

**Technical Specification Group Core Network
Meeting #11, Palm Springs, USA, 14 – 16 March 2001**
**Technical Specification Group Radio Access Network
Meeting #11, Palm Springs, USA, 13 – 16 March 2001**
**Technical Specification Group Terminals
Meeting #11, Palm Springs, USA, 14 – 16 March 2001**
**Technical Specification Group Services and System Aspects
Meeting #11, Palm Springs, USA, 19 – 22 March 2001**

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Title: **Spec numbers and titles**

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

Agenda Item: **CN: 11**
RAN: 10
T: 7
SA: 10

This document shows the specification numbers and titles for all TSs and TRs currently managed by 3GPP. The information may be viewed sorted in any of the following ways:

List of specifications ordered by spec number

List of specifications ordered by implicit index

List of specifications ordered by responsible TSG/WG

Notes:

1. Release 4 specifications which should be created by decision of the present meetings are *not* included.
2. The responsible working group is sometimes shown as blank or as a WG of ETSI TC SMG. These entries are invariably specifications which have been stopped (usually GSM specs stopped prior to their transfer to 3GPP).
3. Two specifications (09.12 and 09.14) are maintained by ETSI TC SPAN; the 3GPP TS numbers are merely placeholders.
4. A "Y" entry for a given Release indicates that the spec exists in and is being maintained for that Release.
5. A blank entry for a given Release indicates that the spec does not (yet) exist for that Release.
6. A "w" entry for a given Release indicates that the spec was envisaged to be needed for that Release, but was subsequently withdrawn.
7. Spec numbers with a "U" suffix relate to early work on UMTS within ETSI TC SMG; they are not specific to any Release, and are no longer maintained. Some were, however, issued as ETSI publications.

Number	Title	WG	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
02.15	Circulation of mobile stations		w								Yes
02.16	International Mobile Station Equipment Identities (IMEI)	S1	Y	Y	Y	Y	Y				No
02.17	Subscriber Identity Modules, Functional Characteristics	T3	Y	Y	Y	Y	Y	Y			No
02.18	Interworking with non-GSM applications on the SIM to be accessed via the GSM network				w						Yes
02.19	Subscriber Identity Module Application Programming Interface (SIM API); Service description; Stage 1	T3					Y	w			No
02.20	Collection charges	-	Y								No
02.22	Stage 1 for Personalisation of GSM ME	S1			Y	Y	Y				No
02.24	Description of Charge Advice Information (CAI)	S1		Y	Y	Y	Y				No
02.25	GSM - DCS roaming: Requirements and Stage 1 descriptions				w						Yes
02.26	Operation of multi-band GSM/DCS 1800 network by a single operator				w						Yes
02.27	DECT access to GSM networks				w						Yes
02.28	UPT phase 1				w						Yes
02.29	Inter operation with UPT phase 2				w						Yes
02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	S1	Y	Y	Y	Y	Y				No
02.31	Fraud Information Gathering System (FIGS) Service description ; Stage 1	S3			w		Y	Y			No
02.32	Immediate Service Termination (IST); Service description ; Stage 1	S3					Y	Y			No
02.33	Lawful Interception ; Stage 1	S3			w		Y	Y			No
02.34	High Speed Circuit Switched Data (HSCSD) ; Stage 1	S1			Y	Y	Y	w			No
02.35	Universal access to freephone numbers - stage 1				w						Yes
02.36	Premium rate services - stage 1				w						Yes
02.37	ISDN based DECT/GSM Interworking				w						Yes
02.38	SIM application toolkit (SAT); Stage 1	S1			w						Yes
02.40	Procedures for Call Progress Indications	S1	Y	Y	Y	Y	Y	w			No
02.41	Operator Determined Barring	S1		Y	Y	Y	Y				No
02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	S1			Y	Y	Y	w			No
02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1					Y				No
02.48	Security mechanisms for the SIM Application Toolkit; Stage 1	T3				Y	Y	Y			No
02.53	Tandem Free Operation (TFO); Service description; Stage 1	S4					Y	Y			No
02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	S1					Y	Y			No
02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1	S1					Y	w			No
02.60	General Packet Radio Service Stage 1 Description	S1			w	Y	Y	w			No
02.63	Packet Data on Signalling channels Service (PDS) ; Stage 1	S1			Y	Y	Y				No
02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1	S1			w		Y				No
02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP) ; Stage 1	S1			Y	Y	Y				No
02.68	Voice Group Call Service (VGCS) ; Stage 1	S1			Y	Y	Y	Y			No
02.69	Voice Broadcast Service (VBS) ; Stage 1	S1			Y	Y	Y	Y			No
02.71	Location Services (LCS) ; Stage 1	S1					Y				No
02.72	Call Deflection Service description, Stage 1	S1			w		Y				No
02.73	Malicious Call Identification (MCID) - stage 1				w						Yes

Number	Title	WG	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
02.76	Noise Suppression for the AMR	S4						Y			No
02.77	Emergency call TS12 with additional data transfer				w						Yes
02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	S1			Y	Y	Y	w			No
02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)	S1			Y	Y	Y				No
02.81	Line Identification Supplementary Services ; Stage 1	S1		Y	Y	Y	Y				No
02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	S1	Y	Y	Y	Y	Y	w			No
02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 1	S1		Y	Y	Y	Y				No
02.84	MultiParty (MPTY) Supplementary Services ; Stage 1	S1		Y	Y	Y	Y				No
02.85	Closed User Group (CUG) Supplementary Services ; Stage 1	S1		Y	Y	Y	Y				No
02.86	Advice of Charge (AoC) Supplementary Services ; Stage 1	S1		Y	Y	Y	Y				No
02.87	User-to-User Signalling (UUS) Service Description, Stage 1	S1			w		Y				No
02.88	Call Barring (CB) Supplementary Services ; Stage 1	S1	Y	Y	Y	Y	Y				No
02.90	Stage 1 Decision of Unstructured Supplementary Service Data (USSD)	S1		Y	Y	Y	Y	w			No
02.91	Explicit Call Transfer (ECT)	S1			Y	Y	Y				No
02.92	Call Forward Enhancements (CFE) - Stage 1 description				w						Yes
02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description ; Stage 1	S1				Y	Y				No
02.94	Follow Me Service description; Stage 1	S1						Y			No
02.95	Digital cellular telecommunications system (Phase 2+); Support of Private Numbering Plan (SPNP);	S1			Y	Y	Y	Y			No
02.96	Name Identification Supplementary Services; Stage 1	S1				Y	Y				No
02.97	Multile Subscriber Profile (MSP) Service description, Stage 1	S1			w		Y				No
02.98	New barring services - Stage 1 description				w						Yes
02.99	Direct Subscriber Access and Restriction (DSAR)- stage1				w						Yes
03.01	Network Functions	S2	Y	Y	Y	Y	Y	w			No
03.02	Network Architecture	S2	Y	Y	Y	Y	Y				No
03.03	Numbering, Addressing and Identification	N4	Y	Y	Y	Y	Y				No
03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	N4	Y	Y	w	w					No
03.05	Technical performance objectives	NP	Y	Y	Y	Y	Y	Y			No
03.07	Restoration Procedures	N4	Y	Y	Y	Y	Y				No
03.08	Organization of Subscriber Data	N4	Y	Y	Y	Y	Y				No
03.09	Handover Procedures	N1	Y	Y	Y	Y	Y				No
03.10	GSM Public Land Mobile Network (PLMN) Connection Types	N3	Y	Y	Y	Y	Y	Y			No
03.11	Technical Realization of Supplementary Services - General Aspects	N4	Y	Y	Y	Y	Y				No
03.12	Location Registration Procedures	N4	Y	Y	Y	Y	Y				No
03.13	Discontinuous Reception (DRX) in the GSM System	GP	Y	Y	Y	Y	Y	Y			No
03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	N1	Y	Y	Y	Y	Y				No
03.15	Technical Realization of Operator Determined Barring	N4		Y	Y	Y	Y				No
03.16	Subscriber Data Management	N4		Y	Y	Y	Y				No
03.17	Technical realization of Exchange of Network Capabilities Information (ENC1); Stage 2				w						Yes
03.18	Basic Call Handling	N4			Y	Y	Y				No

Number	Title	WG	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
03.19	GSM API for SIM toolkit stage 2	T3					Y	Y			No
03.20	Security-related Network Functions	S3	Y	Y	Y	Y	Y	Y			No
03.22	Functions Related to Mobile Station (MS) in Idle Mode	G2		Y	Y	Y	Y	Y			No
03.26	Multiband operation of GSM/DCS 1800 by a single operator	GP		Y	Y	Y	Y	Y			No
03.30	Radio Network Planning Aspects	GP		Y	Y	Y	Y	Y			No
03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3					Y	Y			No
03.32	Universal Geographical Area Description (GAD)	S2			Y	Y	Y				No
03.33	Lawful Interception ; Stage 2	S3					Y	Y			No
03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	N1			Y	Y	Y				No
03.35	Immediate Service Termination (IST); Stage 2	S3					Y	Y			No
03.36	Premium rate services - stage 2				w						Yes
03.38	Alphabets and Language Specific Information for GSM	T2		Y	Y	Y	Y				No
03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short	T2		w	w	w	w				Yes
03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	T2	Y	Y	Y	Y	Y				No
03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	T2	Y	Y	Y	Y	Y				No
03.42	SMS Compression	T2			Y	Y	Y				No
03.43	Support of Videotex	T2	Y	Y	Y	Y	Y	w			No
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	T2	Y	Y	Y	Y	Y	w			No
03.45	Technical Realization of Facsimile Group 3 Service - transparent	N3	Y	Y	Y	Y	Y	Y			No
03.46	Technical Realization of Facsimile Group 3 Service - non transparent	N3	Y	Y	Y	Y	Y	Y			No
03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching	T2		Y	Y	Y	Y	w			No
03.48	Security Mechanisms for SIM Toolkit Application ; Stage 2	T3	Y			Y	Y	Y			No
03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controler	T2		Y	Y	Y	Y	w			No
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network	S4	Y	Y	Y	Y	Y	Y			No
03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface ; Stage 2	GP					Y	Y			No
03.53	Tandem Free Operation (TFO); Service description; Stage 2	S4					Y	Y			No
03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	N3			Y	Y	Y				No
03.55	Dual Transfer Mode (DTM); Stage 2	G1						Y			No
03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2	S2					Y	w			No
03.57	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2	T2					Y				No
03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4				Y	Y	Y			No
03.59	Location services (LCS) GERAN; Stage 2	GP									No
03.60	General Packet Radio Service (GPRS) Service description; Stage 2	S2				Y	Y				No
03.61	General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2	-				w					Yes
03.62	General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 2	-				w					Yes
03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2	N1			Y	Y	Y	Y			No
03.64	Overall description of the GPRS radio interface; Stage 2	G2				Y	Y	Y			No
03.66	Support of GSM Mobile Number Portability (MNP); Stage 2	N4					Y				No
03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2	N4			Y	Y	Y				No

Number	Title	WG	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
03.68	Voice Group Call Service (VGCS); Stage 2	N1			Y	Y	Y	Y			No
03.69	Voice Broadcast service (VBS); Stage 2	N1			Y	Y	Y	Y			No
03.70	Routing of Calls to/from Public Data Networks (PDN)	N3	Y	Y	Y	Y	Y				No
03.71	Location services (LCS); Stage 2	S2					Y	Y			No
03.72	Call Deflection stage 2	N4					Y				No
03.73	Support of Localised Service Area (SoLSA); Stage 2	S2					Y				No
03.78	CAMEL Phase 2; Stage 2	N2			Y	Y	Y				No
03.79	Support of Optimal Routing phase 1; Stage 2	N4			Y	Y	Y				No
03.81	Line Identification Supplementary Services; Stage 2	N4		Y	Y	Y	Y				No
03.82	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Y	Y	Y	Y	Y	w			No
03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2	N4		Y	Y	Y	Y				No
03.84	Multi Party (MPTY) Supplementary Services; Stage 2	N4		Y	Y	Y	Y				No
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	N4		Y	Y	Y	Y				No
03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	N4		Y	Y	Y	Y				No
03.87	User-to-user signalling (UUS); Stage 2	N4					Y				No
03.88	Call Barring (CB) supplementary services ; Stage 2	N4	Y	Y	Y	Y	Y				No
03.90	Unstructured Supplementary Service Data (USSD)	N4		Y	Y	Y	Y				No
03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4			Y	Y	Y				No
03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4				Y	Y				No
03.94	Follow Me Service description; Stage 2	-			w						Yes
03.95	Support of Private Numbering Plan (SPNP); Stage 2				w						Yes
03.96	Name Identification Supplementary Services; Stage 2	N4				Y	Y				No
03.97	Multiple subscriber Profile (MSP); Stage 2	N4					Y				No
03.98	New barring services; Stage 2 description	-			w						Yes
03.99	Direct Subscriber Access and Restriction (DSAR); Stage 2	-			w						Yes
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Y	Y	Y	Y	Y	Y			No
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Y	Y	Y	Y	Y				No
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access	G2	Y	Y	Y	Y	Y	Y			No
04.04	Layer 1 - General Requirements	G2	Y	Y	Y	Y	Y	Y			No
04.05	Data Link (DL) Layer General Aspects	G2	Y	Y	Y	Y	Y	Y			No
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Y	Y	Y	Y	Y	Y			No
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	N1	Y	Y	Y	Y	Y				No
04.08	Mobile radio interface layer 3 specification	N1	Y	Y	Y	Y	Y	Y			No
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Y	Y	Y	Y	Y				No
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Y	Y	Y	Y	Y				No
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Y	Y	Y	Y	Y				No
04.13	Performance Requirements on Mobile Radio Interface	N1		Y	Y	Y	Y	Y			No
04.14	Individual equipment type requirements and interworking; Special conformance testing functions	G2			Y	Y	Y	Y			No
04.18	Mobile radio interface layer 3 specification; Radio Resource Control Protocol	G2						Y			No

Number	Title	WG	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3	Y	Y	Y	Y	Y	Y			No
04.22	Radio Link Protocol for Data and Telematic Services on the MS-BSS Interface	N3	Y	Y	Y	Y	Y	w			No
04.30	Location Services LCS Stage 3 SS (MO-LR)	G2					Y				No
04.31	Location Services LCS RR LCS Protocol	G2					Y	Y			No
04.33	Lawful interception; Stage 3						w				Yes
04.35	Location Services LCS Stage 3 E-OTD Enhanced Observed	G2					Y	Y			No
04.36	Premium rate services - stage 3				w						Yes
04.53	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	-					w				Yes
04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	N1					Y	Y			No
04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3	N1					Y	Y			No
04.60	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface;	G2				Y	Y	Y			No
04.61	General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3					w					Yes
04.62	General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3					w					Yes
04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	N1			Y	Y	Y	Y			No
04.64	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer	N1			w	Y	Y	Y			No
04.65	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence	N1			w	Y	Y	Y			No
04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 3	N4			Y	Y	Y				No
04.68	Group Call Control (GCC) Protocol	N1			Y	Y	Y	Y			No
04.69	Broadcast Call Control (BCC) protocol	N1			Y	Y	Y	Y			No
04.70	Payphone services - stage 3				w						Yes
04.71	Location services (LCS) stage 3	G2					Y	Y			No
04.72	Call Deflection (CD) Supplementary Service; Stage 3	N4					Y				No
04.73	Malicious Call Identification (MCID) - stage 3				w						Yes
04.78	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 3				w						Yes
04.79	Support of Optimal routing - stage 3				w						Yes
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	N4	Y	Y	Y	Y	Y				No
04.81	Line Identification Supplementary Services ; Stage 3	N4		Y	Y	Y	Y				No
04.82	Call Forwarding (CF) Supplementary Services - Stage 3	N4	Y	Y	Y	Y	Y				No
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 3	N4		Y	Y	Y	Y				No
04.84	Multi Party (MPTY) Supplementary Services ; Stage 3	N4		Y	Y	Y	Y				No
04.85	Closed User Group (CUG) Supplementary Services ; Stage 3	N4		Y	Y	Y	Y				No
04.86	Advice of Charge (AoC) Supplementary Services ; Stage 3	N4		Y	Y	Y	Y				No
04.87	User-to-User Signalling (UUS) Supplementary Service Stage 3	N4					Y				No
04.88	Call Barring (CB) Supplementary Services ; Stage 3	N4	Y	Y	Y	Y	Y				No
04.90	Unstructured Supplementary Service Data (USSD)	N4		Y	Y	Y	Y				No
04.91	Explicit Call Transfer (ECT) Supplementary Service ; Stage 3	N4			Y	Y	Y				No
04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3	N4				Y	Y				No
04.94	Follow Me Service description ; Stage 3	-						w			Yes
04.96	Name Identification Supplementary Services; Stage 3	N4				Y	Y				No

Number	Title	WG	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
04.98	New barring services - Stage 3 description				w						Yes
04.99	Direct subscriber access and restriction - stage 3				w						Yes
05.01	Physical Layer on the Radio Path (General Description)	GP	Y	Y	Y	Y	Y	Y			No
05.02	Multiplexing and Multiple Access on the Radio Path	G1	Y	Y	Y	Y	Y	Y			No
05.03	Channel coding	G1	Y	Y	Y	Y	Y	Y			No
05.04	Modulation	G1	Y	Y	Y	Y	Y	Y			No
05.05	Radio Transmission and Reception	G1	Y	Y	Y	Y	Y	Y			No
05.08	Radio Subsystem Link Control	G1	Y	Y	Y	Y	Y	Y			No
05.09	Link adaptation	G1					Y	Y			No
05.10	Radio subsystem synchronization	G1	Y	Y	Y	Y	Y	Y			No
05.14	Release independent frequency bands; Implementation guidelines	G1				Y	Y	w			No
05.18	Hands free mobile station				w						Yes
05.19	Service to GSM handportables in trains				w						Yes
05.20	Fast moving Mobile Station (study)				w						Yes
05.21	DCS 1800; 4 Watt Mobile Power Class - study					w					Yes
05.22	Radio link management in hierarchical networks	GP		Y	Y	Y	Y	Y			No
05.30	General packet radio service requirements				w						Yes
05.50	Background for RF Requirements	GP		Y	Y	Y	Y	Y			No
05.56	CTS-FP Radio Sub-system	GP					Y	Y			No
05.90	GSM Electro Magnetic Compatibility (EMC) Considerations	GP		Y	Y	Y	Y				No
06.01	Full Rate Speech Processing Functions	S4	Y	Y	Y	Y	Y	Y			No
06.02	Half Rate Speech Processing Functions	S4		Y	Y	Y	Y	Y			No
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	S4		Y	Y	Y	Y	Y			No
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4		Y	Y	Y	Y	Y			No
06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4		Y	Y	Y	Y	Y			No
06.10	Full Rate Speech Transcoding	S4	Y	Y	Y	Y	Y	Y			No
06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	Y	Y	Y	Y	Y	Y			No
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Y	Y	Y	Y	Y	Y			No
06.20	Half Rate Speech Transcoding	S4		Y	Y	Y	Y	Y			No
06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4		Y	Y	Y	Y	Y			No
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4		Y	Y	Y	Y	Y			No
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Y	Y	Y	Y	Y	Y			No
06.32	Voice Activity Detection (VAD)	S4	Y	Y	Y	Y	Y	Y			No
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4		Y	Y	Y	Y	Y			No
06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4		Y	Y	Y	Y	Y			No
06.51	GSM Enhanced full rate speech processing functions: General description	S4		Y	Y	Y	Y	Y			No
06.53	ANSI-C code for the GSM Enhanced full rate speech codec	S4		Y	Y	Y	Y	Y			No
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	S4		Y	Y	Y	Y	Y			No
06.55	Performance characterisation of the GSM EFR Speech Codec	S4		Y	Y	Y	Y	Y			No

