core network resources IRP: CMIP solution set	S5	Yes
32.651	Telecommunication Management; Configuration Management; GERAN network resources IRP: requirements	S5	Yes
32.652	Telecommunication Management; Configuration Management; GERAN network resources IRP: NRM	S5	Yes
32.653	Telecommunication Management; Configuration Management; GERAN network resources IRP: CORBA solution set	S5	Yes
32.654	Telecommunication Management; Configuration Management; GERAN network resources IRP: CMIP solution set	S5	Yes
41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	S3	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	S3	Yes
42.017	Subscriber Identity Modules, Functional Characteristics	T3	Yes
42.019	Subscriber Identity Module Application Programming Interface (SIM API); Service description; Stage 1	T3	Yes
42.031	Fraud Information Gathering System (FIGS) Service description; Stage 1	S3	Yes
42.032	Immediate Service Termination (IST); Service description; Stage 1	S3	Yes
42.033	Lawful Interception; Stage 1	S3	Yes
42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1	Yes
42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	S1	Yes
42.068	Voice Group Call Service (VGCS); Stage 1	S1	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	N3	Yes
43.013	Discontinuous Reception (DRX) in the GSM System	G1	Yes
43.019	GSM Application Programming Interface (API) for Subscriber Interface Module (SIM) toolkit stage 2	T3	Yes
43.020	Security-related Network Functions	S3	Yes
43.022	Functions Related to Mobile Station (MS) in Idle 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
43.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3	Yes
43.033	Lawful Interception; Stage 2	S3	Yes
43.035	Immediate Service Termination (IST); Stage 2	S3	Yes
43.045	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes
43.046	Technical Realization of Facsimile Group 3 Service - non transparent	N3	Yes
43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Yes
43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2	G1	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)	S4	Yes
43.059	Functional stage 2 description of Location Services in GERAN	GP	Yes
43.063	Packet Data on Signalling channels service (PDS) Service description, Stage 2	N1	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
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	G2	Yes
	Specification Specification		

44.008	Mobile radio interface layer 3 specification	N1	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 RR part	G2	Yes
44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3	Yes
44.031	Location Services LCS RR LCS Protocol	G2	Yes
44.035	Location Services LCS Stage 3 E-OTD Enhanced Observed	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
44.063	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	N1	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) stage 3	G2	Yes
45.001	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	G1	Yes
45.005 45.008	Radio transmission and reception Radio subsystem link control	G1 G1	Yes
45.009	Link adaptation	G1	Yes Yes
45.010	Radio subsystem synchronization	G1	Yes
45.022	Radio link management in hierarchical networks	G1	Yes
45.050	Background for RF Requirements	G1	Yes
45.056	CTS-FP Radio Sub-system	G1	Yes
46.001	Full Rate Speech Processing Functions	S4	Yes
46.002	Half Rate Speech Processing Functions	S4	Yes
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	S4	Yes
46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	Yes
46.010	Full-rate speech transcoding	S4	Yes
46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	Yes
46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Yes
46.020 46.021	Half Rate Speech Transcoding Half rate speech; Substitution and muting of lost frames for half rate speech traffic	S4 S4	Yes Yes
	channels		
46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	Yes
46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Yes
46.032	Voice Activity Detection (VAD)	S4	Yes
46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4	Yes
46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	Yes
46.051	GSM Enhanced full rate speech processing functions: General description	S4 S4	Yes
46.053 46.054	ANSI-C code for the GSM Enhanced full rate speech codec Test sequences for the GSM Enhanced Full Rate (EFR)	S4 S4	Yes
46.055	Performance characterisation of the GSM EFR Speech Codec	S4	Yes Yes
46.060	Enhanced full rate speech transcoding	S4	Yes
46.061	Substitution and muting of lost frames for encanced full rate speech traffic channels	S4	Yes
46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	Yes
46.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report	S4	Yes
46.081	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels	S4	Yes
46.082	Voice Activity Detection (VAD) for encanced full rate speech traffic channels	S4	Yes
46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	S4	Yes
48.001	General Aspects on the BSS-MSC Interface	G2	Yes
70.001	Toerieral Aspects on the Bootwise Interface	U2	168

48.002	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		Yes
48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	Yes
48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes
48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	G2	Yes
48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes
48.052	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles	G2	Yes
48.054	BSC-BTS : Layer 1 Structure of Physical Circuits	G2	Yes
48.056	BSC-BTS Layer 2 Specification	G2	Yes
48.058	Base Station Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes
48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels	G2	Yes
48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G2	Yes
48.071	Location services (LCS) SMLC-BSS interface L 3	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 Extension (BSSAP-LE)	G2	Yes
50.059	Project scheduling and open issues for EDGE	G1	No
50.099	GERAN project plan and open issues	GP	No