Number	Title	WG	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
06.60	Enhanced full rate speech transcoding	S4		Y	Y	Y	Y	Y			No
06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels	S4		Y	Y	Y	Y	Y			No
06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4		Y	Y	Y	Y	Y			No
06.71	Adaptive Multi-Rate speech processing functions; General description	S4					Y				No
06.73	ANSI-C code for the GSM Adaptive Multi Rate (AMR) speech codec	S4					Y				No
06.74	Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec	S4					Y				No
06.75	AMR performan characterisation	S4					Y				No
06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report	S4					Y	Y			No
06.77	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder	S4						Y			No
06.78	Results of the AMR noise suppression selection phase	S4						Y			No
06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	S4		Y	Y	Y	Y	Y			No
06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	S4		Y	Y	Y	Y	Y			No
06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem	S4			Y	Y	Y	Y			No
06.90	Adaptive Multi-Rate speech transcoding	S4					Y				No
06.91	Substitution and muting of lost frames for AMR speech traffic channels	S4					Y				No
06.92	Comfort noise aspects for Adaptive Multi-Rate speech traffic channels	S4					Y				No
06.93	Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels	S4					Y				No
06.94	Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels	S4					Y				No
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	Y	Y	Y	Y	Y	w			No
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	N3	Y	Y	Y	Y	Y	w			No
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	N3	Y	Y	Y	Y	Y	w			No
07.05	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short	T2		Y	Y	Y	Y				No
07.06	Use of the V Series Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE)	T2		w							Yes
07.07	AT Command set for GSM Mobile Equipment (ME)	T2		Y	Y	Y	Y				No
07.08	GSM Application Programming Interface	T2			Y			w			No
07.10	Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol	T2				Y	Y				No
07.57	Mobile Station Application Execution Environment (MExE); Stage 3				w						Yes
07.60	General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	N3			Y	Y	Y				No
08.01	General Aspects on the BSS-MSC Interface	G2	Y	Y	Y	Y	Y	Y			No
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Y	Y	Y	Y	Y	Y			No
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Y	Y	Y	Y	Y	Y			No
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services	G2	Y	Y	Y	Y	Y	Y			No
08.08	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Y	Y	Y	Y	Y	Y			No
08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node	G2				Y	Y	Y			No
08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node	G2				Y	Y	Y			No
08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node	G2				Y	Y	Y			No
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	Y	Y	Y	Y	Y	Y			No
08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC -	G2					Y	Y			No
08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects	G2	Y	Y	Y	Y	Y	Y			No

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08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles	G2	Y	Y	Y	Y	Y	Y			No
08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	G2	Y	Y	Y	Y	Y	Y			No
08.56	BSC-BTS Layer 2 Specification	G2	Y	Y	Y	Y	Y	Y			No
08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification	G2	Y	Y	Y	Y	Y	Y			No
08.59	BSC-BTS O&M Signalling Transport	GP	Y	w							No
08.60	Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	GP	Y	Y	Y	Y	Y	Y			No
08.61	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	GP		Y	Y	Y	Y	Y			No
08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	S4					Y	Y			No
08.64	GPRS support node - BSS protocol (SGSN_BSS) interface; BSSGP layer 3					w					Yes
08.71	Location services (LCS) SMLC-BSS interface L 3	G2					Y	Y			No
09.01	General Network Interworking Scenarios	N4	Y	Y	Y	Y	Y	Y			No
09.02	Mobile Application Part (MAP) Specification	N4	Y	Y	Y	Y	Y				No
09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or	N3	Y	Y	Y	Y	Y				No
09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data	N3	Y	Y	Y	Y	Y				No
09.05	Interworking between the PLMN and the PSPDN for PAD Access	N3	Y	Y	Y	Y	Y				No
09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data	N3		Y	Y	Y	Y				No
09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the	N3	Y	Y	Y	Y	Y	w			No
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1		Y	Y	Y	Y	Y			No
09.09	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN	N4	Y								No
09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base	N4	Y	Y	Y	Y	Y				No
09.11	Signalling Interworking for Supplementary Services	N4	Y	Y	Y	Y	Y				No
09.12	Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling	SPAN		Y	w						No
09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and	N4				Y	Y				No
09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling	SPAN					Y	w			No
09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location	N1				Y	Y				No
09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location	N1				Y	Y	w			No
09.20	Support of Shared Data Interworking Function				w						Yes
09.31	Location Services LCS Extension (BSSAP-LE)	G2					Y	Y			No
09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp	N4			w	Y	Y				No
09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network	N3				Y	Y				No
09.78	CAMEL Application Part phase 2 (stage 3)	N2			Y	Y	Y				No
09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)	N1		Y	Y	w					No
09.91	Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2	T3		Y							No
09.92	GSM Phase 1 Mobile Station interworking with Phase 2 Networks			w							Yes
09.94	Recommended Infrastructure Measures to Overcome Specific Phase 1 Mobile Stations Faults	N1		Y	w	w					No
10.00	Digital Cellular Telecommunication System Feature Description	S2			Y		Y				No
10.02	Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+	N4			Y	Y					No
10.14	System Overview for 14.4 kbit/s Work Item	S2			Y						No
10.17	General Packet Radio Service (GPRS); Charging in GPRS	-				w					Yes

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21.06U	O&M requirements for the UMTS	-									Yes
21.100	3G specification handling procedures	-						w			Yes
21.101	3rd Generation mobile system Release 1999 Specifications	SP						Y			No
21.102	3rd Generation mobile system Release 4 Specifications	SP							Y		No
21.111	USIM and IC card requirements	T3						Y			No
21.133	Security Threats and Requirements	S3						Y			No
21.801	3GPP drafting rules	SP							Y		No
21.810	Report on multi-mode UE issues; ongoing work and identified additional work	T2						Y			No
21.900	3GPP working methods	SP						Y			No
21.904	UE Capability Requirements (UCR)	T2						Y			No
21.905	3G Vocabulary	S1						Y	Y		No
21.906	reserved							Y			No
21.910	Multi-mode UE issues; categories, principles and procedures	T2						Y			No
21.978	Feasibility Technical Report – CAMEL Control of VoIP Services	N2						Y			No
22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1						Y	Y		No
22.002	Circuit Bearer Services Supported by a PLMN	S1						Y	Y		No
22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1						Y	Y		No
22.004	General on Supplementary Services	S1						Y			No
22.00U	UMTS Phase 1	-									Yes
22.011	Service accessibility	S1						Y	Y		No
22.016	International Mobile Equipment Identities (IMEI)	S1						Y	w		No
22.01U	Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles	-									Yes
22.022	Personalisation of GSM ME Mobile functionality specification ; Stage 1	S3						Y			No
22.024	Description of Charge Advice Information (CAI)	S1						Y			No
22.030	Man-Machine Interface (MMI) of the Mobile Station (MS)	S1						Y			No
22.034	High Speed Circuit Switched Data (HSCSD) ; Stage 1	S1						Y			No
22.038	SIM application toolkit (SAT); Stage 1	S1						Y	Y	Y	No
22.041	Operator Determined Call Barring	S1						Y	Y		No
22.042	Network Identity and Time Zone (NITZ), stage 1	S1						Y			No
22.043	Support of Localised Service Area (SoLSA) ; Stage 1	S1						Y			No
22.053	Tandem Free Operation of speech codecs; Stage 1 service description	S4							w		Yes
22.057	Mobile Station Application Execution Environment (MExE); Stage 1	S1						Y	Y	Y	No
22.05U	Services and service capabilities	-									Yes
22.060	General Packet Radio Service (GPRS); Stage 1	S1						Y	Y		No
22.066	Support of Mobile Number Portability (MNP); Stage 1	S1						Y			No
22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 1	S1						Y	Y		No
22.071	Location Services (LCS); Stage 1	S1						Y	Y		No
22.072	Call Deflection (CD); Stage 1	S1						Y			No
22.078	CAMEL; Stage 1	S1						Y	Y	Y	No

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22.60U	Mobile multimedia services including mobile Intranet and Internet services	-									Yes
22.70U	Virtual Home Environment	-									Yes
22.71U	Service aspects; Automatic Establishment of Roaming Relationships	-									Yes
22.72U	Real Time Multimedia in UMTS	-									Yes
22.75U	Service aspects; Advanced Addressing	-									Yes
22.80U	UMTS Relationship to other Standards	-									Yes
22.907	Terminal concepts	-						w			Yes
22.924	Charging and accounting mechanisms	-						w			Yes
22.925	Quality of service and network performance	-						w			Yes
22.945	Study of provision of fax service in GSM and UMTS	T2						Y			No
22.960	Mobile multimedia services	-						w			Yes
22.970	Virtual Home Environment Report	-						w			Yes
22.971	Automatic establishment of roaming relationships	S1						Y			No
22.972	Circuit-switched multimedia	-						w			Yes
22.975	Advanced addressing	S1						Y			No
22.976	Study on PS domain services and capabilities	S1							Y		No
23.002	Network Architecture	S2						Y	Y	Y	No
23.003	Numbering, Addressing and Identification	N4						Y			No
23.007	Restoration procedures	N4						Y			No
23.008	Organisation of subscriber data	N4						Y			No
23.009	Handover procedures	N1						Y			No
23.010	GSM Public Land Mobile Network (PLMN) Connection Types	-						w			Yes
23.011	Technical Realization of Supplementary Services - General Aspects	N4						Y			No
23.012	Location management procedures	N4						Y			No
23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1						Y			No
23.015	Technical realisation of Operator Determined Barring (ODB)	N4						Y			No
23.016	Subscriber data management ; Stage 2	N4						Y			No
23.018	Basic Call Handling - Technical realisation	N4						Y	Y		No
23.01U	UMTS Network principles	-									Yes
23.022	Functions related to Mobile Station (MS) in idle mode	-						w			Yes
23.032	Universal Geographical Area Description (GAD)	S2						Y			No
23.034	High Speed Circuit Switched Data (HSCSD) ; Stage 2	N1						Y			No
23.038	Alphabets & Language	T2						Y	Y		No
23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message	T2						Y			No
23.040	Technical realisation of Short Message Service	T2						Y	Y		No
23.041	Technical Realization of Cell Broadcast Service	T2						Y			No
23.042	Compression algorithm for SMS	T2						Y			No
23.043	Support of Videotex	-						w			Yes
23.044	Support of Teletex	-						w			Yes

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23.045	Technical Realization of Facsimile Group 3 Service - transparent	-						w			Yes
23.046	Technical realisation of facsimile Group 3 service - non-transparent	-						w			Yes
23.053	Tandem Free Operation (TFO); Service description; Stage 2	-						w			Yes
23.054	Shared Interworking Functions ; Stage 2	N3						Y			No
23.057	Mobile Station Application Execution Environment (MExE)	T2						Y	Y		No
23.05U	UMTS Network principles	-									Yes
23.060	General Packet Radio Service (GPRS) Service description; Stage 2	S2						Y			No
23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4						Y			No
23.067	Enhanced Multi-Level Precedence and Preemption Service (EMLPP) ; Stage 2	N4						Y	Y		No
23.069	Voice Broadcast service (VBS); Stage 2	N1						w			Yes
23.070	Routeing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network	-						w			Yes
23.071	Location services (LCS) stage 2	-						w			Yes
23.072	Call Deflection Supplementary Service ; Stage 2	N4						Y			No
23.073	Support of Localised Service Area (SoLSA) ; Stage 2	N4						Y			No
23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 3 - Stage 2	N2						Y			No
23.079	Support of Optimal Routeing - Phase 1 ; Stage 2	N4						Y	Y		No
23.081	Line Identification Supplementary Services ; Stage 2	N4						Y			No
23.082	Call Forwarding (CF) Supplementary Services ; Stage 2	N4						Y			No
23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service ; Stage 2	N4						Y	Y		No
23.084	MultiParty (MPTY) Supplementary Service ; Stage 2	N4						Y			No
23.085	Closed User Group (CUG) Supplementary Service ; Stage 2	N4						Y			No
23.086	Advice of Charge (AoC) Supplementary Service ; Stage 2	N4						Y			No
23.087	User-to-User Signalling (UUS) ; Stage 2	N4						Y			No
23.088	Call Barring (CB) Supplementary Service ; Stage 2	N4						Y			No
23.090	Unstructured Supplementary Service Data (USSD) ; Stage 2	N4						Y			No
23.091	Explicit Call Transfer (ECT) Supplementary Service ; Stage 2	N4						Y			No
23.093	Call Completion to Busy Subscriber (CCBS) ; Stage 2	N4						Y	Y		No
23.094	Follow Me Stage 2	N4						Y			No
23.096	Name Identification Supplementary Service ; Stage 2	N4						Y			No
23.097	Multiple Subscriber Profile (MSP); Stage 2	N4						Y			No
23.101	General UMTS Architecture	S2						Y			No
23.107	Quality of Service, Concept and Architecture	S2						Y	Y		No
23.108	Mobile Radio Interface Layer 3 specification Core Network Protocols stage 2 (structured procedures)	N1						Y			No
23.10U	UMTS Access Stratum; Services and Functions	-									Yes
23.110	UMTS Access Stratum Services and Functions	S2						Y			No
23.116	Super Charger ; Stage 2	N4						Y			No
23.119	Gateway Location Register (GLR) ; Stage2	N4						Y			No
23.121	Architecture Requirements for release 99	S2						Y		Y	No
23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1						Y			No

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25.101	UE Radio transmission and reception (FDD)	R4						Y			No
25.102	UE Radio transmission and reception (TDD)	R4						Y			No
25.103	RF parameters in support of RRM	-						w			Yes
25.104	UTRA (BS) FDD; Radio transmission and reception	R4						Y			No
25.105	UTRA (BS) TDD: Radio transmission and reception	R4						Y			No
25.106	UTRA Repeater; Radio transmission and reception	R4							Y		No
25.107	UTRA Repeater; Conformance testing	-							w		Yes
25.10U	UMTS Radio Aspects; Channel coding										Yes
25.113	Base station EMC	R4						Y			No
25.123	Requirements for support of radio resource management (TDD)	R4						Y			No
25.133	Requirements for support of radio resource management (FDD)	R4						Y			No
25.141	Base station conformance testing (FDD)	R4						Y			No
25.142	Base station conformance testing (TDD)	R4						Y			No
25.143	UTRA Repeater; Conformance testing	R4							Y		No
25.15U	UMTS Radio Aspects; Modulation										Yes
25.201	Physical layer -General Description	R1						Y			No
25.20U	UMTS Radio Aspects; Transmission and reception										No
25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	R1						Y			No
25.212	Multiplexing and channel coding (FDD)	R1						Y			No
25.213	Spreading and modulation (FDD)	R1						Y			No
25.214	Physical layer procedures (FDD)	R1						Y			No
25.215	Physical layer; Measurements (FDD)	R1						Y			No
25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	R1						Y			No
25.222	Multiplexing and channel coding (TDD)	R1						Y			No
25.223	Spreading and modulation (TDD)	R1						Y			No
25.224	Pphysical layer procedures (TDD)	R1						Y			No
25.225	Physical layer; Measurements (TDD)	R1						Y			No
25.301	Radio Interface Protocol Architecture	R2						Y			No
25.302	Services provided by the physical layer	R2						Y			No
25.303	UE functions and inter-layer procedures in connected mode	R2						Y			No
25.304	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode	R2						Y			No
25.305	Stage 2 functional specification of UE positioning in UTRAN	R2						Y			No
25.306	UE Radio Access capabilities definition	R2						Y			No
25.321	Medium Access Control (MAC) Protocol Specification	R2						Y			No
25.322	Radio Link Control (RLC) Protocol Specification	R2						Y			No
25.323	Packet Data Convergence Protocol (PDCP) protocol	R2						Y			No
25.324	Broadcast/Multicast Control (BMC)	R2						Y			No
25.331	Radio Resource Control (RRC) Protocol Specification	R2						Y			No
25.371	LMU signalling	-							w		Yes

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25.401	UTRAN Overall Description	R3						Y			No
25.402	Synchronisation in UTRAN Stage 2	R3						Y			No
25.410	UTRAN Iu Interface: General Aspects and Principles	R3						Y			No
25.411	UTRAN Iu interface Layer 1	R3						Y			No
25.412	UTRAN Iu interface signalling transport	R3						Y			No
25.413	UTRAN Iu interface RANAP signalling	R3						Y			No
25.414	UTRAN Iu interface data transport & transport signalling	R3						Y			No
25.415	UTRAN Iu interface user plane protocols	R3						Y			No
25.419	UTRAN Iu interface: Cell broadcast protocols between SMS-CBC and RNC	R3						Y			No
25.420	UTRAN Iur Interface: General Aspects and Principles	R3						Y			No
25.421	UTRAN Iur interface Layer 1	R3						Y			No
25.422	UTRAN Iur interface signalling transport	R3						Y			No
25.423	UTRAN Iur interface RNSAP signalling	R3						Y			No
25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams	R3						Y			No
25.425	UTRAN Iur interface user plane protocols for CCH data streams	R3						Y			No
25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams	R3						Y			No
25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams	R3						Y			No
25.430	UTRAN Iub Interface: General Aspects and Principles	R3						Y			No
25.431	UTRAN Iub interface Layer 1	R3						Y			No
25.432	UTRAN Iub interface signalling transport	R3						Y			No
25.433	UTRAN Iub interface NBAP signalling	R3						Y			No
25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams	R3						Y			No
25.435	UTRAN Iub interface user plane protocols for CCH data streams	R3						Y			No
25.442	UTRAN Implementation Specific O&M Transport	R3						Y			No
25.831	Study Items for future release	R3						Y			No
25.832	Manifestations of Handover and SRNS relocation	R3						Y			No
25.833	Physical layer items not for inclusion in Release 99	R1						Y			No
25.834	UTRA TDD low chip rate option; Radio protocol aspects	R2							Y		No
25.835	Report on hybrid ARQ type II/III	R2							Y		No
25.836	Node B synchronization for TDD	R1							Y		No
25.837	Hybrid ARQ Type II/III (Iub/Iur aspects)	R3							Y		No
25.838	Node B Synchronisation for TDD (Iub/Iur aspects)	R3							Y		No
25.839	Uplink Synchronous Transmission Scheme (USTS) (Iur/Iub aspects)	R3							Y		No
25.840	Terminal power saving features	R1							Y		No
25.841	DSCH power control improvement in soft handover	R1							Y		No
25.842	Smart antenna	R1							Y		No
25.843	1,28 Mcps TDD UE Radio Access Capabilities	R2							Y		No
25.844	Radio access bearer support enhancements	R2							Y		No
25.845	FDD RACH and AICH performance requirements	R4							Y		No

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25.846	CPCH performance	R4							w		Yes
25.847	UE positioning enhancements	R2							Y		No
25.848	Physical Layer Aspects of UTRA High Speed Downlink Packet Access	R1							Y		No
25.849	DSCH power control improvement in soft handover	R3							Y		No
25.850	UE positioning in UTRAN Iub/Iur protocol aspects	R3							Y		No
25.851	RAB Quality of Service Renegotiation over Iu	R3							Y		No
25.852	Radio access bearer support enhancements for the Iu	R3							Y		No
25.853	Delay budget within the access stratum	R3						Y			No
25.854	Uplink Synchronous Transmission Scheme (USTS)	R1								Y	No
25.875	NAS node selector function	R3								Y	No
25.921	Guidelines and principles for protocol description and error handling	R2						Y			No
25.922	Radio Resource Management Strategies	R2						Y			No
25.923	Stage 2 Functional Specification of Location Services in UTRAN	-						w			Yes
25.924	Opportunity Driven Multiple Access (ODMA)	R2							Y		No
25.925	Radio Interface for Broadcast/Multicast Services	R2						Y			No
25.926	UE Radio Access capabilities definition	R2						w			Yes
25.928	1,28Mcps UTRA TDD Physical Layer	R1							Y		No
25.931	UTRAN Functions, examples on signalling procedures	R3						Y			No
25.932	Delay budget within the access stratum	R3							w		Yes
25.933	IP Transport in UTRAN	R3							Y		No
25.934	AAL2 QoS optimization	R3							Y		No
25.935	RRM optimisation	R3							Y		No
25.936	Handover for realtime services from PS-domain	R3							Y		No
25.937	UTRAN TDD low chiprate	R3							Y		No
25.938	Terminal power saving features	R3							Y		No
25.941	Document structure	R4						Y			No
25.942	RF system scenarios	R4						Y			No
25.943	Deployment aspects	R4							Y		No
25.944	Channel coding and multiplexing examples	R1						Y			No
25.945	RF requirements for low chip rate TDD option	R4							Y		No
25.946	RAB Quality of Service Negotiation over Iu	R3							Y		No
25.950	UTRA high speed downlink packet access	R2							Y		No
25.951	Base Station classification (FDD)	R4							Y		No
25.952	Base Station classification (TDD)	R4							Y		No
25.953	TrFO/TFO	R3							Y		No
25.954	Migration to modification procedure	R3							Y		No
25.956	UTRA repeater: Planning guidelines and system analysis	R4								Y	No
25.990	Vocabulary for UTRAN	R4						Y			No
26.071	AMR speech Codec; General description	S4						Y			No

Number	Title	WG	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
26.073	AMR speech Codec; C-source code	S4						Y			No
26.074	AMR speech Codec; Test sequences	S4						Y			No
26.075	AMR speech Codec; Performance Characterization of the GSM AMR Speech Codec	-						w			Yes
26.090	AMR speech Codec; Transcoding Functions	S4						Y			No
26.091	AMR speech Codec; Error concealment of lost frames	S4						Y			No
26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4						Y			No
26.093	AMR speech Codec; Source Controlled Rate operation	S4						Y	Y		No
26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S4						Y			No
26.101	AMR speech Codec; Frame Structure	S4						Y			No
26.102	AMR speech Codec; Interface to lu and Uu	S4						Y			No
26.103	Codec lists	S4						Y	Y		No
26.104	AMR speech Codec; Floating point C-Code	S4						Y	Y		No
26.110	Codec for Circuit switched Multimedia Telephony Service; General Description	S4						Y	Y		No
26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4						Y			No
26.112	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements	-						w			Yes
26.115	Transmission Delay and Echo Control Planning For Speech and Multi-Media Services	-						w			Yes
26.121	Technical Specification for Tandem Free Operation within 3G networks	-						w			Yes
26.122	Technical Specification for Tandem Free Operation between 3G and 2G networks	-						w			Yes
26.131	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Characteristics	S4						Y			No
26.132	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Test Specification.	S4						Y			No
26.133	Wide band speech telephony terminal acoustic characteristics	S4						w			Yes
26.134	Wide band speech telephony terminal acoustic test specification	S4						w			Yes
26.135	Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony	S4						w			Yes
26.136	Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony	S4						w			Yes
26.137	Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony	S4						w			Yes
26.138	Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony	S4						w			Yes
26.15U	Source coding aspects Aspects; Integration of audio visual coding into UMTS										Yes
26.171	AMR speech codec, wideband; General description	S4							Y		No
26.173	AMR speech codec, wideband; C-source code	S4							Y		No
26.174	AMR speech codec, wideband; Test sequences	S4							Y		No
26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding	S4							Y		No
26.191	AMR speech codec, wideband; Error concealment of lost frames	S4							Y		No
26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort	S4							Y		No
26.193	AMR speech codec, wideband; Source Controlled Rate operation	S4							Y		No
26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity	S4							Y		No
26.201	AMR speech codec, wideband; Frame structure	S4							Y		No
26.202	AMR speech codec, wideband; Interface to lu and Uu	S4							Y		No
26.226	Global text telephony;Transport of text in the voice channel	S4							Y		No
26.230	Global text telephony; Cellular text telephone modem transmitter C-code	S4							Y		No

Number	Title	WG	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
26.231	Global text telephony; Cellular text telephone modem minimum performance requirements	S4								Y	No
26.233	End-to-end transparent streaming service; General description	S4							Y		No
26.234	End-to-end transparent streaming service; Protocols and codecs	S4							Y		No
26.235	Packet switched conversational multimedia applications; Default codecs	S4							Y		No
26.901	AMR Wideband Speech Codec Feasibility Study Report	S4							Y		No
26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide	S4						Y	Y		No
26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of	S4						Y			No
26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G	S4						Y			No
26.915	Echo Control For Speech and Multi-Media Services	S4						Y			No
26.920	Architectural Model for the 3G Transcoders	S4							w		Yes
26.975	Performance characterization of the AMR speech codec	S4						Y			No
27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3						Y	Y		No
27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3						Y	Y		No
27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3						Y	Y		No
27.005	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE - DCE) interface for Short	T2						Y			No
27.007	AT command set for 3G User Equipment (UE)	T2						Y	Y		No
27.00U	Principles for handling of data services in the UMTS	S5									Yes
27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol User Equipment (UE)	T2						Y			No
27.060	GPRS Mobile Stations supporting GPRS	N3						Y			No
27.103	Wide Area Network Synchronisation	T2						Y			No
27.104	vObjects and other constructs for data synchronization	T2							Y		No
27.226	Global Text telephony; Terminal aspects	T2							Y		No
27.901	Report on Terminal Interfaces - An Overview	T2						Y			No
27.903	Discussion of Synchronisation Standards	T2						Y			No
28.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	-						w	Y		No
28.062	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	S4						w	Y		No
29.002	Mobile Application Part (MAP)	N4						Y	Y		No
29.004	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data	-						w			Yes
29.005	Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data	-						w			Yes
29.006	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data	-						w			Yes
29.007	General requirements on Interworking between the PLMN and the ISDN or PSTN	N3						Y	Y		No
29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base	N4						Y			No
29.011	Signalling Interworking for Supplementary Services	N4						Y			No
29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and	N4						Y			No
29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service	N1						Y			No
29.018	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Layer 3	N1						Y			No
29.060	GPRS Tunnelling protocol (GTP) across the Gn and Gp interface	N4						Y			No
29.061	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network	N3						Y			No
29.078	CAMEL; Stage 3	N2						Y			No

Number	Title	WG	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R3						Y			No
29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	N4						Y			No
29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3	N4						Y	Y		No
29.162	Interworking between the IM CN subsystem and IP networks	N3								Y	No
29.163	Interworking between the IM CN subsystem and CS networks	N3								Y	No
29.198	Open Services Architecture API part 1	N5						Y			No
29.202	SS7 signalling transport in Core Network; stage 3	N4							Y		No
29.205	Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage	N4							Y		No
29.226	reserved	N4							Y		No
29.232	Media gateway controller - media gateway interface; Stage 3	N4							Y		No
29.414	Core network Nb nata transport and transport signalling	N3							Y		No
29.415	Nb user plane protocols	N3							Y		No
29.998	Open Services Architecture API part 2	N5						Y			No
30.002	Guidelines for the modification of the Mobile Application Part (MAP)	N4							Y		Yes
30.00U	SMG - UMTS Work programme	-									Yes
30.01U	UMTS Baseline document: Collection of the SMG's positions on the UMTS	-									Yes
30.02U	Experience from GSM standardisation to be applied at UMTS standardisation	-									Yes
30.03U	Selection procedures for the choice of radio transmission technologies of the UMTS	GP									Yes
30.04U	Definition of the limited number of UTRA concepts	GP									Yes
30.05U	UMTS terminology	-									Yes
30.06U	UTRA Concept Evaluation Reports	GP									Yes
30.20U	Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the	-									Yes
30.504	Work Plan and Study Items - RAN WG4	R4							Y		No
30.531	Work Plan and Study Items - RAN WG3	R3						Y			No
30.801	Overall Project Plan	S2							Y		No
30.802	Project plan on Bearer Services and QoS	S2							Y		No
30.804	Project plan on GSM/UMTS Interoperation and Mobility Management	S2							Y		No
30.806	Project plan on Location based services	S2							Y		No
30.808	Project plan on Packet Architecture and Circuit Architecture	S2							Y		No
30.810	Project plan on Security	S2							Y		No
30.812	Project plan on Services and Service platforms	S2							Y		No
31.101	UICC-terminal interface; Physical and logical characteristics	T3						Y			No
31.102	Characteristics of the USIM Application	T3						Y			No
31.110	Numbering system for telecommunication IC card applications	T3						Y			No
31.111	USIM Application Toolkit (USAT)	T3						Y	Y		No
31.120	Terminal tests for the UICC Interface; part 1	T3						Y			No
31.121	Terminal tests for the UICC Interface; part 2	T3						Y			No
31.122	UICC Test Specification	T3						Y			No
32.005	Telecommunications Management; Charging and billing; 3G call and event data for the Circuit	S5						Y			No

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32.008	Subscriber and Equipment trace	-						w			Yes
32.015	Telecommunications Management; Charging and billing; 3G call and event data for the Packet	S5						Y			No
32.01U	Overall principles of the OAM for the UMTS	SMG1									Yes
32.101	3G Telecom Management principles and high level requirements	S5						Y			No
32.102	3G Telecom Management Architecture	S5						Y			No
32.104	3G Performance Management	S5						Y			No
32.105	3G charging and billing; Stage 2 description	S5							Y		No
32.106	3G Configuration Management	S5						w			Yes
32.106-1	Telecommunication Management; Configuration Management; Part 1: 3G configuration management;	S5						Y			No
32.106-2	Telecommunication Management; Configuration Management; Part 2: Notification Integration	S5						Y			No
32.106-3	Telecommunication Management; Configuration Management; Part 3: Notification Integration	S5						Y			No
32.106-4	Telecommunication Management; Configuration Management; Part 4: Notification Integration	S5						Y			No
32.106-5	Telecommunication Management; Configuration Management; Part 5: Basic Configuration	S5						Y			No
32.106-6	Telecommunication Management; Configuration Management; Part 6: Basic Configuration	S5						Y			No
32.106-7	Telecommunication Management; Configuration Management; Part 7: Basic Configuration	S5						Y			No
32.106-8	Telecommunication Management; Configuration Management; Part 8: Name convention for Managed	S5						Y			No
32.111	3G Fault Management	S5						w			Yes
32.111-1	Telecommunication Management; Fault Management; Part 1: 3G fault management requirements	S5						Y			No
32.111-2	Telecommunication Management; Fault Management; Part 2: Alarm Integration Reference Point:	S5						Y			No
32.111-3	Telecommunication Management; Fault Management; Part 3: Alarm Integration Reference Point:	S5						Y			No
32.111-4	Telecommunication Management; Fault Management; Part 4: Alarm Integration Reference Point:	S5						Y			No
32.140	3G Service Management Requirements & Framework	S5							Y		No
32.800	Management level procedures and interaction with UTRAN	S5							Y		No
32.801	Performance management	S5								Y	No
33.102	Security Architecture	S3						Y			No
33.103	Security Integration Guidelines	S3						Y			No
33.105	Cryptographic Algorithm requirements	S3						Y			No
33.106	Lawful interception requirements	S3						Y			No
33.107	Lawful interception architecture and functions	S3						Y			No
33.120	Security Objectives and Principles	S3						Y			No
33.200	Network Domain Security	S3							Y		No
33.201	Access domain security	S3								Y	No
33.203	Access Security for IP based services	S3								Y	No
33.20U	Security principles for the UMTS	-									Yes
33.21U	UMTS Security Requirements	-									Yes
33.800	Principles for Network Domain Security	S3							Y	Y	No
33.900	Guide to 3G security	S3						Y			No
33.901	Criteria for cryptographic Algorithm design process	S3						Y			No
33.902	Formal Analysis of the 3G Authentication Protocol	S3						Y			No

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33.903	Access Security for IP based services	S3							Y	Y	No
33.904	Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms	S3							Y		No
33.908	Security Algorithms Group of Experts (SAGE); General report on the design, specification and	S3						Y			No
33.909	ETSI SAGE 3GPP Standards Algorithms Task Force: Report on the evaluation of 3GPP standard	S3						Y			No
34.108	Common Test Environments for User Equipment (UE) Conformance Testing	T1						Y			No
34.109	Logical Test Interface (TDD and FDD)	R2						Y			No
34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	T1						Y			No
34.122	Terminal Conformance Specification, Radio Transmission and Reception (TDD)	T1						Y			No
34.123-1	UE Conformance Specification, Part 1 – Conformance specification	T1						Y			No
34.123-2	UE Conformance Specification, Part 2 – ICS	T1						Y			No
34.123-3	UE Conformance Specification, Part 3 Abstract Test suites	T1						Y			No
34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	R4						Y			No
34.907	Report on electrical safety requirements and regulations	T2						Y			No
34.910	Conformance Test specifications – Relevant for Regulatory use	T1							Y		No
34.925	Specific Absorption Rate (SAR) requirements and regulations in different regions	T2						Y			No
34.926	Table of International EMC requirements	R4							Y		No
35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications	S3						Y			No
35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm	S3						Y			No
35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test	S3						Y			No
35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance	S3						Y			No
35.205	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP	S3						Y			No
35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP	S3						Y			No
35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP	S3						Y			No
35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP	S3						Y			No
35.209	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP	S3						Y			No
41.001	GSM Specification set	SP							w		Yes
41.102	GSM Release 4 Specifications	SP							Y		No
42.068	Voice Group Call Service (VGCS) ; Stage 1	S1							Y		No
42.069	Voice Broadcast Service (VBS) ; Stage 1	S1							Y		No
43.010	GSM Public Land Mobile Network (PLMN) Connection Types	N3							Y		No
43.020	Security-related Network Functions	S3							Y		No
43.022	Functions Related to Mobile Station (MS) in Idle Mode	G1							Y		No
43.030	Radio Network Planning Aspects	GP							Y		No
43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2	G1							Y	Y	No
43.059	Location services (LCS) GERAN; Stage 2	GP							Y		No
43.064	Overall description of the GPRS radio interface; Stage 2	G1							Y		No
43.068	Voice Group Call Service (VGCS); Stage 2	N1							Y		No
43.069	Voice Broadcast service (VBS); Stage 2	N1							Y		No
44.018	Mobile Radio Interface - Layer 3 Specification RR part	G2							Y		No

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44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3							Y		No
44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface;	G2							Y		No
44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence	N1							Y		No
44.068	Group Call Control (GCC) Protocol	N1							Y		No
44.069	Broadcast Call Control (BCC) protocol	N1							Y		No
45.001	Physical Layer on the Radio Path (General Description)	G1							Y	Y	No
45.002	Multiplexing and Multiple Access on the Radio Path	G1							Y	Y	No
45.003	Channel coding	G1							Y	Y	No
45.004	Modulation	G1							w		No
45.005	Radio transmission and reception	G1							Y		No
45.008	Radio subsystem link control	G1							Y	Y	No
45.009	Link adaptation	G1								Y	No
48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2							Y		No
48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node	G2							Y		No
48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node	G2							Y		No
50.099	GERAN project plan and open issues	GP							Y		No
51.010-1	Conformance Specification	G4							Y		No
51.010-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance	G4							Y		No
51.010-3	Layer3 (L3) Abstract Test Suite (ATS)	G4							Y		No
51.010-4	Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance	G4							Y		No

2 List of specifications ordered by implicit index

The table below is intended to facilitate the tracking of the transition of specifications from their original GSM form to the later GSM-only / UMTS-only / combined-GSM-and-UMTS progeny in Release 1999 and beyond. (Note that the "progenitor" column is generated automatically from the specs database, and is not guaranteed to be a foolproof guide to the ancestry of a spec: sometimes the parentage is somewhat doubtful, and would not stand up to a DNA test.)