51.010-1	Mobile Station (MS) conformance specification; Part 1: Conformance specification	G4	Yes
51.010-2	Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	G4	Yes
51.010-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G4	Yes
51.010-4	Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification	G4	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

progenitor	Number	Title Title	WG- prime	For pub-
	21.801	3GPP drafting rules	SP	Yes
	22.121	Provision of Services in UMTS - The Virtual Home Environment ; Stage 1	S1	Yes
	23.221	Architectural requirements	\$2	Yes
_	23.271	Functional stage 2 description of location services	\$2	Yes
	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
	41.102	GSM Release 4 Specifications	SP	Yes
_	26.978	Results of the AMR noise suppression selection phase	\$4	Yes
-	32.311	Telecommunication management; Generic IRP management; Requirements	\$5	Yes
-	32.401	Telecommunication management; Performance Management (PM); Concept and requirements	\$5	Yes
-	32.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	\$5	Yes
-	32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM	S5	Yes
_	32.600	Telecommunication Management; Configuration Management; 3G-configuration management; Concept and main requirements	\$5	Yes
-	32.601	Telecommunication Management; Configuration Management; Basic CM-IRP: requirements	\$5	Yes
-	32.602	Telecommunication Management; Configuration Management; Basic configuration management IRP information model	S5	Yes
-	32.603	Telecommunication Management; Configuration Management; Basic configuration management IRP: CORBA solution set	\$5	Yes
-	32.621	Telecommunication Management; Configuration Management; Generic network resources IRP: requirements	\$5	Yes
-	32.622	Telecommunication Management; Configuration Management; Generic network resources IRP: NRM	\$5	Yes
-	32.623	Telecommunication Management; Configuration Management; Generic network resources IRP: CORBA solution set	\$5	Yes
-	32.624	Telecommunication Management; Configuration Management; Generic network resources: IRP CMIP solution set	\$5	Yes
-	32.632	Telecommunication Management; Configuration Management; Core- Network Resources IRP: NRM	\$5	Yes
-	32.633	Telecommunication Management; Configuration Management; Corenetwork resources IRP: CORBA solution set	\$5	Yes
-	32.634	Telecommunication Management; Configuration Management; Corenetwork resources IRP: CMIP solution set	\$5	Yes
-	32.651	Telecommunication Management; Configuration Management; GERAN network resources IRP: requirements	\$5	Yes
-	32.652	Telecommunication Management; Configuration Management; GERAN network resources IRP: NRM	\$5	Yes
-	32.653	Telecommunication Management; Configuration Management; GERAN network resources IRP: CORBA solution set	\$5	Yes
-	32.654	Telecommunication Management; Configuration Management; GERAN network resources IRP: CMIP solution set	\$5	Yes
01.31	41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	\$3	Yes
01.33	41.033	Lawful Interception requirements for GSM	S3	Yes
01.61	41.061	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	\$3	Yes
02.01	22.001	Principles of circuit telecommunication services supported by a Public- Land Mobile Network (PLMN)	\$1	Yes
02.02	22.002	Circuit Bearer Services Supported by a PLMN	S1	Yes
02.03	22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	\$1	Yes
02.04	22.004	General on Supplementary Services	\$1	Yes

progenitor	Number	Title Title	WG- prime	For pub- lication
02.09	42.009	Security Aspects	\$3	Yes
02.11	22.011	Service accessibility	\$1	Yes
02.15	22.115	Service Aspects Charging and billing	\$1	Yes
02.16	22.016	International Mobile Equipment Identities (IMEI)	S1	Yes
02.17	42.017	Subscriber Identity Modules, Functional Characteristics	T3	Yes
02.19	42.019	Subscriber Identity Module Application Programming Interface (SIM API);	T3	Yes
02.22	22.022	Service description; Stage 1 Personalisation of GSM ME Mobile functionality specification; Stage 1	\$3	Yes
02.24	22.024	Description of Charge Advice Information (CAI)	\$ 1	Yes
02.29	22.129	Handover Requirements between UMTS and GSM or other Radio-	S1	Yes
02.30	22.030	Systems Man-Machine Interface (MMI) of the Mobile Station (MS)	\$1	Yes
02.31	42.031	Fraud Information Gathering System (FIGS) Service description ; Stage 1	S3	Yes
02.32	42.032	Immediate Service Termination (IST); Service description ; Stage 1	S3	Yes
02.33	42.033	Lawful Interception; Stage 1	S3	Yes
02.34	22.034	High Speed Circuit Switched Data (HSCSD) ; Stage 1	\$1	Yes
02.38	22.038	SIM application toolkit (SAT); Stage 1	S1	Yes
02.41	22.030	Operator Determined Call Barring	S1	
		'		Yes
02.42	22.042	Network Identity and Time Zone (NITZ), stage 1	\$1	Yes
02.43	42.043	Support of Localised Service Area (SoLSA); Stage 1	\$1	Yes
02.48	42.048	Security mechanisms for the SIM Application Toolkit; Stage 1	13	Yes
02.53	22.053	Tandem Free Operation (TFO); Service Description - Stage 1	\$ 4	Yes
02.56	42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	\$1	Yes
02.57	22.057	Mobile Station Application Execution Environment (MExE); Stage 1	\$1	Yes
02.60	22.060	General Packet Radio Service (GPRS); Stage 1	S 1	Yes
02.66	22.066	Support of Mobile Number Portability (MNP); Stage 1	S1	Yes
02.67	22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1	S1	Yes
02.68	42.068	Voice Group Call Service (VGCS) ; Stage 1	S1	Yes
02.69	42.069	Voice Broadcast Service (VBS) ; Stage 1	S1	Yes
02.71	22.071	Location Services (LCS); Stage 1	\$1	Yes
02.72	22.072	Call Deflection (CD); Stage 1	\$1	Yes
02.76	22.076	Noise Suppression for the AMR	S 4	Yes
02.78	22.078	CAMEL; Stage 1	S1	Yes
02.79	22.079	Support of Optimal Routing; Stage 1	\$1	Yes
02.81	22.081	Line Identification Supplementary Services; Stage 1	\$1	Yes
02.82	22.082	Call Forwarding (CF) Supplementary Services; Stage 1	\$1	Yes
02.83	22.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage-1	\$1	Yes
02.84	22.084	MultiParty (MPTY) Supplementary Service; Stage 1	S1	Yes
02.85	22.085	Closed User Group (CUG) Supplementary Services; Stage 1	S 1	Yes
02.86	22.086	Advice of Charge (AoC) Supplementary Services; Stage 1	\$1	Yes
02.87	22.087	User-to-user signalling (UUS); Stage 1	S1	Yes
02.88	22.088	Call Barring (CB) Supplementary Services; Stage 1	S1	Yes
02.90	22.090	Unstructured Supplementary Service Data (USSD); Stage 1	\$ 1	Yes
02.91	22.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 1	\$1	Yes
02.93	22.093	Call Completion to Busy Subscriber (CCBS); Stage 1	\$1	Yes
02.94	22.094	Follow Me Stage 1	S1	Yes
02.96	22.094	Calling Name Presentation (CNAP); Stage 1 (T1P1)	S1	Yes
		Multiple Subscriber Profile (MSP); Stage 1		
02.97	22.097	1 1 2	\$1	Yes
03.02	23.002	Network Architecture	\$2	Yes
03.03	23.003	Numbering, Addressing and Identification	N4	Yes
03.05	43.005	Technical performance objectives	NP.	Yes
03.07	23.007	Restoration procedures	N4	Yes
03.08	23.008	Organisation of subscriber data	N4	Yes

1,000,000,000,000,000,000,000,000,000,0	progenitor	Number	Title	WG- prime	For pub- lication
03.10	03.08	23.108	Mobile Radio Interface Layer 3 specification Core Network Protocols- stage 2 (structured procedures)	N1	Yes
93.14 23.011 Technical Recilia Network (PLMN) Connection Types N3 Yes 93.14 23.011 Technical Recilization of Supplementary Services—General Aspects N4 Yes 93.15 23.012 Lecation management procedures N4 Yes 93.16 23.013 24.013 Discontinuous Reception (DRX) in the GSM-System GP Yes 93.16 23.014 Support of Dual-Time Multi-Frequency (DTMF) signaling N1 Yes 93.16 23.015 Subscriber data management Stage 2 N4 Yes 93.16 23.015 Subscriber data management Stage 2 N4 Yes 93.18 23.018 Bacis Call Handling - Technical realisation N4 Yes 93.19 43.019 Sacial Handling - Technical realisation N4 Yes 93.19 43.019 Sacial Handling - Technical realisation N4 Yes 93.20 43.020 Security-related Network Functione 93.20 43.020 Security-related Network Functione 93.20 43.022 Functione Related to Mobile Station (MS) in Idle Mode G1 Yes 93.20 43.022 Security-related Network Functione 93.21 43.022 Security-related Network Function 93.22 23.032 Sacial Handling Aspects GP Yes 93.31 43.031 Fraud Information Gatharing System (FIGS): Service description; Stage 2 Yes 93.33 43.033 Lewful Information Gatharing System (FIGS): Service description; Stage 2 Yes 93.34 23.034 National Station of Stage 2 N4 Yes 93.35 43.035 Interface Proteocle for the Connection of Short Message Service Centers 93.36 23.039 Interface Proteocle for the Connection of Short Message Service Centers 93.40 23.044 Aphabets & Language T2 Yes 93.40 23.044 Aphabets & Language T2 Yes 93.41 23.041 Technical Realization of Cell Broadcast Service Temperature T2 Yes 93.40 23.044 Aphabets & Language T2 Yes 93.41 23.041 Technical Realization of Cell Broadcast Service Temperature T2 Yes 93.42 23.043 Technical Realization of Cell Broadcast Service Temperature T2 Yes 93.44 23.045 Tech	03.09	23.009	Handover procedures	N1	Yes
19.3.11 23.0.11 Technical Realization of Supplementary Services — General Aspects N4 Yes 19.3.12 23.0.13 Location management procedures N4 Yes 19.3.13 23.0.14 Support of Dual Tone Multi-Frequency (DTMF) signalling N1 Yes 19.3.15 23.0.15 Support of Dual Tone Multi-Frequency (DTMF) signalling N1 Yes 19.3.16 23.0.16 Support of Dual Tone Multi-Frequency (DTMF) signalling N1 Yes 19.3.16 23.0.16 Subscriber data management - Stage 2 N4 Yes 19.3.16 23.116 Super Charger - Stage 2 N4 Yes 19.3.18 23.0.18 Sasic Call Handling - Technical realisation N4 Yes 19.3.19 23.119 Getway Location Register (GLR) - Stage 2 N4 Yes 19.3.19 43.0.19 GSM-API for SMI toolkit stage 2 T3 Yes 19.3.20 43.0.22 Sacurity related Network Functions S3 Yes 19.3.21 43.0.31 Fauld Information Gathering System (FIGS); Sarvice description; Stage 2 Yes 19.3.31 43.0.31 Fauld Information Gathering System (FIGS); Sarvice description; Stage 2 S3 Yes 19.3.32 43.0.33 Viniversal Geographical Area Description (GAD) S2 Yes 19.3.33 43.0.34 High Speed Circuit Switched Data (HSCSD) - Stage 2 N4 Yes 19.3.34 23.0.35 Alphabets & Language Interface Protocols for the Connection of Short-Message-Service Centere Yes 19.3.40 23.0.40 Yes Technical Teclsistion of Short Message Service T2 Yes 19.3.41 23.0.41 Technical Teclsistion of Short Message Service - Transparent N3 Yes 19.3.42 23.0.43 Technical Teclsistion of Short Message Service - Transparent N3 Yes 19.3.43 23.0.45 Technical Teclsistion of Short Message Service - Transparent N3 Yes 19.3.44 23.0.45 Technical Teclsistion of Short Message Service - Transparent N3 Yes 19.3.45 23.0.45 Technical Teclsistion of Cell	03.10	23.110	UMTS Access Stratum Services and Functions	\$2	Yes
19.412 23.014 Location management procedures	03.10	43.010	GSM Public Land Mobile Network (PLMN) Connection Types	N3	Yes
19.412 23.014 Location management procedures	03.11	23.011	Technical Realization of Supplementary Services - General Aspects	N4	Yes
03.14 23.014 Discontinuous Reception (DRX) in the GSM System GR Yee 03.14 23.014 Support of Dual Tone Multi-Frequency (DTMF) signalling N1 Yee 03.16 23.016 Technical realisation of Operator Determined Barring (ODB) N4 Yee 03.16 23.018 Subscriber data management - Stage 2 N4 Yee 03.18 23.018 Basic Call Handling - Technical realisation N4 Yee 03.19 23.019 GSM-Plor SIM toolist stage 2 N4 Yee 03.19 23.019 GSM-Plor SIM toolist stage 2 T3 Yee 03.20 140.02 Security related Network Functions S3 Yee 03.21 140.02 Security related Network Planning Aspects GF Yee 03.22 140.020 Radio Network Planning Aspects GF Yee 03.30 140.030 Radio Network Planning Aspects GF Yee 03.31 140.31 Freut Information Cathering System (FIGS): Service description; Stage 2 Yee 03.32 140.33	03.12	23.012		N4	Yes