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00.01	00.01		Work programme for the standardization of the Universal Mobile Telecommunications System (UMTS)									Yes
00.02	00.02		Coordination guideline for SMG on UMTS with respect to ITU and European research programmes									Yes
01.00	01.00		Working Procedures for SMG			Y		Y	Y			No
01.00	21.100	01.00	3G specification handling procedures						w			Yes
01.00	21.900		3GPP working methods						Y			No
01.01	01.01		GSM Release 1999 Specifications						Y			No
01.01	21.101	01.01	3rd Generation mobile system Release 1999 Specifications						Y			No
01.01	21.801		3GPP drafting rules							Y		No
01.01	41.001	01.01	GSM Specification set							w		Yes
01.02	01.02		General Description of a GSM Public Land Mobile Network (PLMN)		Y	Y	Y					No
01.02	21.102	01.02	3rd Generation mobile system Release 4 Specifications							Y		No
01.02	41.102	01.02	GSM Release 4 Specifications							Y		No
01.04	01.04		Abbreviations and Acronyms	Y	Y	Y	Y	Y	Y			No
01.04	21.904		UE Capability Requirements (UCR)						Y			No
01.05	01.05		Definitions		w							Yes
01.05	21.905		3G Vocabulary						Y	Y		No
01.06	01.06		Service implementation phases and possible further phases in the GSM PLMN		w							Yes
01.06	21.906		reserved						w			No
01.07	01.07		Updating procedure for GSM Recommendations		w							Yes
01.10	21.010		reserved						w			Yes
01.10	21.810		Report on multi-mode UE issues; ongoing work and identified additional work						Y			No
01.10	21.910		Multi-mode UE issues; categories, principles and procedures						Y			No
01.11	21.111		USIM and IC card requirements						Y			No
01.31	01.31		Fraud Information Gathering System (FIGS); Service requirements ; Stage 0					Y	Y			No
01.33	01.33		Lawful Interception requirements for GSM					Y	Y			No
01.33	21.133	01.33	Security Threats and Requirements						Y			No
01.48	01.48		ISDN-based DECT/GSM interworking; Feasibility study			Y	Y					No
01.50	01.50		Radio Local Loop (RLL) using GSM			w						Yes

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01.51	01.51		Dual mode of operation and roaming			w						Yes
01.56	01.56		GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements					Y	w			No
01.60	01.60		GPRS requirements				Y					No
01.61	01.61		General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements				w		Y			No
01.78	01.78		Customized Applications for Mobile networks using Enhanced Logic (CAMEL); Stage 0			w						Yes
01.78	21.978		Feasibility Technical Report – CAMEL Control of VoIP Services						Y			No
02.00	22.100		UMTS Phase 1						Y			No
02.01	02.01		Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network(PLMN)	Y	Y	Y	Y	Y	w			No
02.01	22.001	02.01	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)						Y	Y		No
02.01	22.101	02.01	UMTS Service principles						Y	Y	Y	No
02.02	02.02		Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	Y	Y	Y	Y	Y	w			No
02.02	22.002	02.02	Circuit Bearer Services Supported by a PLMN						Y	Y		No
02.03	02.03		Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	Y	Y	Y	Y	Y	w			No
02.03	22.003	02.03	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)						Y	Y		No
02.04	02.04		General on Supplementary Services	Y	Y	Y	Y	Y	w			No
02.04	22.004	02.04	General on Supplementary Services						Y			No
02.05	22.105		Services & Service capabilities						Y	Y		No
02.06	02.06		Types of Mobile Stations (MS)	Y	Y	Y	Y	Y				No
02.07	02.07		Mobile Station (MS) Features	Y	Y	Y	Y	Y	w			No
02.07	22.907		Terminal concepts						w			Yes
02.08	02.08		Quality of service / GSM system performance		w							Yes
02.09	02.09		Security Aspects	Y	Y	Y	Y	Y	Y			No
02.10	02.10		Provision of Telecommunication Services		w							Yes
02.11	02.11		Service Accessibility	Y	Y	Y	Y	Y				No
02.11	22.011	02.11	Service accessibility						Y	Y		No
02.12	02.12		Licensing		w							Yes
02.12	22.112	02.12	USIM toolkit interpreter; Stage 1							Y		No
02.13	02.13		Subscription to the Services of a GSM PLMN		w							Yes
02.14	02.14		Service Directory		w							Yes
02.15	02.15		Circulation of mobile stations		w							Yes
02.15	22.115	02.15	Service Aspects Charging and billing						Y			No
02.16	02.16		International Mobile Station Equipment Identities (IMEI)	Y	Y	Y	Y	Y				No
02.16	22.016	02.16	International Mobile Equipment Identities (IMEI)						Y	w		No
02.17	02.17		Subscriber Identity Modules, Functional Characteristics	Y	Y	Y	Y	Y	Y			No
02.18	02.18		Interworking with non-GSM applications on the SIM to be accessed via the GSM network			w						Yes

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02.19	02.19		Subscriber Identity Module Application Programming Interface (SIM API); Service description; Stage 1					Y	w			No
02.20	02.20		Collection charges	Y								No
02.21	22.121		Provision of Services in UMTS - The Virtual Home Environment ; Stage 1						Y	Y		No
02.22	02.22		Stage 1 for Personalisation of GSM ME			Y	Y	Y				No
02.22	22.022	02.22	Personalisation of GSM ME Mobile functionality specification ; Stage 1						Y			No
02.24	02.24		Description of Charge Advice Information (CAI)		Y	Y	Y	Y				No
02.24	22.024	02.24	Description of Charge Advice Information (CAI)						Y			No
02.24	22.924		Charging and accounting mechanisms						w			Yes
02.25	02.25		GSM - DCS roaming: Requirements and Stage 1 descriptions			w						Yes
02.25	22.925		Quality of service and network performance						w			Yes
02.26	02.26		Operation of multi-band GSM/DCS 1800 network by a single operator			w						Yes
02.26	22.226		Global text telephony; Stage 1: Service description							Y		No
02.27	02.27		DECT access to GSM networks			w						Yes
02.27	22.127	02.27	Service Requirement for the Open Services Access (OSA) ; Stage 1							Y		No
02.27	22.227		Service requirements for the Open Service Access (OSA)							Y		No
02.28	02.28		UPT phase 1			w						Yes
02.28	22.228		IP multimedia subsystem; Stage 1								Y	No
02.29	02.29		Inter operation with UPT phase 2			w						Yes
02.29	22.129	02.29	Handover Requirements between UMTS and GSM or other Radio Systems						Y	Y		No
02.30	02.30		Man-machine Interface (MMI) of the Mobile Station (MS)	Y	Y	Y	Y	Y				No
02.30	22.030	02.30	Man-Machine Interface (MMI) of the Mobile Station (MS)						Y			No
02.31	02.31		Fraud Information Gathering System (FIGS) Service description ; Stage 1			w		Y	Y			No
02.32	02.32		Immediate Service Termination (IST); Service description ; Stage 1					Y	Y			No
02.33	02.33		Lawful Interception ; Stage 1			w		Y	Y			No
02.34	02.34		High Speed Circuit Switched Data (HSCSD) ; Stage 1			Y	Y	Y	w			No
02.34	22.034	02.34	High Speed Circuit Switched Data (HSCSD) ; Stage 1						Y			No
02.35	02.35		Universal access to freephone numbers - stage 1			w						Yes
02.35	22.135	02.35	Multicall Stage 1						Y			No
02.36	02.36		Premium rate services - stage 1			w						Yes
02.37	02.37		ISDN based DECT/GSM Interworking			w						Yes
02.38	02.38		SIM application toolkit (SAT); Stage 1			w						Yes
02.38	22.038	02.38	SIM application toolkit (SAT); Stage 1						Y	Y	Y	No
02.40	02.40		Procedures for Call Progress Indications	Y	Y	Y	Y	Y	w			No
02.40	22.140	02.40	Multimedia Messaging Service; Stage 1						Y	Y		No
02.41	02.41		Operator Determined Barring		Y	Y	Y	Y				No
02.41	22.041	02.41	Operator Determined Call Barring						Y	Y		No

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02.42	02.42		Network Identity and Timezone (NITZ); Service Description, Stage 1			Y	Y	Y	w			No
02.42	22.042	02.42	Network Identity and Time Zone (NITZ), stage 1						Y			No
02.43	02.43		Support of Localised Service Area (SoLSA); Service description; Stage 1					Y				No
02.43	22.043	02.43	Support of Localised Service Area (SoLSA) ; Stage 1						Y			No
02.45	22.945		Study of provision of fax service in GSM and UMTS						Y			No
02.48	02.48		Security mechanisms for the SIM Application Toolkit; Stage 1				Y	Y	Y			No
02.53	02.53		Tandem Free Operation (TFO); Service description; Stage 1					Y	Y			No
02.53	22.053	02.53	Tandem Free Operation of speech codecs; Stage 1 service description							w		Yes
02.56	02.56		GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1					Y	Y			No
02.57	02.57		Mobile Station Application Execution Environment (MExE) Service description Stage 1					Y	w			No
02.57	22.057	02.57	Mobile Station Application Execution Environment (MExE); Stage 1						Y	Y	Y	No
02.60	02.60		General Packet Radio Service Stage 1 Description			w	Y	Y	w			No
02.60	22.060	02.60	General Packet Radio Service (GPRS); Stage 1						Y	Y		No
02.60	22.960		Mobile multimedia services						w			Yes
02.63	02.63		Packet Data on Signalling channels Service (PDS) ; Stage 1			Y	Y	Y				No
02.66	02.66		Support of Mobile Number Portability (MNP); Service description; Stage 1			w		Y				No
02.66	22.066	02.66	Support of Mobile Number Portability (MNP); Stage 1						Y			No
02.67	02.67		Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP) ; Stage 1			Y	Y	Y				No
02.67	22.067	02.67	enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 1						Y	Y		No
02.68	02.68		Voice Group Call Service (VGCS) ; Stage 1			Y	Y	Y	Y			No
02.68	42.068	02.68	Voice Group Call Service (VGCS) ; Stage 1							Y		No
02.69	02.69		Voice Broadcast Service (VBS) ; Stage 1			Y	Y	Y	Y			No
02.69	42.069	02.69	Voice Broadcast Service (VBS) ; Stage 1							Y		No
02.70	22.970		Virtual Home Environment Report						w			Yes
02.71	02.71		Location Services (LCS) ; Stage 1					Y				No
02.71	22.071	02.71	Location Services (LCS); Stage 1						Y	Y		No
02.71	22.971		Automatic establishment of roaming relationships						Y			No
02.72	02.72		Call Deflection Service description, Stage 1			w		Y				No
02.72	22.072	02.72	Call Deflection (CD); Stage 1						Y			No
02.72	22.972		Circuit-switched multimedia						w			Yes
02.73	02.73		Malicious Call Identification (MCID) - stage 1			w						Yes
02.75	22.975		Advanced addressing						Y			No
02.76	02.76		Noise Suppression for the AMR						Y			No
02.76	22.976		Study on PS domain services and capabilities							Y		No
02.77	02.77		Emergency call TS12 with additional data transfer			w						Yes
02.78	02.78		Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)			Y	Y	Y	w			No

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02.78	22.078	02.78	CAMEL; Stage 1						Y	Y	Y	No
02.79	02.79		Support of Optimal Routeing (SOR); Service definition (Stage 1)			Y	Y	Y				No
02.79	22.079	02.79	Support of Optimal Routing; Stage 1						Y			No
02.81	02.81		Line Identification Supplementary Services ; Stage 1		Y	Y	Y	Y				No
02.81	22.081	02.81	Line Identification Supplementary Services; Stage 1						Y			No
02.82	02.82		Call Forwarding (CF) Supplementary Services ; Stage 1	Y	Y	Y	Y	Y	w			No
02.82	22.082	02.82	Call Forwarding (CF) Supplementary Services; Stage 1						Y			No
02.83	02.83		Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 1		Y	Y	Y	Y				No
02.83	22.083	02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1						Y			No
02.84	02.84		MultiParty (MPTY) Supplementary Services ; Stage 1		Y	Y	Y	Y				No
02.84	22.084	02.84	MultiParty (MPTY) Supplementary Service; Stage 1						Y			No
02.85	02.85		Closed User Group (CUG) Supplementary Services ; Stage 1		Y	Y	Y	Y				No
02.85	22.085	02.85	Closed User Group (CUG) Supplementary Services; Stage 1						Y			No
02.86	02.86		Advice of Charge (AoC) Supplementary Services ; Stage 1		Y	Y	Y	Y				No
02.86	22.086	02.86	Advice of Charge (AoC) Supplementary Services; Stage 1						Y			No
02.87	02.87		User-to-User Signalling (UUS) Service Description, Stage 1			w		Y				No
02.87	22.087	02.87	User-to-user signalling (UUS); Stage 1						Y			No
02.88	02.88		Call Barring (CB) Supplementary Services ; Stage 1	Y	Y	Y	Y	Y				No
02.88	22.088	02.88	Call Barring (CB) Supplementary Services; Stage 1						Y			No
02.90	02.90		Stage 1 Decision of Unstructured Supplementary Service Data (USSD)		Y	Y	Y	Y	w			No
02.90	22.090	02.90	Unstructured Supplementary Service Data (USSD); Stage 1						Y			No
02.91	02.91		Explicit Call Transfer (ECT)			Y	Y	Y				No
02.91	22.091	02.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 1						Y			No
02.92	02.92		Call Forward Enhancements (CFE) - Stage 1 description			w						Yes
02.93	02.93		Completion of Calls to Busy Subscriber (CCBS) Service Description ; Stage 1				Y	Y				No
02.93	22.093	02.93	Call Completion to Busy Subscriber (CCBS); Stage 1						Y			No
02.94	02.94		Follow Me Service description; Stage 1						Y			No
02.94	22.094	02.94	Follow Me Stage 1						w			No
02.95	02.95		Digital cellular telecommunications system (Phase 2+); Support of Private Numbering Plan (SPNP); Service description, Stage 1			Y	Y	Y	Y			No
02.96	02.96		Name Identification Supplementary Services; Stage 1				Y	Y				No
02.96	22.096	02.96	Calling Name Presentation (CNAP); Stage 1 (T1P1)						Y			No
02.97	02.97		Multiple Subscriber Profile (MSP) Service description, Stage 1			w		Y				No
02.97	22.097	02.97	Multiple Subscriber Profile (MSP); Stage 1						Y			No
02.98	02.98		New barring services - Stage 1 description			w						Yes
02.99	02.99		Direct Subscriber Access and Restriction (DSAR)- stage1			w						Yes
03.01	03.01		Network Functions	Y	Y	Y	Y	Y	w			No

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03.01	23.101	03.01	General UMTS Architecture						Y			No
03.02	03.02		Network Architecture	Y	Y	Y	Y	Y				No
03.02	23.002	03.02	Network Architecture						Y	Y	Y	No
03.03	03.03		Numbering, Addressing and Identification	Y	Y	Y	Y	Y				No
03.03	23.003	03.03	Numbering, Addressing and Identification						Y			No
03.04	03.04		Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	Y	Y	w	w					No
03.05	03.05		Technical performance objectives	Y	Y	Y	Y	Y	Y			No
03.05	23.205		Bearer-independent circuit-switched core network; Stage 2							Y		No
03.07	03.07		Restoration Procedures	Y	Y	Y	Y	Y				No
03.07	23.007	03.07	Restoration procedures						Y			No
03.07	23.107	03.07	Quality of Service, Concept and Architecture						Y	Y		No
03.07	23.207		End to end quality of service concept and architecture							Y		No
03.07	23.907		Quality of Service concept							Y		No
03.08	03.08		Organization of Subscriber Data	Y	Y	Y	Y	Y				No
03.08	23.008	03.08	Organisation of subscriber data						Y			No
03.08	23.108	03.08	Mobile Radio Interface Layer 3 specification Core Network Protocols stage 2 (structured procedures)						Y			No
03.08	23.908		Technical report on Pre-Paging						Y			No
03.09	03.09		Handover Procedures	Y	Y	Y	Y	Y				No
03.09	23.009	03.09	Handover procedures						Y			No
03.09	23.909		Technical report on the Gateway Location Register						Y			No
03.10	03.10		GSM Public Land Mobile Network (PLMN) Connection Types	Y	Y	Y	Y	Y	Y			No
03.10	23.010	03.10	GSM Public Land Mobile Network (PLMN) Connection Types						w			Yes
03.10	23.110	03.10	UMTS Access Stratum Services and Functions						Y			No
03.10	23.910		Circuit switched data bearer services						Y	Y		No
03.10	43.010	03.10	GSM Public Land Mobile Network (PLMN) Connection Types							Y		No
03.11	03.11		Technical Realization of Supplementary Services - General Aspects	Y	Y	Y	Y	Y				No
03.11	23.011	03.11	Technical Realization of Supplementary Services - General Aspects						Y			No
03.11	23.911		Technical report on Out-of-band transcoder control						Y			No
03.12	03.12		Location Registration Procedures	Y	Y	Y	Y	Y				No
03.12	23.012	03.12	Location management procedures						Y			No
03.12	23.912		Technical report on Super-Charger						Y			No
03.13	03.13		Discontinuous Reception (DRX) in the GSM System	Y	Y	Y	Y	Y	Y			No
03.13	23.913		UMTS Turbo-Charger							Y		Yes
03.14	03.14		Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	Y	Y	Y	Y	Y				No
03.14	23.014	03.14	Support of Dual Tone Multi Frequency (DTMF) signalling						Y			No
03.14	23.814		Separating RR and MM specific parts of the MS Classmark						Y			No

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03.15	03.15		Technical Realization of Operator Determined Barring		Y	Y	Y	Y				No
03.15	23.015	03.15	Technical realisation of Operator Determined Barring (ODB)						Y			No
03.16	03.16		Subscriber Data Management		Y	Y	Y	Y				No
03.16	23.016	03.16	Subscriber data management ; Stage 2						Y			No
03.16	23.116	03.16	Super Charger ; Stage 2						Y			No
03.17	03.17		Technical realization of Exchange of Network Capabilities Information (ENCI); Stage 2			w						Yes
03.18	03.18		Basic Call Handling			Y	Y	Y				No
03.18	23.018	03.18	Basic Call Handling - Technical realisation						Y	Y		No
03.18	23.218		IP Multimedia (IM) session handling; IM call model								Y	No
03.19	03.19		GSM API for SIM toolkit stage 2					Y	Y			No
03.19	23.119	03.19	Gateway Location Register (GLR) ; Stage2						Y			No
03.20	03.20		Security-related Network Functions	Y	Y	Y	Y	Y	Y			No
03.20	23.920		Evolution of the GSM platform towards UMTS						w			Yes
03.20	43.020	03.20	Security-related Network Functions							Y		No
03.21	23.121		Architecture Requirements for release 99						Y		Y	No
03.21	23.221		Architectural requirements							Y		No
03.21	23.821		Architecture Principles for Release 2000							Y		No
03.22	03.22		Functions Related to Mobile Station (MS) in Idle Mode		Y	Y	Y	Y	Y			No
03.22	23.022	03.22	Functions related to Mobile Station (MS) in idle mode						w			Yes
03.22	23.122	03.22	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode						Y			No
03.22	23.922		Architecture for an All IP network						Y			No
03.22	43.022	03.22	Functions Related to Mobile Station (MS) in Idle Mode							Y		No
03.23	23.923		Combined GSM and Mobile IP mobility handling in UMTS IP CN						Y			No
03.25	23.925		UMTS Core network based ATM transport						Y			No
03.26	03.26		Multiband operation of GSM/DCS 1800 by a single operator		Y	Y	Y	Y	Y			No
03.26	23.226		Global text telephony; Stage 2: Architecture							Y		No
03.27	23.127		Virtual Home Environment; Stage 2						Y	Y		No
03.27	23.227		Terminal local model							Y		No
03.27	23.927		VHE, Open Service Architecture						w			Yes
03.28	23.228		IP multimedia subsystem; Stage 2								Y	No
03.30	03.30		Radio Network Planning Aspects		Y	Y	Y	Y	Y			No
03.30	23.930		Iu Principles						Y			No
03.30	43.030	03.30	Radio Network Planning Aspects							Y		No
03.31	03.31		Fraud Information Gathering System (FIGS); Service description; Stage 2					Y	Y			No
03.32	03.32		Universal Geographical Area Description (GAD)			Y	Y	Y				No
03.32	23.032	03.32	Universal Geographical Area Description (GAD)						Y			No

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03.33	03.33		Lawful Interception ; Stage 2					Y	Y			No
03.34	03.34		High Speed Circuit Switched Data (HSCSD); Stage 2			Y	Y	Y				No
03.34	23.034	03.34	High Speed Circuit Switched Data (HSCSD) ; Stage 2						Y			No
03.35	03.35		Immediate Service Termination (IST); Stage 2					Y	Y			No
03.35	23.135	03.35	Multicall ; Stage 2						Y	Y		No
03.36	03.36		Premium rate services - stage 2			w						Yes
03.38	03.38		Alphabets and Language Specific Information for GSM		Y	Y	Y	Y				No
03.38	23.038	03.38	Alphabets & Language						Y	Y		No
03.39	03.39		Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)		w	w	w	w				Yes
03.39	23.039	03.39	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)						Y			No
03.40	03.40		Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	Y	Y	Y	Y	Y				No
03.40	23.040	03.40	Technical realisation of Short Message Service						Y	Y		No
03.40	23.140	03.40	Multimedia Messaging Service (MMS)						Y	Y		No
03.41	03.41		Technical Realization of Short Message Service Cell Broadcast (SMSCB)	Y	Y	Y	Y	Y				No
03.41	23.041	03.41	Technical Realization of Cell Broadcast Service						Y			No
03.42	03.42		SMS Compression			Y	Y	Y				No
03.42	23.042	03.42	Compression algorithm for SMS						Y			No
03.43	03.43		Support of Videotex	Y	Y	Y	Y	Y	w			No
03.43	23.043	03.43	Support of Videotex						w			Yes
03.44	03.44		Support of Teletex in a GSM Public Land Mobile Network (PLMN)	Y	Y	Y	Y	Y	w			No
03.44	23.044	03.44	Support of Teletex						w			Yes
03.45	03.45		Technical Realization of Facsimile Group 3 Service - transparent	Y	Y	Y	Y	Y	Y			No
03.45	23.045	03.45	Technical Realization of Facsimile Group 3 Service - transparent						w			Yes
03.46	03.46		Technical Realization of Facsimile Group 3 Service - non transparent	Y	Y	Y	Y	Y	Y			No
03.46	23.046	03.46	Technical realisation of facsimile Group 3 service - non-transparent						w			Yes
03.46	23.146	03.46	Technical realisation of facsimile Group 3 service - non-transparent							Y		No
03.47	03.47		Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)		Y	Y	Y	Y	w			No
03.48	03.48		Security Mechanisms for SIM Toolkit Application ; Stage 2	Y			Y	Y	Y			No
03.49	03.49		Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)		Y	Y	Y	Y	w			No
03.50	03.50		Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	Y	Y	Y	Y	Y	Y			No
03.51	43.051		GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2							Y	Y	No
03.52	03.52		Lower layers of the GSM Cordless Telephony System (CTS) radio interface ; Stage 2					Y	Y			No
03.53	03.53		Tandem Free Operation (TFO); Service description; Stage 2					Y	Y			No