03.14 23.045 Support of Dual Tone Multi-Requency (DTMP) eignatiling N.1 Yes 03.16 23.046 Subseriber deals-management-Stage 2 N.4 Yes 03.16 23.046 Subseriber data-management-Stage 2 N.4 Yes 03.18 23.048 Subser Charger - Stage 2 N.4 Yes 03.19 23.140 Super Charger - Stage 2 N.4 Yes 03.19 23.141 Gateway Lecation Register (GLR) - Stage 2 N.4 Yes 03.19 43.049 GSM-API-for SiM-toolkit stage 2 73 Yes 03.20 43.029 Security-related Network Functions S3 Yes 03.22 43.022 Functions Related to Mobile Station (MS) in Idle Mode G1 Yes 03.22 43.022 Functions Related to Mobile Station (MS) in Idle Mode G1 Yes 03.32 43.032 Raio Metwork Planning Appets GP Yes 03.33 43.031 Fraud Information Gathering System (FIGS): Service description; Stage 2 S3 Yes 03.34 43.031	03.13	43.013		GP	Yes
03.16 23.016 Technical realisation of Operator Determined Barring (ODB) N4 Yes 03.16 23.016 Subscriber data management, Stage 2 N4 Yes 03.18 23.141 Super Charger - Stage 2 N4 Yes 03.19 23.119 Gatewey Lecation Register (GLR) : Stage 2 N4 Yes 03.19 43.019 GSM API for SIM toolkit stage 2 T3 Yes 03.20 143.020 Security related Network Functions S3 Yes 03.22 43.022 Functions Related to Mebile Station (MS) in Idle Mode G1 Yes 03.22 43.030 Radio Network Planning Aspects GP Yes 03.31 143.031 Frauch Information Galbering System (FIGS): Service description; Stage 2 S3 Yes 03.32 23.032 Universal Geographical Area Description (GAD) S2 Yes 03.33 140.033 Lawful Inforeciption - Stage 2 S3 Yes 03.34 24.033 Lawful Information Galbering Galberi	03.14	23.014		N1	Yes
03.16	03.15		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N4	Yes
03.14					
03.18 Basic Call Handling - Technical realisation N.4 Yes 03.19 23.119 Cateway Location Register (GLR) : Stage2 N.4 Yes 03.20 43.040 SMAPI for SMI toolkit stage 2 T.3 Yes 03.20 43.020 Security-related Network Functions S.3 Yes 03.22 43.022 Functions Related to Mebile Station (MS) in Idle Mode GT Yes 03.22 43.022 Functions Related to Mebile Station (MS) in Idle Mode GT Yes 03.30 43.030 Radio-Network Planning Aspects GP Yes 03.31 43.031 Fraud Information Cathering System (FIGS): Service description; Stage 2 S3 Yes 03.32 43.032 Layouz Land Information Cathering System (FIGS): Service description; Stage 2 N4 Yes 03.33 43.033 Lawful Interception : Stage 2 N4 Yes 03.34 23.034 High-Speed Circuit Switched Data (HSCSP) - Stage 2 N4 Yes 03.35 43.035 Interface Technical realization of Sale (HSCSP) - Stage 2 N4 Yes <td></td> <td></td> <td></td> <td></td> <td></td>					
03.19				N4	Yes
03.40			<u> </u>		
03.20 43.020 Security-related Network Functions \$3 Yee 03.22 43.022 Functions Related to Mobile Station (MS) in Idle Mode G4 Yee 03.24 43.026 Milbland operation of GSMDCS 1800 by a single operator GP Yee 03.30 43.031 Fraud Information Gathering System (FIGS): Service description; Stage 2 \$3 Yee 03.31 43.031 Liniversal Geographical Area Description (GAD) \$2 Yee 03.32 23.032 Liniversal Geographical Area Description (GAD) \$2 Yee 03.33 43.033 Lawful Interception; Stage 2 \$3 Yee 03.34 23.033 Laybaste & Language \$3 Yee 03.35 43.035 Immediate Service Termination (IST): Stage 2 \$3 Yee 03.39 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) \$2 Yee 03.40 23.040 Technical realization of Message Service \$2 Yee 03.41 23.041 Technical Realization of Cell Broadcast Service					
03-22 43-022 Functions-Related to-Mobile-Station (MS) in Idle Mode G4 Yee 03-26 43-026 Multiband-operation of GSM/DCS-1800 by a single-operator GP Yee 03-30 43-030 Raido Network, Planning Aspects GP Yes 03-31 43-031 Fraud Information Gathering-System (FIGS); Service description; Stage 2 S3 Yee 03-32 23-032 Universal Geographical Area Description (GAD) S2 Yee 03-33 43-031 High-Speed Circuit Switched Data (HSCSD); Stage 2 N1 Yee 03-34 23-034 High-Speed Circuit Switched Data (HSCSD); Stage 2 N1 Yee 03-35 43-035 Immediate Service Termination (IST); Stage 2 N1 Yee 03-38 23-038 Alphabets & Language T2 Yee 03-40 23-040 Technical realization of Short Message Service T2 Yee 03-40 23-040 Technical realization of Cell Broadcast Service T2 Yee 03-41 23-041 Multimedia Messaging Service (MMS) T2 Yee					
03.26 43.026 Multiband operation of GSM/DCS 1800 by a single operator GP Yes 03.30 43.030 Radio Network Planning Aspects GP Yes 03.31 43.031 Fraud Information Gathering System (FIGS); Service description; Stage 2 S3 Yes 03.32 23.032 Universal Geographical Area Description (GAD) \$2 Yes 03.34 23.032 Ligh Speed Circuit Switched Data (HSCSD); Stage 2 N1 Yes 03.34 23.035 High Speed Circuit Switched Data (HSCSD); Stage 2 N1 Yes 03.35 43.035 Immediate Service Termination (IST); Stage 2 \$3 Yes 03.38 23.038 Alphabets & Language F2 Yes 03.39 23.038 Alphabets & Language F2 Yes 03.40 23.040 Technical realisation of Short Message Service F2 Yes 03.40 23.041 Technical Realization of Service (MMS) F2 Yes 03.41 23.041 Technical Realization of Faceimile Group 3 Service transparent N3 Yes			·		
03.30 43.030 Radio-Network-Planning Aspects GP Yes 03.31 43.031 Fraud-Information Gathering System (FIGS), Service description; Stage 2 3 Yes 03.32 23.032 Universal Geographical Area Description (GAD) \$2 Yes 03.33 43.033 Lawful Interception; Stage 2 \$3 Yes 03.34 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2 \$1 Yes 03.35 43.035 Immediate Service Principle (HMS) \$2 Yes 03.38 23.038 Alphabets & Language \$12 Yes 03.39 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Service (MES) \$2 Yes 03.40 23.040 Technical Realization of Cell Broadcast Service \$2 Yes 03.41 23.041 Technical Realization of Facsimile Group 3 Service - transparent \$3 Yes 03.42 23.042 Compression algorithm for SMS \$2 Yes 03.43 23.043 Transmission Planning Aspects of the Speech Service in the GSM Public					