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03.53	23.053	03.53	Tandem Free Operation (TFO); Service description; Stage 2						w			Yes
03.53	23.153	03.53	Out of Band Transcoder Control ; Stage 2							Y		No
03.54	03.54		Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2			Y	Y	Y				No
03.54	23.054	03.54	Shared Interworking Functions ; Stage 2						Y			No
03.55	03.55		Dual Transfer Mode (DTM); Stage 2						Y			No
03.55	23.955		Virtual Home Environment (VHE) concepts								Y	No
03.56	03.56		GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2					Y	w			No
03.57	03.57		Mobile Station Application Execution Environment (MExE); Functional description; Stage 2					Y				No
03.57	23.057	03.57	Mobile Station Application Execution Environment (MExE)						Y	Y		No
03.58	03.58		Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)				Y	Y	Y			No
03.59	03.59		Location services (LCS) GERAN; Stage 2									No
03.59	43.059	03.59	Location services (LCS) GERAN; Stage 2							Y		No
03.60	03.60		General Packet Radio Service (GPRS) Service description; Stage 2				Y	Y				No
03.60	23.060	03.60	General Packet Radio Service (GPRS) Service description; Stage 2						Y			No
03.60	23.960		Framework of network functions to support multimedia services						w			Yes
03.61	03.61		General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2				w					Yes
03.62	03.62		General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 2				w					Yes
03.63	03.63		Packet Data on Signalling channels service (PDS) Service description, Stage 2			Y	Y	Y	Y			No
03.64	03.64		Overall description of the GPRS radio interface; Stage 2				Y	Y	Y			No
03.64	43.064	03.64	Overall description of the GPRS radio interface; Stage 2							Y		No
03.66	03.66		Support of GSM Mobile Number Portability (MNP); Stage 2					Y				No
03.66	23.066	03.66	Support of GSM Mobile Number Portability (MNP) stage 2						Y			No
03.67	03.67		Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2			Y	Y	Y				No
03.67	23.067	03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP) ; Stage 2						Y	Y		No
03.68	03.68		Voice Group Call Service (VGCS); Stage 2			Y	Y	Y	Y			No
03.68	43.068	03.68	Voice Group Call Service (VGCS); Stage 2							Y		No
03.69	03.69		Voice Broadcast service (VBS); Stage 2			Y	Y	Y	Y			No
03.69	23.069	03.69	Voice Broadcast service (VBS); Stage 2						w			Yes
03.69	43.069	03.69	Voice Broadcast service (VBS); Stage 2							Y		No
03.70	03.70		Routeing of Calls to/from Public Data Networks (PDN)	Y	Y	Y	Y	Y				No
03.70	23.070	03.70	Routeing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)						w			Yes
03.71	03.71		Location services (LCS); Stage 2					Y	Y			No
03.71	23.071	03.71	Location services (LCS) stage 2						w			Yes
03.71	23.171	03.71	Functional stage 2 description of location services in UMTS						Y			No
03.71	23.271		Functional stage 2 description of location services							Y		No

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03.72	03.72		Call Deflection stage 2					Y				No
03.72	23.072	03.72	Call Deflection Supplementary Service ; Stage 2						Y			No
03.72	23.972		Circuit Switched Multimedia Telephony						Y			No
03.73	03.73		Support of Localised Service Area (SoLSA); Stage 2					Y				No
03.73	23.073	03.73	Support of Localised Service Area (SoLSA) ; Stage 2						Y			No
03.73	23.873		Feasibility study fro transport and control separation in the PS CN domain							Y		No
03.74	23.874		Feasibility study of architecture for network requested PDP context activation with User-ID							Y		No
03.74	23.974		Support of push service							Y		No
03.78	03.78		CAMEL Phase 2; Stage 2			Y	Y	Y				No
03.78	23.078	03.78	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 3 - Stage 2						Y			No
03.79	03.79		Support of Optimal Routing phase 1; Stage 2			Y	Y	Y				No
03.79	23.079	03.79	Support of Optimal Routeing - Phase 1 ; Stage 2						Y	Y		No
03.81	03.81		Line Identification Supplementary Services; Stage 2		Y	Y	Y	Y				No
03.81	23.081	03.81	Line Identification Supplementary Services ; Stage 2						Y			No
03.82	03.82		Call Forwarding (CF) Supplementary Services; Stage 2	Y	Y	Y	Y	Y	w			No
03.82	23.082	03.82	Call Forwarding (CF) Supplementary Services ; Stage 2						Y			No
03.83	03.83		Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2		Y	Y	Y	Y				No
03.83	23.083	03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service ; Stage 2						Y	Y		No
03.84	03.84		Multi Party (MPTY) Supplementary Services; Stage 2		Y	Y	Y	Y				No
03.84	23.084	03.84	MultiParty (MPTY) Supplementary Service ; Stage 2						Y			No
03.85	03.85		Closed user Group (CUG) Supplementary Services; Stage 2		Y	Y	Y	Y				No
03.85	23.085	03.85	Closed User Group (CUG) Supplementary Service ; Stage 2						Y			No
03.86	03.86		Advice of Charge (AoC) Supplementary Services; Stage 2		Y	Y	Y	Y				No
03.86	23.086	03.86	Advice of Charge (AoC) Supplementary Service ; Stage 2						Y			No
03.87	03.87		User-to-user signalling (UUS); Stage 2					Y				No
03.87	23.087	03.87	User-to-User Signalling (UUS) ; Stage 2						Y			No
03.88	03.88		Call Barring (CB) supplementary services ; Stage 2	Y	Y	Y	Y	Y				No
03.88	23.088	03.88	Call Barring (CB) Supplementary Service ; Stage 2						Y			No
03.90	03.90		Unstructured Supplementary Service Data (USSD)		Y	Y	Y	Y				No
03.90	23.090	03.90	Unstructured Supplementary Service Data (USSD) ; Stage 2						Y			No
03.91	03.91		Explicit Call Transfer (ECT) Supplementary Service; Stage 2			Y	Y	Y				No
03.91	23.091	03.91	Explicit Call Transfer (ECT) Supplementary Service ; Stage 2						Y			No
03.93	03.93		Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2				Y	Y				No
03.93	23.093	03.93	Call Completion to Busy Subscriber (CCBS) ; Stage 2						Y	Y		No
03.94	03.94		Follow Me Service description; Stage 2			w						Yes
03.94	23.094	03.94	Follow Me Stage 2						Y			No

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04.30	04.30		Location Services LCS Stage 3 SS (MO-LR)					Y				No
04.30	24.030	04.30	Location Services LCS Stage 3 SS (MO-LR)						Y			No
04.31	04.31		Location Services LCS RR LCS Protocol					Y	Y			No
04.33	04.33		Lawful interception; Stage 3					w				Yes
04.35	04.35		Location Services LCS Stage 3 E-OTD Enhanced Observed					Y	Y			No
04.35	24.135	04.35	Multicall Stage 3						Y			No
04.36	04.36		Premium rate services - stage 3			w						Yes
04.46	24.946		reserved							Y		No
04.53	04.53		Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3					w				Yes
04.56	04.56		GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification					Y	Y			No
04.57	04.57		GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification					Y	Y			No
04.60	04.60		General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol				Y	Y	Y			No
04.60	44.060	04.60	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol							Y		No
04.61	04.61		General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3				w					Yes
04.62	04.62		General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3				w					Yes
04.63	04.63		Packet Data on Signalling channels Service (PDS) Service Description, Stage 3			Y	Y	Y	Y			No
04.64	04.64		Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification			w	Y	Y	Y			No
04.65	04.65		Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)			w	Y	Y	Y			No
04.65	24.065	04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)						w			Yes
04.65	44.065	04.65	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)							Y		No
04.67	04.67		Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 3			Y	Y	Y				No
04.67	24.067	04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 3						Y			No
04.68	04.68		Group Call Control (GCC) Protocol			Y	Y	Y	Y			No
04.68	24.068	04.68	Group Call Control (GCC) Protocol						w			Yes
04.68	44.068	04.68	Group Call Control (GCC) Protocol							Y		No
04.69	04.69		Broadcast Call Control (BCC) protocol			Y	Y	Y	Y			No
04.69	24.069	04.69	Broadcast Call Control (BCC) protocol						w			Yes
04.69	44.069	04.69	Broadcast Call Control (BCC) protocol							Y		No
04.70	04.70		Payphone services - stage 3			w						Yes
04.71	04.71		Location services (LCS) stage 3					Y	Y			No
04.72	04.72		Call Deflection (CD) Supplementary Service; Stage 3					Y				No
04.72	24.072	04.72	Call Deflection Supplementary Service ; Stage 3						Y			No

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04.73	04.73		Malicious Call Identification (MCID) - stage 3			w						Yes
04.78	04.78		Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 3			w						Yes
04.79	04.79		Support of Optimal routing - stage 3			w						Yes
04.80	04.80		Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	Y	Y	Y	Y	Y				No
04.80	24.080	04.80	Mobile radio Layer 3 Supplementary Service specification - Formats and coding						Y			No
04.81	04.81		Line Identification Supplementary Services ; Stage 3		Y	Y	Y	Y				No
04.81	24.081	04.81	Line Identification Supplementary Service ; Stage 3						Y			No
04.82	04.82		Call Forwarding (CF) Supplementary Services - Stage 3	Y	Y	Y	Y	Y				No
04.82	24.082	04.82	Call Forwarding Supplementary Service ; Stage 3						Y			No
04.83	04.83		Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 3		Y	Y	Y	Y				No
04.83	24.083	04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service ; Stage 3						Y			No
04.84	04.84		Multi Party (MPTY) Supplementary Services ; Stage 3		Y	Y	Y	Y				No
04.84	24.084	04.84	MultiParty (MPTY) Supplementary Service ; Stage 3						Y			No
04.85	04.85		Closed User Group (CUG) Supplementary Services ; Stage 3		Y	Y	Y	Y				No
04.85	24.085	04.85	Closed User Group (CUG) Supplementary Service ; Stage 3						Y			No
04.86	04.86		Advice of Charge (AoC) Supplementary Services ; Stage 3		Y	Y	Y	Y				No
04.86	24.086	04.86	Advice of Charge (AoC) Supplementary Service ; Stage 3						Y			No
04.87	04.87		User-to-User Signalling (UUS) Supplementary Service Stage 3					Y				No
04.87	24.087	04.87	User-to-User Signalling (UUS) ; Stage 3						Y			No
04.88	04.88		Call Barring (CB) Supplementary Services ; Stage 3	Y	Y	Y	Y	Y				No
04.88	24.088	04.88	Call Barring (CB) Supplementary Service ; Stage 3						Y			No
04.90	04.90		Unstructured Supplementary Service Data (USSD)		Y	Y	Y	Y				No
04.90	24.090	04.90	Unstructured Supplementary Service Data (USSD) ; Stage 3						Y			No
04.91	04.91		Explicit Call Transfer (ECT) Supplementary Service ; Stage 3			Y	Y	Y				No
04.91	24.091	04.91	Explicit Call Transfer (ECT) Supplementary Service ; Stage 3						Y			No
04.93	04.93		Completion of Calls to Busy Subscriber (CCBS); Stage 3				Y	Y				No
04.93	24.093	04.93	Call Completion to Busy Subscriber (CCBS) ; Stage 3						Y			No
04.94	04.94		Follow Me Service description ; Stage 3						w			Yes
04.94	24.094	04.94	Follow Me ; Stage 3						w			Yes
04.96	04.96		Name Identification Supplementary Services; Stage 3				Y	Y				No
04.96	24.096	04.96	Name Identification Supplementary Service ; Stage 3						Y			No
04.98	04.98		New barring services - Stage 3 description			w						Yes
04.99	04.99		Direct subscriber access and restriction - stage 3			w						Yes
05.01	05.01		Physical Layer on the Radio Path (General Description)	Y	Y	Y	Y	Y	Y			No
05.01	25.101	05.01	UE Radio transmission and reception (FDD)						Y			No
05.01	25.201		Physical layer -General Description						Y			No

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05.01	25.301		Radio Interface Protocol Architecture						Y			No
05.01	25.401		UTRAN Overall Description						Y			No
05.01	45.001	05.01	Physical Layer on the Radio Path (General Description)							Y	Y	No
05.02	05.02		Multiplexing and Multiple Access on the Radio Path	Y	Y	Y	Y	Y	Y			No
05.02	25.102	05.02	UE Radio transmission and reception (TDD)						Y			No
05.02	25.302		Services provided by the physical layer						Y			No
05.02	25.402		Synchronisation in UTRAN Stage 2						Y			No
05.02	45.002	05.02	Multiplexing and Multiple Access on the Radio Path							Y	Y	No
05.03	05.03		Channel coding	Y	Y	Y	Y	Y	Y			No
05.03	25.103	05.03	RF parameters in support of RRM						w			Yes
05.03	25.303		UE functions and inter-layer procedures in connected mode						Y			No
05.03	45.003	05.03	Channel coding							Y	Y	No
05.04	05.04		Modulation	Y	Y	Y	Y	Y	Y			No
05.04	25.104	05.04	UTRA (BS) FDD; Radio transmission and reception						Y			No
05.04	25.304		UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode						Y			No
05.04	45.004	05.04	Modulation							w		No
05.05	05.05		Radio Transmission and Reception	Y	Y	Y	Y	Y	Y			No
05.05	25.105	05.05	UTRA (BS) TDD: Radio transmission and reception						Y			No
05.05	25.305		Stage 2 functional specification of UE positioning in UTRAN						Y			No
05.05	45.005	05.05	Radio transmission and reception							Y		No
05.06	25.106		UTRA Repeater; Radio transmission and reception							Y		No
05.06	25.306		UE Radio Access capabilities definition						Y			No
05.07	25.107		UTRA Repeater; Conformance testing							w		Yes
05.08	05.08		Radio Subsystem Link Control	Y	Y	Y	Y	Y	Y			No
05.08	45.008	05.08	Radio subsystem link control							Y	Y	No
05.09	05.09		Link adaptation					Y	Y			No
05.09	45.009	05.09	Link adaptation								Y	No
05.10	05.10		Radio subsystem synchronization	Y	Y	Y	Y	Y	Y			No
05.10	25.410		UTRAN Iu Interface: General Aspects and Principles						Y			No
05.11	25.211		Physical channels and mapping of transport channels onto physical channels (FDD)						Y			No
05.11	25.411		UTRAN Iu interface Layer 1						Y			No
05.12	25.212		Multiplexing and channel coding (FDD)						Y			No
05.12	25.412		UTRAN Iu interface signalling transport						Y			No
05.13	25.113		Base station EMC						Y			No
05.13	25.213		Spreading and modulation (FDD)						Y			No
05.13	25.413		UTRAN Iu interface RANAP signalling						Y			No

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05.14	05.14		Release independent frequency bands; Implementation guidelines				Y	Y	w			No
05.14	25.214		Physical layer procedures (FDD)						Y			No
05.14	25.414		UTRAN Iu interface data transport & transport signalling						Y			No
05.15	25.215		Physical layer; Measurements (FDD)						Y			No
05.15	25.415		UTRAN Iu interface user plane protocols						Y			No
05.18	05.18		Hands free mobile station			w						Yes
05.19	05.19		Service to GSM handportables in trains			w						Yes
05.19	25.419		UTRAN Iu interface: Cell broadcast protocols between SMS-CBC and RNC						Y			No
05.20	05.20		Fast moving Mobile Station (study)			w						Yes
05.20	25.420		UTRAN Iur Interface: General Aspects and Principles						Y			No
05.21	05.21		DCS 1800; 4 Watt Mobile Power Class - study				w					Yes
05.21	25.221		Physical channels and mapping of transport channels onto physical channels (TDD)						Y			No
05.21	25.321		Medium Access Control (MAC) Protocol Specification						Y			No
05.21	25.421		UTRAN Iur interface Layer 1						Y			No
05.21	25.921		Guidelines and principles for protocol description and error handling						Y			No
05.22	05.22		Radio link management in hierarchical networks		Y	Y	Y	Y	Y			No
05.22	25.222		Multiplexing and channel coding (TDD)						Y			No
05.22	25.322		Radio Link Control (RLC) Protocol Specification						Y			No
05.22	25.422		UTRAN Iur interface signalling transport						Y			No
05.22	25.922		Radio Resource Management Strategies						Y			No
05.23	25.123		Requirements for support of radio resource management (TDD)						Y			No
05.23	25.223		Spreading and modulation (TDD)						Y			No
05.23	25.323		Packet Data Convergence Protocol (PDCP) protocol						Y			No
05.23	25.423		UTRAN Iur interface RNSAP signalling						Y			No
05.23	25.923		Stage 2 Functional Specification of Location Services in UTRAN						w			Yes
05.24	25.224		Physical layer procedures (TDD)						Y			No
05.24	25.324		Broadcast/Multicast Control (BMC)						Y			No
05.24	25.424		UTRAN Iur interface data transport & transport signalling for CCH data streams						Y			No
05.24	25.924		Opportunity Driven Multiple Access (ODMA)							Y		No
05.25	25.225		Physical layer; Measurements (TDD)						Y			No
05.25	25.425		UTRAN Iur interface user plane protocols for CCH data streams						Y			No
05.25	25.925		Radio Interface for Broadcast/Multicast Services						Y			No
05.26	25.426		UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams						Y			No
05.26	25.926		UE Radio Access capabilities definition						w			Yes
05.27	25.427		UTRAN Iur and Iub interface user plane protocols for DCH data streams						Y			No
05.28	25.928		1,28Mcps UTRA TDD Physical Layer							Y		No

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05.30	05.30		General packet radio service requirements			w						Yes
05.30	25.430		UTRAN Iub Interface: General Aspects and Principles						Y			No
05.31	25.331		Radio Resource Control (RRC) Protocol Specification						Y			No
05.31	25.431		UTRAN Iub interface Layer 1						Y			No
05.31	25.831		Study Items for future release						Y			No
05.31	25.931		UTRAN Functions, examples on signalling procedures						Y			No
05.32	25.432		UTRAN Iub interface signalling transport						Y			No
05.32	25.832		Manifestations of Handover and SRNS relocation						Y			No
05.32	25.932		Delay budget within the access stratum							w		Yes
05.33	25.133		Requirements for support of radio resource management (FDD)						Y			No
05.33	25.433		UTRAN Iub interface NBAP signalling						Y			No
05.33	25.833		Physical layer items not for inclusion in Release 99						Y			No
05.33	25.933		IP Transport in UTRAN							Y		No
05.34	25.434		UTRAN Iub interface data transport & transport signalling for CCH data streams						Y			No
05.34	25.834		UTRA TDD low chip rate option; Radio protocol aspects							Y		No
05.34	25.934		AAL2 QoS optimization							Y		No
05.35	25.435		UTRAN Iub interface user plane protocols for CCH data streams						Y			No
05.35	25.835		Report on hybrid ARQ type II/III							Y		No
05.35	25.935		RRM optimisation							Y		No
05.36	25.836		Node B synchronization for TDD							Y		No
05.36	25.936		Handover for realtime services from PS-domain							Y		No
05.37	25.837		Hybrid ARQ Type II/III (Iub/Iur aspects)							Y		No
05.37	25.937		UTRAN TDD low chiprate							Y		No
05.38	25.838		Node B Synchronisation for TDD (Iub/Iur aspects)							Y		No
05.38	25.938		Terminal power saving features							Y		No
05.39	25.839		Uplink Synchronous Transmission Scheme (USTS) (Iur/Iub aspects)							Y		No
05.40	25.840		Terminal power saving features							Y		No
05.41	25.141		Base station conformance testing (FDD)						Y			No
05.41	25.841		DSCH power control improvement in soft handover							Y		No
05.41	25.941		Document structure						Y			No
05.42	25.142		Base station conformance testing (TDD)						Y			No
05.42	25.442		UTRAN Implementation Specific O&M Transport						Y			No
05.42	25.842		Smart antenna							Y		No
05.42	25.942		RF system scenarios						Y			No
05.43	25.143		UTRA Repeater; Conformance testing							Y		No
05.43	25.843		1,28 Mcps TDD UE Radio Access Capabilities							Y		No

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05.43	25.943		Deployment aspects							Y		No
05.44	25.844		Radio acces bearer support enhancements							Y		No
05.44	25.944		Channel coding and multiplexing examples						Y			No
05.45	25.845		FDD RACH and AICH performance requirements							Y		No
05.45	25.945		RF requirements for low chip rate TDD option							Y		No
05.46	25.846		CPCH performance							w		Yes
05.46	25.946		RAB Quality of Service Negotiation over lu							Y		No
05.47	25.847		UE positioning enhancements							Y		No
05.48	25.848		Physical Layer Aspects of UTRA High Speed Downlink Packet Access							Y		No
05.49	25.849		DSCH power control improvement in soft handover							Y		No
05.50	05.50		Background for RF Requirements		Y	Y	Y	Y	Y			No
05.50	25.850		UE positioning in UTRAN lub/lu protocol aspects							Y		No
05.50	25.950		UTRA high speed downlink packet access							Y		No
05.51	25.851		RAB Quality of Service Renegotiation over lu							Y		No
05.51	25.951		Base Station classification (FDD)							Y		No
05.52	25.852		Radio access bearer support enhancements for the lu							Y		No
05.52	25.952		Base Station classification (TDD)							Y		No
05.53	25.053		Tandem Free Operation (TFO); Service description; Stage 2						w			Yes
05.53	25.853		Delay budget within the access stratum						Y			No
05.53	25.953		TrFO/TFO							Y		No
05.54	25.854		Uplink Synchronous Transmission Scheme (USTS)								Y	No
05.54	25.954		Migration to modification procedure							Y		No
05.56	05.56		CTS-FP Radio Sub-system					Y	Y			No
05.56	25.956		UTRA repeater: Planning guidelines and system analysis								Y	No
05.71	25.371		LMU signalling							w		Yes
05.75	25.875		NAS node selector function								Y	No
05.90	05.90		GSM Electro Magnetic Compatibility (EMC) Considerations		Y	Y	Y	Y				No
05.90	25.990		Vocabulary for UTRAN						Y			No
06.01	06.01		Full Rate Speech Processing Functions	Y	Y	Y	Y	Y	Y			No
06.01	26.101	06.01	AMR speech Codec; Frame Structure						Y			No
06.01	26.201		AMR speech codec, wideband; Frame structure							Y		No
06.01	26.901		AMR Wideband Speech Codec Feasibility Study Report							Y		No
06.02	06.02		Half Rate Speech Processing Functions		Y	Y	Y	Y	Y			No
06.02	26.102	06.02	AMR speech Codec; Interface to lu and Uu						Y			No
06.02	26.202		AMR speech codec, wideband; Interface to lu and Uu							Y		No
06.03	26.103		Codec lists						Y	Y		No

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06.04	26.104		AMR speech Codec; Floating point C-Code						Y	Y		No
06.06	06.06		Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec		Y	Y	Y	Y	Y			No
06.07	06.07		Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec		Y	Y	Y	Y	Y			No
06.08	06.08		Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec		Y	Y	Y	Y	Y			No
06.10	06.10		Full Rate Speech Transcoding	Y	Y	Y	Y	Y	Y			No
06.10	26.110	06.10	Codec for Circuit switched Multimedia Telephony Service; General Description						Y	Y		No
06.11	06.11		Substitution and Muting of Lost Frames for Full Rate Speech Channels	Y	Y	Y	Y	Y	Y			No
06.11	26.111	06.11	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324						Y			No
06.11	26.911		Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide						Y	Y		No
06.12	06.12		Comfort Noise Aspects for Full Rate Speech Traffic Channels	Y	Y	Y	Y	Y	Y			No
06.12	26.112	06.12	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements						w			Yes
06.12	26.912		Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G						Y			No
06.13	26.913		Quantitative performance evaluation of real-time packet switched multimedia services over 3G						Y			No
06.15	26.115		Transmission Delay and Echo Control Planning For Speech and Multi-Media Services						w			No
06.15	26.915		Echo Control For Speech and Multi-Media Services						Y			No
06.20	06.20		Half Rate Speech Transcoding		Y	Y	Y	Y	Y			No
06.20	26.920		Architectural Model for the 3G Transcoders							w		Yes
06.21	06.21		Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels		Y	Y	Y	Y	Y			No
06.21	26.121	06.21	Technical Specification for Tandem Free Operation within 3G networks						w			Yes
06.22	06.22		Comfort Noise Aspects for Half Rate Speech Traffic Channels		Y	Y	Y	Y	Y			No
06.22	26.122	06.22	Technical Specification for Tandem Free Operation between 3G and 2G networks						w			Yes
06.26	26.226		Global text telephony; Transport of text in the voice channel							Y		No
06.30	26.230		Global text telephony; Cellular text telephone modem transmitter C-code description							Y		No
06.31	06.31		Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	Y	Y	Y	Y	Y	Y			No
06.31	26.131	06.31	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Characteristics						Y			No
06.31	26.231		Global text telephony; Cellular text telephone modem minimum performance requirements								Y	No
06.32	06.32		Voice Activity Detection (VAD)	Y	Y	Y	Y	Y	Y			No
06.32	26.132	06.32	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Test Specification.						Y			No
06.33	26.133		Wide band speech telephony terminal acoustic characteristics						w			Yes
06.33	26.233		End-to-end transparent streaming service; General description							Y		No
06.34	26.134		Wide band speech telephony terminal acoustic test specification						w			Yes
06.34	26.234		End-to-end transparent streaming service; Protocols and codecs							Y		No
06.35	26.135		Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony						w			Yes
06.35	26.235		Packet switched conversational multimedia applications; Default codecs							Y		No

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06.36	26.136		Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony						w			Yes
06.37	26.137		Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony						w			Yes
06.38	26.138		Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony						w			Yes
06.41	06.41		Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels		Y	Y	Y	Y	Y			No
06.42	06.42		Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels		Y	Y	Y	Y	Y			No
06.51	06.51		GSM Enhanced full rate speech processing functions: General description		Y	Y	Y	Y	Y			No
06.53	06.53		ANSI-C code for the GSM Enhanced full rate speech codec		Y	Y	Y	Y	Y			No
06.54	06.54		Test sequences for the GSM Enhanced Full Rate (EFR)		Y	Y	Y	Y	Y			No
06.55	06.55		Performance characterisation of the GSM EFR Speech Codec		Y	Y	Y	Y	Y			No
06.60	06.60		Enhanced full rate speech transcoding		Y	Y	Y	Y	Y			No
06.61	06.61		Substitution and muting of lost frames for enhanced full rate speech traffic channels		Y	Y	Y	Y	Y			No
06.62	06.62		Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels		Y	Y	Y	Y	Y			No
06.71	06.71		Adaptive Multi-Rate speech processing functions; General description					Y				No
06.71	26.071	06.71	AMR speech Codec; General description						Y			No
06.71	26.171	06.71	AMR speech codec, wideband; General description							Y		No
06.73	06.73		ANSI-C code for the GSM Adaptive Multi Rate (AMR) speech codec					Y				No
06.73	26.073	06.73	AMR speech Codec; C-source code						Y			No
06.73	26.173	06.73	AMR speech codec, wideband; C-source code							Y		No
06.74	06.74		Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec					Y				No
06.74	26.074	06.74	AMR speech Codec; Test sequences						Y			No
06.74	26.174	06.74	AMR speech codec, wideband; Test sequences							Y		No
06.75	06.75		AMR performan characterisation					Y				No
06.75	26.075	06.75	AMR speech Codec; Performance Charaterization of the GSM AMR Speech Codec						w			Yes
06.75	26.975		Performance characterization of the AMR speech codec						Y			No
06.76	06.76		Adaptive Multi-Rate (AMR) speech codec; Study phase report					Y	Y			No
06.77	06.77		Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder						Y			No
06.78	06.78		Results of the AMR noise suppression selection phase						Y			No
06.81	06.81		Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels		Y	Y	Y	Y	Y			No
06.82	06.82		Voice Activity Detection (VAD) for enhanced full rate speech traffic channels		Y	Y	Y	Y	Y			No
06.85	06.85		Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation			Y	Y	Y	Y			No
06.90	06.90		Adaptive Multi-Rate speech transcoding					Y				No
06.90	26.090	06.90	AMR speech Codec; Transcoding Functions						Y			No
06.90	26.190	06.90	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions							Y		No
06.91	06.91		Substitution and muting of lost frames for AMR speech traffic channels					Y				No
06.91	26.091	06.91	AMR speech Codec; Error concealment of lost frames						Y			No

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06.91	26.191	06.91	AMR speech codec, wideband; Error concealment of lost frames							Y		No
06.92	06.92		Comfort noise aspects for Adaptive Multi-Rate speech traffic channels					Y				No
06.92	26.092	06.92	AMR speech Codec; comfort noise for AMR Speech Traffic Channels						Y			No
06.92	26.192	06.92	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects							Y		No
06.93	06.93		Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels					Y				No
06.93	26.093	06.93	AMR speech Codec; Source Controlled Rate operation						Y	Y		No
06.93	26.193	06.93	AMR speech codec, wideband; Source Controlled Rate operation							Y		No
06.94	06.94		Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels					Y				No
06.94	26.094	06.94	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels						Y			No
06.94	26.194	06.94	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)							Y		No
07.01	07.01		General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	Y	Y	Y	Y	Y	w			No
07.01	27.001	07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)						Y	Y		No
07.01	27.901		Report on Terminal Interfaces - An Overview						Y			No
07.02	07.02		Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	Y	Y	Y	Y	Y	w			No
07.02	27.002	07.02	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities						Y	Y		No
07.03	07.03		Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	Y	Y	Y	Y	Y	w			No
07.03	27.003	07.03	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities						Y	Y		No
07.03	27.103	07.03	Wide Area Network Synchronisation						Y			No
07.03	27.903		Discussion of Synchronisation Standards						Y			No
07.04	27.104		vObjects and other constructs for data synchronization							Y		No
07.05	07.05		Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)		Y	Y	Y	Y				No
07.05	27.005	07.05	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE - DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)						Y			No
07.06	07.06		Use of the V Series Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface at the Mobile Station (MS) for Mobile Termination (MT) configuration		w							Yes
07.07	07.07		AT Command set for GSM Mobile Equipment (ME)		Y	Y	Y	Y				No
07.07	27.007	07.07	AT command set for 3G User Equipment (UE)						Y	Y		No
07.08	07.08		GSM Application Programming Interface			Y			w			No
07.10	07.10		Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol				Y	Y				No
07.10	27.010	07.10	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol User Equipment (UE)						Y			No
07.26	27.226		Global Text telephony; Terminal aspects							Y		No
07.57	07.57		Mobile Station Application Execution Environment (MEExE); Stage 3			w						Yes
07.60	07.60		General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS			Y	Y	Y				No
07.60	27.060	07.60	GPRS Mobile Stations supporting GPRS						Y			No
08.01	08.01		General Aspects on the BSS-MSC Interface	Y	Y	Y	Y	Y	Y			No

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08.02	08.02		Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	Y	Y	Y	Y	Y	Y			No
08.04	08.04		Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	Y	Y	Y	Y	Y	Y			No
08.06	08.06		Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	Y	Y	Y	Y	Y	Y			No
08.08	08.08		Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	Y	Y	Y	Y	Y	Y			No
08.08	48.008	08.08	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification							Y		No
08.14	08.14		General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1				Y	Y	Y			No
08.16	08.16		General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service				Y	Y	Y			No
08.16	48.016	08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service							Y		No
08.18	08.18		General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				Y	Y	Y			No
08.18	48.018	08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol							Y		No
08.20	08.20		Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	Y	Y	Y	Y	Y	Y			No
08.20	28.020	08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface						w	Y		No
08.31	08.31		Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					Y	Y			No
08.51	08.51		Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects	Y	Y	Y	Y	Y	Y			No
08.52	08.52		Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles	Y	Y	Y	Y	Y	Y			No
08.54	08.54		BSC-BTS : Layer 1 Structure of Physical Circuits	Y	Y	Y	Y	Y	Y			No
08.56	08.56		BSC-BTS Layer 2 Specification	Y	Y	Y	Y	Y	Y			No
08.58	08.58		Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification	Y	Y	Y	Y	Y	Y			No
08.59	08.59		BSC-BTS O&M Signalling Transport	Y	w							No
08.60	08.60		Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	Y	Y	Y	Y	Y	Y			No
08.61	08.61		Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)		Y	Y	Y	Y	Y			No
08.62	08.62		Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3					Y	Y			No
08.62	28.062	08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3						w	Y		No
08.64	08.64		GPRS support node - BSS protocol (SGSN_BSS) interface; BSSGP layer 3				w					Yes
08.71	08.71		Location services (LCS) SMLC-BSS interface L 3					Y	Y			No
09.01	09.01		General Network Interworking Scenarios	Y	Y	Y	Y	Y	Y			No
09.02	09.02		Mobile Application Part (MAP) Specification	Y	Y	Y	Y	Y				No
09.02	29.002	09.02	Mobile Application Part (MAP)						Y	Y		No
09.02	29.202		SS7 signalling transport in Core Network; stage 3							Y		No
09.03	09.03		Signalling Requirements on Interworking between the Intergrated Services Digital Network	Y	Y	Y	Y	Y				No

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			(ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)									
09.04	09.04		Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	Y	Y	Y	Y	Y				No
09.04	29.004	09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)						w			Yes
09.05	09.05		Interworking between the PLMN and the PSPDN for PAD Access	Y	Y	Y	Y	Y				No
09.05	29.005	09.05	Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access						w			Yes
09.05	29.205		Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3							Y		No
09.06	09.06		Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Integrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services		Y	Y	Y	Y				No
09.06	29.006	09.06	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services						w			Yes
09.07	09.07		General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	Y	Y	Y	Y	Y	w			No
09.07	29.007	09.07	General requirements on Interworking between the PLMN and the ISDN or PSTN						Y	Y		No
09.08	09.08		Application of the Base Station System Application Part (BSSAP) on the E-Interface		Y	Y	Y	Y	Y			No
09.08	29.108	09.08	Application of the Radio Access Network Application Part (RANAP) on the E-interface						Y			No
09.09	09.09		Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN	Y								No
09.10	09.10		Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	Y	Y	Y	Y	Y				No
09.10	29.010	09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)						Y			No
09.11	09.11		Signalling Interworking for Supplementary Services	Y	Y	Y	Y	Y				No
09.11	29.011	09.11	Signalling Interworking for Supplementary Services						Y			No
09.12	09.12		Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling		Y	w						No
09.13	09.13		Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols				Y	Y				No
09.13	29.013	09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols						Y			No
09.14	09.14		Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling					Y	w			No
09.14	29.414		Core network Nb nata transport and transport signalling							Y		No
09.15	29.415		Nb user plane protocols							Y		No
09.16	09.16		General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification				Y	Y				No
09.16	29.016	09.16	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification						Y			No
09.18	09.18		General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors				Y	Y	w			No

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			Location Register (VLR); Gs interface layer 3 specification									
09.18	29.018	09.18	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Layer 3 Specification						Y			No
09.19	29.119		GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)						Y			No
09.20	09.20		Support of Shared Data Interworking Function			w						Yes
09.20	29.120	09.20	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3						Y	Y		No
09.26	29.226		reserved							Y		No
09.31	09.31		Location Services LCS Extension (BSSAP-LE)					Y	Y			No
09.32	29.232		Media gateway controller - media gateway interface; Stage 3							Y		No
09.60	09.60		General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface			w	Y	Y				No
09.60	29.060	09.60	GPRS Tunnelling protocol (GTP) across the Gn and Gp interface						Y			No
09.61	09.61		General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet				Y	Y				No
09.61	29.061	09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet						Y			No
09.62	29.162		Interworking between the IM CN subsystem and IP networks								Y	No
09.63	29.163		Interworking between the IM CN subsystem and CS networks								Y	No
09.78	09.78		CAMEL Application Part phase 2 (stage 3)			Y	Y	Y				No
09.78	29.078	09.78	CAMEL; Stage 3						Y			No
09.90	09.90		Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)		Y	Y	w					No
09.91	09.91		Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2		Y							No
09.92	09.92		GSM Phase 1 Mobile Station interworking with Phase 2 Networks		w							Yes
09.94	09.94		Recommended Infrastructure Measures to Overcome Specific Phase 1 Mobile Stations Faults		Y	w	w					No
09.98	29.198		Open Services Architecture API part 1						Y			No
09.98	29.998		Open Services Architecture API part 2						Y			No
10.00	10.00		Digital Cellular Telecommunication System Feature Description			Y		Y				No
10.01	30.801		Overall Project Plan							Y		No
10.02	10.02		Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+			Y	Y					No
10.02	30.002	10.02	Guidelines for the modification of the Mobile Application Part (MAP)							Y		Yes
10.02	30.802		Project plan on Bearer Services and QoS							Y		No
10.04	30.504		Work Plan and Study Items - RAN WG4							Y		No
10.04	30.804		Project plan on GSM/UMTS Interoperation and Mobility Management							Y		No
10.06	30.806		Project plan on Location based services							Y		No
10.08	30.808		Project plan on Packet Architecture and Circuit Architecture							Y		No
10.10	30.810		Project plan on Security							Y		No
10.12	30.812		Project plan on Services and Service platforms							Y		No