03.31 43.031 Fraud Information Gathering System (FIGS); Service description; Stage 2 32 Yes 03.32 23.032 Universal Geographical Area Description (GAD) S2 Yes 03.34 43.033 Lawful Interception; Stage 2 N4 Yes 03.34 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2 N4 Yes 03.35 43.035 Immediate Service Termination (IST); Stage 2 S3 Yes 03.39 23.038 Alphabets & Language T2 Yes 03.39 1 Interface Protocols for the Connection of Short Message Service Centers; (SMSC); to Short Message Entitites (SMEs) T2 Yes 03.40 23.040 Technical realisation of Factorical (MMS) T2 Yes 03.41 23.041 Technical Realization of Cell Broadcast Service T2 Yes 03.42 23.042 Compression algorithm for SMS T2 Yes 03.43 43.045 Technical Realization of Faccimile Group 3 Service - transparent N3 Yes 03.44 23.048 Security Mechanisms for SIM Teolkit Application; Stage 2 <					
03.32 23.032 Universal Geographical Area Description (GAD) \$2 Yes 03.33 43.033 Lawful Interception ; Stage 2 \$3 Yes 03.34 23.034 High-Speed Circuit Switched Data (HSCSD) ; Stage 2 N1 Yes 03.35 143.035 Immediate Service Termination (IST); Stage 2 \$3 Yes 03.38 23.038 Alphabets & Language \$2 Yes 03.40 23.040 Technical realisation of Short Message Service \$2 Yes 03.40 23.040 Technical realisation of Short Message Service \$2 Yes 03.41 23.041 Multimedia Messaging Service (IMMS) \$2 Yes 03.42 23.042 Compression algorithm for SMS \$12 Yes 03.43 43.045 Technical Realization of Cell Broadcast Service - transparent N3 Yes 03.44 23.044 Technical Realization Alfolish New Yes \$2 Yes 03.45 43.045 Technical Realization Alfolish Service of the Speech Service - transparent N3 Yes 03.5					
93-33 43-033 Lawful Interception ; Stage 2 S3 Yes 93-34 23-034 High Speed Circuit Switched Data (HSCSD) ; Stage 2 N4 Yes 93-35 43-035 Immediate Service Termination (IST); Stage 2 S3 Yes 93-38 23-038 Alphabete & Language T2 Yes 93-39 23-039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) T2 Yes 93-40 23-040 Technical realization of Short Message Service T2 Yes 93-41 23-041 Multimedia Messaging Service (MMS) T2 Yes 93-42 23-042 Compression algarithm for SMS T2 Yes 93-43 43-045 Technical Realization of Faccimile Group 3 Service - transparent N3 Yes 93-48 23-048 Security Meschanisms for SIM Toolkit Application ; Stage 2 T3 Yes 93-50 43-050 Fransmission Planning Aspects of the Speech Service in the GSM Public Yes 93-51 43-051 GSMEDGE Radio Access Network (GERAN) overall description; Stage 2<					
93.34 23.034 High Speed Circuit Switched Data (HSCSD) ; Stage 2 N4 Yes 93.35 43.035 Immediate Service Termination (IST); Stage 2 S3 Yes 93.38 23.038 Alphabets & Language T2 Yes 93.39 23.030 Interface Proteople for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) T2 Yes 93.40 23.040 Technical realization of Short Message Service T2 Yes 93.41 Multimedia Messaging Service (MMS) T2 Yes 93.42 23.041 Technical Realization of Cell Broadcast Service T2 Yes 93.42 23.042 Compression algorithm for SMS T2 Yes 93.45 43.045 Technical Realization of Fassimile Group 3 Service - transparent N3 Yes 93.48 23.0448 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System Yes Yes 93.51 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2 G4 Yes 93.52 43.053 Tandem F			3 1 1 7		
03.35 43.035 Immediate Service Termination (IST); Stage 2 S3 Yes 03.38 23.038 Alphabets & Language T2 Yes 03.39 23.039 Interface Protectels for the Connection of Short Message Service T2 Yes 03.40 23.040 Technical realisation of Short Message Service T2 Yes 03.40 23.440 Multimedia Messaging Service (MMS) T2 Yes 03.41 23.041 Technical Realization of Cell Broadcast Service T2 Yes 03.42 23.042 Compression algorithm for SMS T2 Yes 03.45 43.045 Technical Realization of Facsimile Group 3 Service - transparent N3 Yes 03.48 23.048 Security Mechanisms for SIM Toolkit Application; Stage 2 T3 Yes 03.50 43.050 Transmission Planning Aspects of the Speech Service in the GSM Public. S4 Yes 03.51 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2 G1 Yes 03.52 43.052 Lewer Jayers of the GSM Cordiess Telephony System (CTS) radio interface; Stage					
03.38 23.038 Alphabets & Language T2 Yes 03.39 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) T2 Yes 03.40 23.040 Technical realization of Short Message Service T2 Yes 03.40 23.140 Multimedia Messaging Service (MMS) T2 Yes 03.41 23.041 Technical Realization of Cell Broadcast Service T2 Yes 03.42 23.042 Compression algorithm for SMS T2 Yes 03.45 43.045 Technical Realization of Fassimile Group 3 Service - transparent N3 Yes 03.48 Security Mechanisms for SIM Toolkit Application ; Stage 2 T3 Yes 03.50 43.050 Transmission Planning Aspects of the Speach Service in the GSM Public S4 Yes 03.51 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2 G4 Yes 03.52 43.052 Euwer Layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2 S4 Yes 03.53 Tandem Free Operation (TFO); Service descr					
03.39 23.039 Interface Protecols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) T2 Yes 03.40 23.040 Technical realisation of Short Message Service T2 Yes 03.41 23.041 Multimedia Messaging Service (MMS) T2 Yes 03.42 23.042 Compression algorithm for SMS T2 Yes 03.45 43.045 Technical Realization of Facsimile Group 3 Service - transparent N3 Yes 03.48 Security Mechanisms for SIM Toolkit Application ; Stage 2 T3 Yes 03.50 43.051 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Natwork (PLMN) System Stage 2 43.051 Yes 03.51 43.051 GSW/EDGE Radio Access Network (GERAN) overall description; Stage 2 G1 Yes 03.52 43.052 Lower Jayers of the GSM Cordless Telephony System (CTS) radio-interface; Stage 2 G2 Yes 03.53 23.053 Tandem Free Operation (TFO); Service description; Stage 2 S4 Yes 03.54 43.055 Dual Transfer Mode (DTM); Stage 2 G1 Ye					
(SMSCs) to Short Message Entities (SMEs)					
03.40 23.140 Multimedia Messaging Service (MMS) T2 Yes 03.41 23.041 Technical Realization of Cell Broadcast Service T2 Yes 03.42 23.042 Compression algorithm for SMS T2 Yes 03.45 43.045 Technical Realization of Facsimile Group 3 Service—transparent N3 Yes 03.48 Security Mechanisms for SIM Toolkit Application; Stage 2 T3 Yes 03.50 43.050 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System S4 Yes 03.51 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2 G4 Yes 03.52 43.052 Lewer layers of the GSM Cordless Telephony System (CTS) radio-interface; Stage 2 G4 Yes 03.53 23.053 Tandem Free Operation (TFO); Service description; Stage 2 S4 Yes 03.54 43.054 Dual Transfer Mode (DTM); Stage 2 G4 Yes 03.57 23.057 Mobile Station Application Execution Environment (MExE) T2 Yes 03.59 43.058 Cha			(SMSCs) to Short Message Entities (SMEs)		
03.41 23.041 Technical Realization of Cell Broadcast Service T2 Yes 03.42 23.042 Compression algorithm for SMS T2 Yes 03.45 43.045 Technical Realization of Facsimile Group 3 Service - transparent N3 Yes 03.48 23.048 Security Mechanisms for SIM Toolkit Application; Stage 2 T3 Yes 03.50 43.050 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Natwork (PLMN) System S4 Yes 03.51 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2 G1 Yes 03.52 43.052 Lewer layers of the GSM Cordless Telephony System (CTS) radio-interface; Stage 2 G4 Yes 03.53 23.053 Tandem Free Operation (TFO); Service description; Stage 2 S4 Yes 03.54 43.055 Dual Transfer Mode (DTM); Stage 2 G4 Yes 03.55 23.057 Mobile Station Application Execution Environment (MExE) T2 Yes 03.58 43.058 Characterisation, test methods and quality assessment for handsfree S4 Yes	03.40	23.040	Technical realisation of Short Message Service	T2	Yes
03.42 23.042 Compression algorithm for SMS T2 Yes 03.45 43.045 Technical Realization of Facsimile Group 3 Service—transparent N3 Yes 03.48 Security Mechanisms for SIM Toelkit Application; Stage 2 T3 Yes 03.50 43.050 Transmission Planning Aspects of the Speech Service in the GSM Public-Land Mobile Network (PLMN) System S4 Yes 03.51 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2 G1 Yes 03.52 43.051 Cower layers of the GSM Cordless Telephony System (CTS) radio-interface; Stage 2 G2 Yes 03.53 23.052 Lower layers of the GSM Cordless Telephony System (CTS) radio-interface; Stage 2 G4 Yes 03.53 23.052 Tandem Free Operation (TFO); Service description; Stage 2 S4 Yes 03.54 43.055 Dual Transfer Mode (DTM); Stage 2 G1 Yes 03.55 43.056 Dual Transfer Mode (DTM); Stage 2 G1 Yes 03.57 23.057 Mobile Station Application Execution Environment (MExE) T2 Yes 03.59	03.40	23.140		T2	Yes
03.45 43.045 Technical Realization of Facsimile Group 3 Service - transparent N3 Yes 03.48 Security Mechanisms for SIM Toolkit Application; Stage 2 T3 Yes 03.50 43.050 Transmission Planning Aspects of the Speech Service in the GSM Public. Land Mobile Network (PLMN) System Yes 03.51 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2 G1 Yes 03.52 43.052 Lower layers of the GSM Cordless Telephony System (CTS) radio-interface; Stage 2 G4 Yes 03.53 23.053 Tandem Free Operation (TFO); Service description; Stage 2 G4 Yes 03.54 43.055 Dual Transfer Mode (DTM); Stage 2 G4 Yes 03.55 43.056 Dual Transfer Mode (DTM); Stage 2 G4 Yes 03.57 23.057 Mobile Station Application Execution Environment (MExE) T2 Yes 03.58 43.058 Characterisation, test methods and quality assessment for handsfree-Mobile Stations (MSs) Yes 03.69 43.059 Location services (LCS) GERAN; Stage 2 GP Yes 03.60 23.060 General Packet Radio Service (GPRS) Service description; Stage 2 Yes	03.41	23.041		T2	Yes
03.48 23.048 Security Mechanisms for SIM Toolkit Application; Stage 2 T3 Yes 03.50 43.050 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System S4 Yes 03.51 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2 G1 Yes 03.52 43.052 Lewer layers of the GSM Cordless Telephony System (CTS) radio-interface; Stage 2 G2 Yes 03.53 23.053 Tandem Free Operation (TFO); Service description; Stage 2 S4 Yes 03.54 43.055 Dual Transfer Mode (DTM); Stage 2 G4 Yes 03.57 23.057 Mobile Station Application Execution Environment (MExE) T2 Yes 03.58 43.058 Characterisation, test methods and quality assessment for handsfree-Mobile Stations (MSs) S4 Yes 03.59 43.059 Location services (LCS) GERAN; Stage 2 GP Yes 03.60 23.060 General Packet Radio Service (GPRS) Service description; Stage 2 Yes 03.61 43.061 Overall description of the GPRS radio interface; Stage 2 G1 Yes	03.42	23.042	Compression algorithm for SMS	T2	Yes
23.048 03.50	03.45	43.045	Technical Realization of Facsimile Group 3 Service - transparent	N3	Yes
Land Mobile Network (PLMN) System 03.51 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2 G1 Yes 03.52 43.052 Lower layers of the GSM Cordless Telephony System (CTS) radio- interface; Stage 2 03.53 23.053 Tandem Free Operation (TFO); Service description; Stage 2 S4 Yes 03.55 43.055 Dual Transfer Mode (DTM); Stage 2 G1 Yes 03.57 23.057 Mobile Station Application Execution Environment (MExE) T2 Yes 03.58 43.058 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs) 03.59 43.058 Location services (LCS) GERAN; Stage 2 03.60 23.060 General Packet Radio Service (GPRS) Service description; Stage 2 03.63 43.063 Packet Data on Signalling channels service (PDS) Service description, Stage 2 03.64 43.064 Overall description of the GPRS radio interface; Stage 2 03.65 23.066 Support of GSM Mobile Number Portability (MNP) stage 2 03.67 23.067 Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2 03.68 43.068 Voice Group Call Service (VGCS); Stage 2 03.69 43.069 Voice Breadcast service (VBS); Stage 2 03.72 23.072 Call Deflection Supplementary Service; Stage 2 03.73 Support of Localised Service Area (SoLSA); Stage 2	03.48	23.048	Security Mechanisms for SIM Toolkit Application ; Stage 2	T3	Yes
03.5143.051GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2G1Yes03.5243.052Lower layers of the GSM Cordless Telephony System (CTS) radio-interface; Stage 2GPYes03.5323.063Tandem Free Operation (TFO); Service description; Stage 2S4Yes03.5543.055Dual Transfer Mode (DTM); Stage 2G1Yes03.5723.057Mobile Station Application Execution Environment (MExE)T2Yes03.5843.058Characterisation, test methods and quality assessment for handsfree-Mobile Stations (MSs)S4Yes03.5943.059Lecation services (LCS) GERAN; Stage 2GPYes03.6023.060General Packet Radio Service (GPRS) Service description; Stage 2S2Yes03.6343.063Packet Data on Signalling channels service (PDS) Service description, Stage 2N1Yes03.6443.064Overall description of the GPRS radio interface; Stage 2G1Yes03.6623.066Support of GSM Mobile Number Portability (MNP) stage 2N4Yes03.6723.067Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2N4Yes03.6843.068Voice Group Call Service (VGCS); Stage 2N1Yes03.7223.072Call Deflection Supplementary Service ; Stage 2N4Yes03.7323.073Support of Localised Service Area (SoLSA); Stage 2N4Yes	03.50	43.050		\$ 4	Yes