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10.14	10.14		System Overview for 14.4 kbit/s Work Item			Y						No
10.17	10.17		General Packet Radio Service (GPRS); Charging in GPRS				w					Yes
10.20	10.20		Lawful Interception requirements for GSM			Y	w					Yes
10.31	30.531		Work Plan and Study Items - RAN WG3						Y			No
10.43	10.43		Support of Localised Service Area (SoLSA); Work Item Status						Y			No
10.56	10.56		Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1					Y	Y			No
10.57	10.57		Project scheduling and open issues: Mobile Station Execution Environment (MExE)					w	w			Yes
10.59	10.59		Project scheduling and open issues for EDGE						Y			No
10.60	10.60		General Packet Radio Services (GPRS); Project Scheduling and Open Issues			w	w					No
10.66	10.66		Support of Mobile Number Portability (MNP); Project plan			w						No
10.68	10.68		Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)			Y						No
10.70	10.70		GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR					Y				No
10.71	10.71		Project scheduling and open issues:Location services (LCS)					w				No
10.78	10.78		Project scheduling and open issues: CAMEL					Y				No
10.87	10.87		User to User Signalling (UUS)					w				Yes
10.89	10.89		GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;						Y			No
10.94	10.94		Follow Me supplementary service					w				Yes
10.99	10.99		GERAN project plan and open issues									Yes
10.99	50.099	10.99	GERAN project plan and open issues							Y		No
11.01	11.01		Mobile station type approval procedure principles (Candidate NET 10 part 1)	w								Yes
11.01	31.101	11.01	UICC-terminal interface; Physical and logical characteristics						Y			No
11.02	31.102		Characteristics of the USIM Application						Y			No
11.10	11.10		Mobile Station Conformity Specification (DCS 1800)	Y								No
11.10	31.110	11.10	Numbering system for telecommunication IC card applications						Y			No
11.10-1	11.10-1		Mobile station (MS) conformance specification; Part1: Conformance specification		Y	Y	Y	Y	Y			No
11.10-1	51.010-1	11.10-1	Conformance Specification							Y		No
11.10-2	11.10-2		Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification		Y				w			No
11.10-2	51.010-2	11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification							Y		No
11.10-3	11.10-3		Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)		Y	Y			w			No
11.10-3	51.010-3	11.10-3	Layer3 (L3) Abstract Test Suite (ATS)							Y		No
11.10-4	11.10-4		Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification			Y			w			No
11.10-4	51.010-4	11.10-4	Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification							Y		No

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11.11	11.11		Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	Y	Y	Y	Y	Y	Y			No
11.11	31.111	11.11	USIM Application Toolkit (USAT)						Y	Y		No
11.12	11.12		Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface		Y	w						No
11.13	11.13		Test specification for SIM API for Java card						Y			No
11.14	11.14		Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit			Y	Y	Y	Y			No
11.16	11.16		Conformity Specifications for Transparent Facsimile Group 3 Adaptors		w							Yes
11.17	11.17		SIM test specification					Y	w			No
11.18	11.18		Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface					Y	w			No
11.19	11.19		CTS SIM Fixed Part					Y				No
11.20	11.20		GSM DCS 1800 Base Station Specification	w								No
11.20	11.20		GSM DCS 1800 Base Station Specification	Y								No
11.20	31.120	11.20	Terminal tests for the UICC Interface; part 1						Y			No
11.21	11.21		GSM Radio Aspects Base Station System Equipment Specification		Y	Y	w	Y	Y			No
11.21	31.121	11.21	Terminal tests for the UICC Interface; part 2						Y			No
11.22	11.22		GSM Base Station and Ancillary Equipment, Physical and Electrical Parameters, Application of Standards and Guidance Notes		Y							No
11.22	31.122	11.22	UICC Test Specification						Y			No
11.23	11.23		GSM Signalling Aspects Base Station System equipment Specification		Y							No
11.24	11.24		GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification		Y							No
11.25	11.25		The GSM Base Station System (BSS) Equipment specification Half-rate speech		w							Yes
11.26	11.26		GSM Repeater Equipment Specification		Y	Y			Y			No
11.30	11.30		Mobile Services Switching Centre	Y								No
11.31	11.31		Home Location Register Specification	Y								No
11.32	11.32		Visitor Location Register Specification	Y								No
11.40	11.40		DCS 1800 System Simulator Conformity Specification	Y								No
11.56	11.56		CTS phase 1, CTS Fixed Part Tests				w					Yes
12.00	12.00		Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management		Y							No
12.00	32.800		Management level procedures and interaction with UTRAN							Y		No
12.01	12.01		Common Aspects of Public Land Mobile Network (PLMN) Management		Y							No
12.01	32.101	12.01	3G Telecom Management principles and high level requirements						Y			No
12.01	32.801		Performance management								Y	No
12.02	12.02		Subscriber, Mobile Equipment (ME) and Services Data Administration		Y	Y						No
12.02	32.102	12.02	3G Telecom Management Architecture						Y			No
12.03	12.03		Security Management		Y			Y	Y			No
12.04	12.04		Performance Management and Measurements for a GSM Public Land Mobile Network (PLMN)		Y			Y	Y			No

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12.04	32.104	12.04	3G Performance Management						Y			No
12.05	12.05		Subscriber Related Call and Event Data		Y	Y	Y	Y				No
12.05	32.005	12.05	Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain						Y			No
12.05	32.105	12.05	3G charging and billing; Stage 2 description							Y		No
12.06	12.06		Network Configuration Management and Administration		Y							No
12.06	32.106	12.06	3G Configuration Management						w			Yes
12.06-1	32.106-1		Telecommunication Management; Configuration Management; Part 1: 3G configuration management; Concept and requirements						Y			No
12.06-2	32.106-2		Telecommunication Management; Configuration Management; Part 2: Notification Integration Reference Point; Information Service version 1						Y			No
12.06-3	32.106-3		Telecommunication Management; Configuration Management; Part 3: Notification Integration Reference Point; CORBA solution set version 1:1						Y			No
12.06-4	32.106-4		Telecommunication Management; Configuration Management; Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1						Y			No
12.06-5	32.106-5		Telecommunication Management; Configuration Management; Part 5: Basic Configuration Management IRP information model (including NRM) version 1						Y			No
12.06-6	32.106-6		Telecommunication Management; Configuration Management; Part 6: Basic Configuration Management IRP CORBA solution set version 1:1						Y			No
12.06-7	32.106-7		Telecommunication Management; Configuration Management; Part 7: Basic Configuration Management IRP CMIP solution set version 1:1						Y			No
12.06-8	32.106-8		Telecommunication Management; Configuration Management; Part 8: Name convention for Managed Objects						Y			No
12.07	12.07		Public Land Mobile Network (PLMN) Quality of Service	w								Yes
12.08	12.08		Subscriber and Equipment trace		Y	Y						No
12.08	32.008	12.08	Subscriber and Equipment trace						w			Yes
12.11	12.11		Fault management of the Base Station System (BSS)		Y		Y					No
12.11	32.111	12.11	3G Fault Management						w			Yes
12.11-1	32.111-1		Telecommunication Management; Fault Management; Part 1: 3G fault management requirements						Y			No
12.11-2	32.111-2		Telecommunication Management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service						Y			No
12.11-3	32.111-3		Telecommunication Management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1						Y			No
12.11-4	32.111-4		Telecommunication Management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set						Y			No
12.15	12.15		General Packet Radio Service (GPRS); GPRS Charging				Y	Y				No
12.15	32.015	12.15	Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain						Y			No
12.20	12.20		Base Station System (BSS) Management Information		Y							No
12.21	12.21		Network Management (NM) Procedures and Messages on the A-bis Interface		Y	Y						No
12.22	12.22		Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)		Y							No

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12.30	12.30		ETSI Object Identifier Tree; Mobile Domain O&M		Y							No
12.40	32.140		3G Service Management Requirements & Framework							Y		No
12.71	12.71		Location Services (LCS); Location services management					Y	Y			No
13.00	33.200		Network Domain Security							Y		No
13.00	33.800		Principles for Network Domain Security							Y	Y	No
13.00	33.900		Guide to 3G security						Y			No
13.01	13.01		Attachment requirements for Global System for Mobile communications (GSM); Part 1: Mobile stations in the GSM 900 and DCS 1 800 bands; Access		Y							No
13.01	33.201		Access domain security								Y	No
13.01	33.901		Criteria for cryptographic Algorithm design process						Y			No
13.01-1	13.01-1		Attachment requirements for Global System for Mobile communications (GSM) mobile stations; Access		Y							No
13.01-2	13.01-2		Attachment requirements for mobile stations in the DCS 1800 band and additional GSM 900 band; Access		Y							No
13.02	13.02		Attachment requirements for mobile stations in the DCS 1800 band and additional GSM 900 band; Access		Y							No
13.02	33.102	13.02	Security Architecture						Y			No
13.02	33.902		Formal Analysis of the 3G Authentication Protocol						Y			No
13.02-1	13.02-1		Attachment requirements; Telephony		w							Yes
13.02-2	13.02-2		Attachment requirements (CDCS 1800); Telephony		w							Yes
13.03	33.103		Security Integration Guidelines						Y			No
13.03	33.203		Access Security for IP based services								Y	No
13.03	33.903		Access Security for IP based services							Y	Y	No
13.04	33.904		Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms							Y		No
13.05	33.105		Cryptographic Algorithm requirements						Y			No
13.06	33.106		Lawful interception requirements						Y			No
13.07	33.107		Lawful interception architecture and functions						Y			No
13.08	33.908		Security Algorithms Group of Experts (SAGE); General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms						Y			No
13.09	33.909		ETSI SAGE 3GPP Standards Algorithms Task Force: Report on the evaluation of 3GPP standard confidentiality and integrity algorithms						Y			No
13.11	13.11		Mobiles stations in the GSM 900 and DCS 1800 bands covering essential requirements under article 3.2 of the R&TTE Directive					Y				No
13.20	33.120		Security Objectives and Principles						Y			No
13.21	13.21		Base station systems and repeater equipment covering essential requirements under article 3.2 of the R&TTE directive					Y	Y			No
13.34	13.34		Attachment requirements for Global System for Mobile communications (GSM); High Speed Circuit Switched Data (HSCSD) Multislot Mobile Stations; Access			Y						No
13.55	13.55		Attachment requirements for Cordless Telephony System Fixed Part (CTS-FP); Access			w						Yes
13.56	13.56		Cordless Telephony System Mobile Stations (CTS-MS); Access			w						No

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13.57	13.57		unknown			w						Yes
13.59	13.59		Enhanced Data rates for GSM Evolution (EDGE) Mobile Stations; Access			w						Yes
13.60	13.60		Attachment requirements for Global System for Mobile communications (GSM); General Packet Radio Service (GPRS); Mobile stations; Access			w						Yes
13.67	13.67		Attachment requirements for Global System for Mobile communications (GSM); Railways Band (R-GSM); Mobile Stations; Access			Y						No
13.68	13.68		Attachment requirements for Global System for Mobile communications (GSM); Advanced Speech Call Items (GSM-ASCI) Mobile Stations; Access			Y						No
14.07	34.907		Report on electrical safety requirements and regulations						Y			No
14.08	34.108		Common Test Environments for User Equipment (UE) Conformance Testing						Y			No
14.09	34.109		Logical Test Interface (TDD and FDD)						Y			No
14.10	34.910		Conformance Test specifications – Relevant for Regulatory use							Y		No
14.21	34.121		Terminal Conformance Specification, Radio Transmission and Reception (FDD)						Y			No
14.22	34.122		Terminal Conformance Specification, Radio Transmission and Reception (TDD)						Y			No
14.23-1	34.123-1		UE Conformance Specification, Part 1 – Conformance specification						Y			No
14.23-2	34.123-2		UE Conformance Specification, Part 2 – ICS						Y			No
14.23-3	34.123-3		UE Conformance Specification, Part 3 Abstract Test suites						Y			No
14.24	34.124		Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment						Y			No
14.25	34.925		Specific Absorption Rate (SAR) requirements and regulations in different regions						Y			No
14.26	34.926		Table of International EMC requirements							Y		No
15.01	35.201		Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications						Y			No
15.02	35.202		Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification						Y			No
15.03	35.203		Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data						Y			No
15.04	35.204		Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data						Y			No
15.05	35.205		3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions; Document 1: General						Y			No
15.06	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						Y			No
15.07	35.207		3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 3: Implementors' test data						Y			No
15.08	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						Y			No
15.09	35.209		3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 5: Summary and results of design and evaluation						Y			No

3 List of specifications ordered by responsible TSG/WG

Number	Title	WG prime	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
00.01	Work programme for the standardization of the Universal Mobile Telecommunications System (UMTS)										Yes
00.02	Coordination guideline for SMG on UMTS with respect to ITU and European research programmes										Yes
01.04U	Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)										Yes
01.06	Service implementation phases and possible further phases in the GSM PLMN			w							Yes
01.07	Updating procedure for GSM Recommendations			w							Yes
01.78	Customized Applications for Mobile networks using Enhanced Logic (CAMEL); Stage 0				w						Yes
02.01U	Framework for services to be supported by UMTS										Yes
02.10	Provision of Telecommunication Services		w								Yes
02.12	Licensing		w								Yes
02.13	Subscription to the Services of a GSM PLMN		w								Yes
02.14	Service Directory		w								Yes
02.15	Circulation of mobile stations		w								Yes
02.18	Interworking with non-GSM applications on the SIM to be accessed via the GSM network				w						Yes
02.25	GSM - DCS roaming: Requirements and Stage 1 descriptions				w						Yes
02.26	Operation of multi-band GSM/DCS 1800 network by a single operator				w						Yes
02.27	DECT access to GSM networks				w						Yes
02.28	UPT phase 1				w						Yes
02.29	Inter operation with UPT phase 2				w						Yes
02.35	Universal access to freephone numbers - stage 1				w						Yes
02.36	Premium rate services - stage 1				w						Yes
02.37	ISDN based DECT/GSM Interworking				w						Yes
02.73	Malicious Call Identification (MCID) - stage 1				w						Yes
02.77	Emergency call TS12 with additional data transfer				w						Yes
02.92	Call Forward Enhancements (CFE) - Stage 1 description				w						Yes
02.98	New barring services - Stage 1 description				w						Yes
02.99	Direct Subscriber Access and Restriction (DSAR)- stage1				w						Yes
03.17	Technical realization of Exchange of Network Capabilities Information (ENCI); Stage 2				w						Yes
03.36	Premium rate services - stage 2				w						Yes
03.95	Support of Private Numbering Plan (SPNP); Stage 2				w						Yes
04.33	Lawful interception; Stage 3						w				Yes
04.36	Premium rate services - stage 3				w						Yes
04.61	General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3					w					Yes
04.62	General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3					w					Yes
04.70	Payphone services - stage 3				w						Yes
04.73	Malicious Call Identification (MCID) - stage 3				w						Yes

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02.08	Quality of service / GSM system performance	-		w							Yes
02.20	Collection charges	-	Y								No
03.61	General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2	-				w					Yes
03.62	General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 2	-				w					Yes
03.94	Follow Me Service description; Stage 2	-			w						Yes
03.98	New barring services; Stage 2 description	-			w						Yes
03.99	Direct Subscriber Access and Restriction (DSAR); Stage 2	-			w						Yes
04.53	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	-					w				Yes
04.94	Follow Me Service description ; Stage 3	-						w			Yes
10.17	General Packet Radio Service (GPRS); Charging in GPRS	-				w					Yes
11.12	Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface	-		Y	w						No
11.56	CTS phase 1, CTS Fixed Part Tests	-				w					Yes
12.07	Public Land Mobile Network (PLMN) Quality of Service	-	w								Yes
13.55	Attachment requirements for Cordless Telephony System Fixed Part (CTS-FP); Access	-			w						Yes
13.56	Cordless Telephony System Mobile Stations (CTS-MS); Access	-			w						No
21.04U	Requirements for the support of data services in UMTS	-									Yes
21.06U	O&M requirements for the UMTS	-									Yes
21.100	3G specification handling procedures	-						w			Yes
22.00U	UMTS Phase 1	-									Yes
22.01U	Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles	-									Yes
22.05U	Services and service capabilities	-									Yes
22.07U	UMTS Terminal and Smart Card Concepts	-									Yes
22.21U	Virtual Home Environment	-									Yes
22.24U	Charging and Accounting Mechanism	-									Yes
22.25U	Quality of Service and Network Performance	-									Yes
22.29U	Handover Requirements between UMTS and GSM or other RadioSystems	-									Yes
22.60U	Mobile multimedia services including mobile Intranet and Internet services	-									Yes
22.70U	Virtual Home Environment	-									Yes
22.71U	Service aspects; Automatic Establishment of Roaming Relationships	-									Yes
22.72U	Real Time Multimedia in UMTS	-									Yes
22.75U	Service aspects; Advanced Addressing	-									Yes
22.80U	UMTS Relationship to other Standards	-									Yes
22.907	Terminal concepts	-						w			Yes
22.924	Charging and accounting mechanisms	-						w			Yes
22.925	Quality of service and network performance	-						w			Yes
22.960	Mobile multimedia services	-						w			Yes
22.970	Virtual Home Environment Report	-						w			Yes
22.972	Circuit-switched multimedia	-						w			Yes
23.010	GSM Public Land Mobile Network (PLMN) Connection Types	-						w			Yes

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23.01U	UMTS Network principles	-									Yes
23.022	Functions related to Mobile Station (MS) in idle mode	-						w			Yes
23.043	Support of Videotex	-						w			Yes
23.044	Support of Teletex	-						w			Yes
23.045	Technical Realization of Facsimile Group 3 Service - transparent	-						w			Yes
23.046	Technical realisation of facsimile Group 3 service - non-transparent	-						w			Yes
23.053	Tandem Free Operation (TFO); Service description; Stage 2	-						w			Yes
23.05U	UMTS Network principles	-									Yes
23.070	Routing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)	-						w			Yes
23.071	Location services (LCS) stage 2	-						w			Yes
23.10U	UMTS Access Stratum; Services and Functions	-									Yes
23.913	UMTS Turbo-Charger	-							Y		Yes
23.920	Evolution of the GSM platform towards UMTS	-						w			Yes
23.927	VHE, Open Service Architecture	-						w			Yes
23.960	Framework of network functions to support multimedia services	-						w			Yes
24.094	Follow Me ; Stage 3	-						w			Yes
25.053	Tandem Free Operation (TFO); Service description; Stage 2	-						w			Yes
25.103	RF parameters in support of RRM	-						w			Yes
25.107	UTRA Repeater; Conformance testing	-							w		Yes
25.371	LMU signalling	-							w		Yes
25.923	Stage 2 Functional Specification of Location Services in UTRAN	-						w			Yes
26.075	AMR speech Codec; Performance Characterization of the GSM AMR Speech Codec	-						w			Yes
26.112	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements	-						w			Yes
26.115	Transmission Delay and Echo Control Planning For Speech and Multi-Media Services	-						w			Yes
26.121	Technical Specification for Tandem Free Operation within 3G networks	-						w			Yes
26.122	Technical Specification for Tandem Free Operation between 3G and 2G networks	-						w			Yes
28.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	-						w	Y		No
29.004	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network	-						w			Yes
29.005	Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network	-						w			Yes
29.006	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services	-						w			Yes
30.00U	SMG - UMTS Work programme	-									Yes
30.01U	UMTS Baseline document: Collection of the SMG's positions on the UMTS	-									Yes
30.02U	Experience from GSM standardisation to be applied at UMTS standardisation	-									Yes
30.05U	UMTS terminology	-									Yes
30.20U	Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS	-									Yes
32.008	Subscriber and Equipment trace	-						w			Yes
33.20U	Security principles for the UMTS	-									Yes
33.21U	UMTS Security Requirements	-									Yes
03.55	Dual Transfer Mode (DTM); Stage 2	G1						Y			No