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03.72 23.072 Call Deflection Supplementary Service ; Stage 2 N4 Yes 03.73 23.073 Support of Localised Service Area (SoLSA) ; Stage 2 N4 Yes	03.68	43.068		N1	Yes
03.7223.072Call Deflection Supplementary Service ; Stage 2N4Yes03.7323.073Support of Localised Service Area (SoLSA) ; Stage 2N4Yes	03.69	43.069	Voice Broadcast service (VBS); Stage 2	N1	Yes
03.73 Support of Localised Service Area (SoLSA); Stage 2 N4 Yes			· · · · · · · · · · · · · · · · · · ·		
	03.78		Customised Applications for Mobile network Enhanced Logic (CAMEL)		

progenitor A	Number	Title Title	WG- prime	For pub-
		Phase 3 - Stage 2		
03.79	23.079	Support of Optimal Routeing - Phase 1 ; Stage 2	N 4	Yes
03.81 2	23.081	Line Identification Supplementary Services ; Stage 2	N4	Yes
03.82 2	23.082	Call Forwarding (CF) Supplementary Services ; Stage 2	N4	Yes
03.83	23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service ; Stage-2	N4	Yes
03.84	23.084	MultiParty (MPTY) Supplementary Service ; Stage 2	N4	Yes
03.85	2 3.085	Closed User Group (CUG) Supplementary Service ; Stage 2	N4	Yes
03.86 2	23.086	Advice of Charge (AoC) Supplementary Service ; Stage 2	N4	Yes
03.87 2	23.087	User-to-User Signalling (UUS) ; 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	Call Completion 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); Stage 2	N4	Yes
	14.001	Mobile Station - Base Station System (MS - BSS) Interface General-	N1	Yes
		Aspects and Principles		
	24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Yes
04.03	14.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Yes
04.04 2	24.004	Layer 1 - General Requirements	G2	Yes
04.05 4	4.005	Data Link (DL) Layer General Aspects	G2	Yes
04.06 4	4.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Yes
04.07 2	2 4.007	Mobile Radio Interface Signalling Layer 3 - General Aspects	N1	Yes
	24.008	Mobile Radio Interface Layer 3 specification; Core Network Protocols; Stage 3	N1	Yes
04.08 4	4.008	Mobile radio interface layer 3 specification	N1	Yes
	24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Yes
04.11 2	24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Yes
04.12 4	14 .012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile	G2	Yes
04.13 4	14.013	Radio Interface Performance Requirements on Mobile Radio Interface	N1	Yes
	4.014	Individual equipment type requirements and interworking; Special	G2	Yes
4	- 1.0 1/1	conformance testing functions	92	100
04.18 4	4.018	Mobile Radio Interface - Layer 3 Specification RR part	G2	Yes
	4.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS)	N3	Yes
		Interface		
04.22 2	24. <u>022</u>	Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching-Centre (BSS-MSC) Interface	N3	Yes
04.31 4	4.031	Location Services LCS RR LCS Protocol	G2	Yes
	4.035	Location Services LCS Stage 3 E-OTD Enhanced Observed	G2	Yes
	4.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface-	N1	Yes
		Layer 3 Specification		
04.57 4	4.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS- supervising system Layer 3 Specification	N1	Yes
04.60 4	4.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base- Station System (BSS) interface; Radio Link Control/ Medium Access- Centrol (RLC/MAC) protocol	G2	Yes
04.63 4	14.063	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	N1	Yes
		Table 1	1	1
04.64 4	4.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link- Control (LLC) Layer - Specification	N1	Yes

progenitor	Number	Title	WG- prime	For pub- lication
		Dependent Convergence Protocol (SNDCP)		
04.67	24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	Yes
04.68	44.068	Group Call Control (GCC) Protocol	N1	Yes
04.69	44.069	Broadcast Call Control (BCC) protocol	N1	Yes
04.71	44.071	Location services (LCS) stage 3	G2	Yes
04.72	24.072	Call Deflection Supplementary Service ; Stage 3	N4	Yes
04.80	24.080	Mobile radio Layer 3 Supplementary Service specification - Formats and coding	N4	Yes
04.81	24.081	Line Identification Supplementary Service ; Stage 3	N 4	Yes
04.82	24.082	Call Forwarding Supplementary Service ; Stage 3	N 4	Yes
04.83	24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage-3	N4	Yes
04.84	24.084	MultiParty (MPTY) Supplementary Service ; Stage 3	N 4	Yes
04.85	24.085	Closed User Group (CUG) Supplementary Service ; Stage 3	N 4	Yes
04.86	24.086	Advice of Charge (AoC) Supplementary Service ; Stage 3	N 4	Yes
04.87	24.087	User-to-User Signalling (UUS) ; Stage 3	N 4	Yes
04.88	24.088	Call Barring (CB) Supplementary Service ; Stage 3	N 4	Yes
04.90	24.090	Unstructured Supplementary Service Data (USSD); Stage 3	N 4	Yes
04.91	24.091	Explicit Call Transfer (ECT) Supplementary Service ; Stage 3	N 4	Yes
04.93	24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	N 4	Yes
04.96	24.096	Name Identification Supplementary Service ; Stage 3	N 4	Yes
05.01	45.001	Physical Layer on the Radio Path (General Description)	G1	Yes
05.02	45.002	Multiplexing and Multiple Access on the Radio Path	G1	Yes
05.03	45.003	Channel coding	G 1	Yes
05.05	45.005	Radio transmission and reception	G1	Yes
05.08	45.008	Radio subsystem link control	G1	Yes
05.09	45.009	Link adaptation	G1	Yes
05.10	45.010	Radio subsystem synchronization	G1	Yes
05.22	45.022	Radio link management in hierarchical networks	GP	Yes
05.50	45.050	Background for RF Requirements	GP	Yes
05.56	45.056	CTS-FP Radio Sub-system	GP	Yes
06.01	46.001	Full Rate Speech Processing Functions	\$ 4	Yes
06.02	46.002	Half Rate Speech Processing Functions	\$ 4	Yes
06.06	46.006	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	\$ 4	Yes
06.07	46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	\$4	Yes
06.08	46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate- speech codec	\$ 4	Yes
06.10	46.010	Full Rate Speech Transcoding	\$ 4	Yes
06.11	46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels	\$4	Yes
06.12	46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels	\$4	Yes
06.20	46.020	Half Rate Speech Transcoding	S4	Yes
06.21	46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S 4	Yes
06.22	46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	Yes
06.31	46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	\$ 4	Yes
06.32	46.032	Voice Activity Detection (VAD)	\$ 4	Yes
06.41	46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	\$ 4	Yes
06.42	46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	Yes
06.51	46.051	GSM Enhanced full rate speech processing functions: General description	\$ 4	Yes
06.53	46.053	ANSI-C code for the GSM Enhanced full rate speech codec	S 4	Yes
06.54	46.054	Test sequences for the GSM Enhanced Full Rate (EFR)	\$ 4	Yes
06.55	46.055	Performance characterisation of the GSM EFR Speech Codec	\$ 4	Yes
06.60	46.060	Enhanced full rate speech transcoding	\$ 4	Yes
06.61	46.061	Substitution and muting of lost frames for encanced full rate speech traffic	S 4	Yes

progenitor	Number	Title	WG- prime	For pub- lication
		channels		
06.62	46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	\$ 4	Yes
06.76	46.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report	\$4	Yes
06.81	46.081	Discontinuous Transmission (DTX) for encanced full rate speech traffic- channels	\$ 4	Yes
06.82	46.082	Voice Activity Detection (VAD) for encanced full rate speech traffic- channels	\$ 4	Yes
06.85	46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	\$ 4	Yes
07.01	27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Yes
07.02	27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous- bearer capabilities	8 4	Yes
07.03	27.003	Terminal Adaptation Functions (TAF) for services using Synchronous- bearer capabilities	N3	Yes
07.03	27.103	Wide Area Network Synchronisation	T2	Yes
07.05	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
07.07	27.007	AT command set for 3G User Equipment (UE)	T2	Yes
07.10	27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol- User Equipment (UE)	T2	Yes
07.60	27.060	GPRS Mobile Stations supporting GPRS	N3	Yes
08.01	48.001	General Aspects on the BSS-MSC Interface	G2	Yes
08.02	48.002	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Yes
08.04	48.004	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Yes
08.06	48.006	Signalling Transport Mechanism Specification for the Base Station- System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	Yes
08.08	48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Yes
08.14	48.014	General Packet Radio Service (GPRS); Base Station System (BSS) – Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	G2	Yes
08.16	48.016	General Packet Radio Service (GPRS); Base Station System (BSS) – Serving GPRS Support Node (SGSN) Interface; Network Service	G2	Yes
08.18	48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	Yes
08.20	48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Yes
08.31	48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	G2	Yes
08.51	48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Yes
08.52	48.052	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface Interface Principles	G2	Yes
08.54	48.054	BSC-BTS : Layer 1 Structure of Physical Circuits	G2	Yes
08.56	48.056	BSC-BTS Layer 2 Specification	G2	Yes
08.58	48.058	Base Station Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2	Yes
08.60	48.060	Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	GP	Yes
08.61	48.061	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	GP	Yes
08.62	28.062	Inband Tandem Free Operation (TFO) of Speech Codecs; Service-Description; Stage 3	S 4	Yes
08.71	48.071	Location services (LCS) SMLC-BSS interface L 3	G2	Yes
09.01	49.001	General Network Interworking Scenarios	N 4	Yes
09.02	29.002	Mobile Application Part (MAP)	N 4	Yes
09.07	29.007	General requirements on Interworking between the PLMN and the ISDN or PSTN	N3	Yes
09.08	49.008	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1	Yes

progenitor	Number	Title	WG- prime	For pub- lication
09.10	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
09.11	29.011	Signalling Interworking for Supplementary Services	N4	Yes
09.13	29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	Yes
09.16	29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1	Yes
09.18	29.018	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Layer 3 Specification	N1	Yes
09.31	49.031	Location Services LCS Extension (BSSAP-LE)	G2	Yes
09.60	29.060	GPRS Tunnelling protocol (GTP) across the Gn and Gp interface	N 4	Yes
09.61	29.061	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet	N3	Yes
09.78	29.078	CAMEL; Stage 3	N2	Yes
10.59	50.059	Project scheduling and open issues for EDGE	GP	No
10.99	50.099	GERAN project plan and open issues	GP	No
11.10-1	51.010-1	Conformance Specification	G4	Yes
11.10-2	51.010-2	Mobile station (MS) conformance specification; Part 2: Protocol- Implementation Conformance Statement (PICS) proforma specification	G 4	Yes
11.10-3	51.010-3	Layer3 (L3) Abstract Test Suite (ATS)	G4	Yes
11.10-4	51.010-4	Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification	G 4	Yes
11.11	31.111	USIM Application Toolkit (USAT)	T3	Yes
11.11	51.011	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	T3	Yes
11.13	51.013	Test specification for SIM API for Java card	T3	Yes
11.21	51.021	GSM Radio Aspects Base Station System Equipment Specification	G3	Yes
11.26	51.026	GSM Repeater Equipment Specification	G3	Yes
12.71	52.071	Location Services (LCS); Location services management	\$5	Yes