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05.02	Multiplexing and Multiple Access on the Radio Path	G1	Y	Y	Y	Y	Y	Y			No
05.03	Channel coding	G1	Y	Y	Y	Y	Y	Y			No
05.04	Modulation	G1	Y	Y	Y	Y	Y	Y			No
05.05	Radio Transmission and Reception	G1	Y	Y	Y	Y	Y	Y			No
05.08	Radio Subsystem Link Control	G1	Y	Y	Y	Y	Y	Y			No
05.09	Link adaptation	G1					Y	Y			No
05.10	Radio subsystem synchronization	G1	Y	Y	Y	Y	Y	Y			No
05.14	Release independent frequency bands; Implementation guidelines	G1				Y	Y	w			No
43.022	Functions Related to Mobile Station (MS) in Idle Mode	G1							Y		No
43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2	G1							Y	Y	No
43.064	Overall description of the GPRS radio interface; Stage 2	G1							Y		No
45.001	Physical Layer on the Radio Path (General Description)	G1							Y	Y	No
45.002	Multiplexing and Multiple Access on the Radio Path	G1							Y	Y	No
45.003	Channel coding	G1							Y	Y	No
45.004	Modulation	G1							w		No
45.005	Radio transmission and reception	G1							Y		No
45.008	Radio subsystem link control	G1							Y	Y	No
45.009	Link adaptation	G1								Y	No
03.22	Functions Related to Mobile Station (MS) in Idle Mode	G2		Y	Y	Y	Y	Y			No
03.64	Overall description of the GPRS radio interface; Stage 2	G2				Y	Y	Y			No
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	Y	Y	Y	Y	Y	Y			No
04.04	Layer 1 - General Requirements	G2	Y	Y	Y	Y	Y	Y			No
04.05	Data Link (DL) Layer General Aspects	G2	Y	Y	Y	Y	Y	Y			No
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	Y	Y	Y	Y	Y	Y			No
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	Y	Y	Y	Y	Y				No
04.14	Individual equipment type requirements and interworking; Special conformance testing functions	G2			Y	Y	Y	Y			No
04.18	Mobile radio interface layer 3 specification; Radio Resource Control Protocol	G2						Y			No
04.30	Location Services LCS Stage 3 SS (MO-LR)	G2					Y				No
04.31	Location Services LCS RR LCS Protocol	G2					Y	Y			No
04.35	Location Services LCS Stage 3 E-OTD Enhanced Observed	G2					Y	Y			No
04.60	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link	G2				Y	Y	Y			No
04.71	Location services (LCS) stage 3	G2					Y	Y			No
08.01	General Aspects on the BSS-MSC Interface	G2	Y	Y	Y	Y	Y	Y			No
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	Y	Y	Y	Y	Y	Y			No
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	Y	Y	Y	Y	Y	Y			No
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre	G2	Y	Y	Y	Y	Y	Y			No
08.08	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	Y	Y	Y	Y	Y	Y			No
08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN)	G2				Y	Y	Y			No
08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN)	G2				Y	Y	Y			No

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08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS	G2				Y	Y	Y			No
08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC);	G2					Y	Y			No
08.51	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects	G2	Y	Y	Y	Y	Y	Y			No
08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles	G2	Y	Y	Y	Y	Y	Y			No
08.54	BSC-BTS : Layer 1 Structure of Physical Circuits	G2	Y	Y	Y	Y	Y	Y			No
08.56	BSC-BTS Layer 2 Specification	G2	Y	Y	Y	Y	Y	Y			No
08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification	G2	Y	Y	Y	Y	Y	Y			No
08.71	Location services (LCS) SMLC-BSS interface L 3	G2					Y	Y			No
09.31	Location Services LCS Extension (BSSAP-LE)	G2					Y	Y			No
24.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2						Y			No
44.018	Mobile Radio Interface - Layer 3 Specification RR part	G2							Y		No
44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link	G2							Y		No
48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2							Y		No
48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN)	G2							Y		No
48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS	G2							Y		No
11.21	GSM Radio Aspects Base Station System Equipment Specification	G3		Y	Y	w	Y	Y			No
11.22	GSM Base Station and Ancillary Equipment, Physical and Electrical Parameters, Application of Standards and	G3		Y							No
11.23	GSM Signalling Aspects Base Station System equipment Specification	G3		Y							No
11.24	GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification	G3		Y							No
11.25	The GSM Base Station System (BSS) Equipment specification Half-rate speech	G3		w							Yes
11.26	GSM Repeater Equipment Specification	G3		Y	Y			Y			No
11.10	Mobile Station Conformity Specification (DCS 1800)	G4	Y								No
11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification	G4		Y	Y	Y	Y	Y			No
11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS)	G4		Y				w			No
11.10-3	Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G4		Y	Y			w			No
11.10-4	Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification	G4			Y			w			No
11.40	DCS 1800 System Simulator Conformity Specification	G4	Y								No
51.010-1	Conformance Specification	G4							Y		No
51.010-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS)	G4							Y		No
51.010-3	Layer3 (L3) Abstract Test Suite (ATS)	G4							Y		No
51.010-4	Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification	G4							Y		No
01.04	Abbreviations and Acronyms	GP	Y	Y	Y	Y	Y	Y			No
03.13	Discontinuous Reception (DRX) in the GSM System	GP	Y	Y	Y	Y	Y	Y			No
03.26	Multiband operation of GSM/DCS 1800 by a single operator	GP		Y	Y	Y	Y	Y			No
03.30	Radio Network Planning Aspects	GP		Y	Y	Y	Y	Y			No
03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface ; Stage 2	GP					Y	Y			No
03.59	Location services (LCS) GERAN; Stage 2	GP									No
05.01	Physical Layer on the Radio Path (General Description)	GP	Y	Y	Y	Y	Y	Y			No
05.22	Radio link management in hierarchical networks	GP		Y	Y	Y	Y	Y			No

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05.50	Background for RF Requirements	GP		Y	Y	Y	Y	Y			No
05.56	CTS-FP Radio Sub-system	GP					Y	Y			No
05.90	GSM Electro Magnetic Compatibility (EMC) Considerations	GP		Y	Y	Y	Y				No
08.59	BSC-BTS O&M Signalling Transport	GP	Y	w							No
08.60	Inband Control of Remote Transcoders and Rate Adaptors for EFR/FR	GP	Y	Y	Y	Y	Y	Y			No
08.61	Inband Control of Remote Transcoder and Rate Adaptors;(Half Rate)	GP		Y	Y	Y	Y	Y			No
10.59	Project scheduling and open issues for EDGE	GP						Y			No
10.89	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;	GP						Y			No
11.20	GSM DCS 1800 Base Station Specification	GP	w								No
11.20	GSM DCS 1800 Base Station Specification	GP	Y								No
11.30	Mobile Services Switching Centre	GP	Y								No
11.31	Home Location Register Specification	GP	Y								No
11.32	Visitor Location Register Specification	GP	Y								No
21.01U	Overall requirements on the radio interface(s) of the UMTS	GP									Yes
21.02U	High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept	GP									Yes
30.03U	Selection procedures for the choice of radio transmission technologies of the UMTS	GP									Yes
30.04U	Definition of the limited number of UTRA concepts	GP									Yes
30.06U	UTRA Concept Evaluation Reports	GP									Yes
43.030	Radio Network Planning Aspects	GP							Y		No
43.059	Location services (LCS) GERAN; Stage 2	GP							Y		No
50.099	GERAN project plan and open issues	GP							Y		No
13.01	Attachment requirements for Global System for Mobile communications (GSM); Part 1: Mobile stations in the GSM	MSG		Y							No
13.01-1	Attachment requirements for Global System for Mobile communications (GSM) mobile stations; Access	MSG		Y							No
13.01-2	Attachment requirements for mobile stations in the DCS 1800 band and additional GSM 900 band; Access	MSG		Y							No
13.02	Attachment requirements for mobile stations in the DCS 1800 band and additional GSM 900 band; Access	MSG		Y							No
13.11	Mobiles stations in the GSM 900 and DCS 1800 bands covering essential requirements under article 3.2 of the	MSG					Y				No
13.21	Base station systems and repeater equipment covering essential requirements under article 3.2 of the R&TTE	MSG					Y	Y			No
13.34	Attachment requirements for Global System for Mobile	MSG			Y						No
13.59	Enhanced Data rates for GSM Evolution (EDGE) Mobile Stations; Access	MSG			w						Yes
13.60	Attachment requirements for Global System for Mobile communications (GSM); General Packet Radio Service	MSG			w						Yes
13.67	Attachment requirements for Global System for Mobile communications (GSM); Railways Band (R-GSM); Mobile	MSG			Y						No
13.68	Attachment requirements for Global System for Mobile communications (GSM); Advanced Speech Call Items	MSG			Y						No
13.02-1	Attachment requirements; Telephony	MSG-GSM		w							Yes
13.02-2	Attachment requirements (CDCS 1800); Telephony	MSG-GSM		w							Yes
03.09	Handover Procedures	N1	Y	Y	Y	Y	Y				No
03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	N1	Y	Y	Y	Y	Y				No
03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	N1			Y	Y	Y				No
03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2	N1			Y	Y	Y	Y			No
03.68	Voice Group Call Service (VGCS); Stage 2	N1			Y	Y	Y	Y			No

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03.69	Voice Broadcast service (VBS); Stage 2	N1			Y	Y	Y	Y			No
04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	Y	Y	Y	Y	Y	Y			No
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	N1	Y	Y	Y	Y	Y				No
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	N1	Y	Y	Y	Y	Y				No
04.08	Mobile radio interface layer 3 specification	N1	Y	Y	Y	Y	Y	Y			No
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	Y	Y	Y	Y	Y				No
04.13	Performance Requirements on Mobile Radio Interface	N1		Y	Y	Y	Y	Y			No
04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	N1					Y	Y			No
04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	N1					Y	Y			No
04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	N1			Y	Y	Y	Y			No
04.64	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	N1			w	Y	Y	Y			No
04.65	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol	N1			w	Y	Y	Y			No
04.68	Group Call Control (GCC) Protocol	N1			Y	Y	Y	Y			No
04.69	Broadcast Call Control (BCC) protocol	N1			Y	Y	Y	Y			No
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1		Y	Y	Y	Y	Y			No
09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR);	N1				Y	Y				No
09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR);	N1				Y	Y	w			No
09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)	N1		Y	Y	w					No
09.94	Recommended Infrastructure Measures to Overcome Specific Phase 1 Mobile Stations Faults	N1		Y	w	w					No
23.009	Handover procedures	N1						Y			No
23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	N1						Y			No
23.034	High Speed Circuit Switched Data (HSCSD) ; Stage 2	N1						Y			No
23.069	Voice Broadcast service (VBS); Stage 2	N1						w			Yes
23.108	Mobile Radio Interface Layer 3 specification Core Network Protocols stage 2 (structured procedures)	N1						Y			No
23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	N1						Y			No
23.218	IP Multimedia (IM) session handling; IM call model	N1								Y	No
23.814	Separating RR and MM specific parts of the MS Classmark	N1						Y			No
23.972	Circuit Switched Multimedia Telephony	N1						Y			No
24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1						Y			No
24.007	Mobile Radio Interface Signalling Layer 3 - General Aspects	N1						Y			No
24.008	Mobile Radio Interface Layer 3 specification; Core Network Protocols ; Stage 3	N1						Y	Y		No
24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1						Y			No
24.065	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork	N1						w			Yes
24.068	Group Call Control (GCC) Protocol	N1						w			Yes
24.069	Broadcast Call Control (BCC) protocol	N1						w			Yes
24.228	Signalling flows for the IP multimedia call control based on SIP and SDP; stage 3	N1								Y	No
24.229	IP Multimedia Call Control Protocol based on SIP and SDP; stage 3	N1								Y	No
29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service	N1						Y			No
29.018	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Layer 3 Specification	N1						Y			No

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29.163	Interworking between the IM CN subsystem and CS networks	N3								Y	No
29.414	Core network Nb nata transport and transport signalling	N3							Y		No
29.415	Nb user plane protocols	N3							Y		No
43.010	GSM Public Land Mobile Network (PLMN) Connection Types	N3							Y		No
44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3							Y		No
03.03	Numbering, Addressing and Identification	N4	Y	Y	Y	Y	Y				No
03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	N4	Y	Y	w	w					No
03.07	Restoration Procedures	N4	Y	Y	Y	Y	Y				No
03.08	Organization of Subscriber Data	N4	Y	Y	Y	Y	Y				No
03.11	Technical Realization of Supplementary Services - General Aspects	N4	Y	Y	Y	Y	Y				No
03.12	Location Registration Procedures	N4	Y	Y	Y	Y	Y				No
03.15	Technical Realization of Operator Determined Barring	N4		Y	Y	Y	Y				No
03.16	Subscriber Data Management	N4		Y	Y	Y	Y				No
03.18	Basic Call Handling	N4			Y	Y	Y				No
03.66	Support of GSM Mobile Number Portability (MNP); Stage 2	N4					Y				No
03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2	N4			Y	Y	Y				No
03.72	Call Deflection stage 2	N4					Y				No
03.79	Support of Optimal Routing phase 1; Stage 2	N4			Y	Y	Y				No
03.81	Line Identification Supplementary Services; Stage 2	N4		Y	Y	Y	Y				No
03.82	Call Forwarding (CF) Supplementary Services; Stage 2	N4	Y	Y	Y	Y	Y	w			No
03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2	N4		Y	Y	Y	Y				No
03.84	Multi Party (MPTY) Supplementary Services; Stage 2	N4		Y	Y	Y	Y				No
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	N4		Y	Y	Y	Y				No
03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	N4		Y	Y	Y	Y				No
03.87	User-to-user signalling (UUS); Stage 2	N4					Y				No
03.88	Call Barring (CB) supplementary services ; Stage 2	N4	Y	Y	Y	Y	Y				No
03.90	Unstructured Supplementary Service Data (USSD)	N4		Y	Y	Y	Y				No
03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4			Y	Y	Y				No
03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4				Y	Y				No
03.96	Name Identification Supplementary Services; Stage 2	N4				Y	Y				No
03.97	Multiple subscriber Profile (MSP); Stage 2	N4					Y				No
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	Y	Y	Y	Y	Y				No
04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 3	N4			Y	Y	Y				No
04.72	Call Deflection (CD) Supplementary Service; Stage 3	N4					Y				No
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	N4	Y	Y	Y	Y	Y				No
04.81	Line Identification Supplementary Services ; Stage 3	N4		Y	Y	Y	Y				No
04.82	Call Forwarding (CF) Supplementary Services - Stage 3	N4	Y	Y	Y	Y	Y				No
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 3	N4		Y	Y	Y	Y				No
04.84	Multi Party (MPTY) Supplementary Services ; Stage 3	N4		Y	Y	Y	Y				No

Number	Title	WG prime	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
04.85	Closed User Group (CUG) Supplementary Services ; Stage 3	N4		Y	Y	Y	Y				No
04.86	Advice of Charge (AoC) Supplementary Services ; Stage 3	N4		Y	Y	Y	Y				No
04.87	User-to-User Signalling (UUS) Supplementary Service Stage 3	N4					Y				No
04.88	Call Barring (CB) Supplementary Services ; Stage 3	N4	Y	Y	Y	Y	Y				No
04.90	Unstructured Supplementary Service Data (USSD)	N4		Y	Y	Y	Y				No
04.91	Explicit Call Transfer (ECT) Supplementary Service ; Stage 3	N4			Y	Y	Y				No
04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3	N4				Y	Y				No
04.96	Name Identification Supplementary Services; Stage 3	N4				Y	Y				No
09.01	General Network Interworking Scenarios	N4	Y	Y	Y	Y	Y	Y			No
09.02	Mobile Application Part (MAP) Specification	N4	Y	Y	Y	Y	Y				No
09.09	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN	N4	Y								No
09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station	N4	Y	Y	Y	Y	Y				No
09.11	Signalling Interworking for Supplementary Services	N4	Y	Y	Y	Y	Y				No
09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile	N4				Y	Y				No
09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface	N4			w	Y	Y				No
10.02	Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+	N4			Y	Y					No
23.003	Numbering, Addressing and Identification	N4						Y			No
23.007	Restoration procedures	N4						Y			No
23.008	Organisation of subscriber data	N4						Y			No
23.011	Technical Realization of Supplementary Services - General Aspects	N4						Y			No
23.012	Location management procedures	N4						Y			No
23.015	Technical realisation of Operator Determined Barring (ODB)	N4						Y			No
23.016	Subscriber data management ; Stage 2	N4						Y			No
23.018	Basic Call Handling - Technical realisation	N4						Y	Y		No
23.066	Support of GSM Mobile Number Portability (MNP) stage 2	N4						Y			No
23.067	Enhanced Multi-Level Precedence and Preemption Service (EMLPP) ; Stage 2	N4						Y	Y		No
23.072	Call Deflection Supplementary Service ; Stage 2	N4						Y			No
23.073	Support of Localised Service Area (SoLSA) ; Stage 2	N4						Y			No
23.079	Support of Optimal Routeing - Phase 1 ; Stage 2	N4						Y	Y		No
23.081	Line Identification Supplementary Services ; Stage 2	N4						Y			No
23.082	Call Forwarding (CF) Supplementary Services ; Stage 2	N4						Y			No
23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service ; Stage 2	N4						Y	Y		No
23.084	MultiParty (MPTY) Supplementary Service ; Stage 2	N4						Y			No
23.085	Closed User Group (CUG) Supplementary Service ; Stage 2	N4						Y			No
23.086	Advice of Charge (AoC) Supplementary Service ; Stage 2	N4						Y			No
23.087	User-to-User Signalling (UUS) ; Stage 2	N4						Y			No
23.088	Call Barring (CB) Supplementary Service ; Stage 2	N4						Y			No
23.090	Unstructured Supplementary Service Data (USSD) ; Stage 2	N4						Y			No
23.091	Explicit Call Transfer (ECT) Supplementary Service ; Stage 2	N4						Y			No

Number	Title	WG prime	Ph1	Ph2	R96	R97	R98	R99	Rel-4	Rel-5	stopped
23.093	Call Completion to Busy Subscriber (CCBS) ; Stage 2	N4						Y	Y		No
23.094	Follow Me Stage 2	N4						Y			No
23.096	Name Identification Supplementary Service ; Stage 2	N4						Y			No
23.097	Multiple Subscriber Profile (MSP); Stage 2	N4						Y			No
23.116	Super Charger ; Stage 2	N4						Y			No
23.119	Gateway Location Register (GLR) ; Stage2	N4						Y			No
23.135	Multicall ; Stage 2	N4						Y	Y		No
23.153	Out of Band Transcoder Control ; Stage 2	N4							Y		No
23.205	Bearer-independent circuit-switched core network; Stage 2	N4							Y		No
23.226	Global text telephony; Stage 2: Architecture	N4							Y		No
23.908	Technical report on Pre-Paging	N4						Y			No
23.909	Technical report on the Gateway Location Register	N4						Y			No
23.911	Technical report on Out-of-band transcoder control	N4						Y			No
23.912	Technical report on Super-Charger	N4						Y			No
24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4						Y			No
24.030	Location Services LCS Stage 3 SS (MO-LR)	N4						Y			No
24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 3	N4						Y			No
24.072	Call Deflection Supplementary Service ; Stage 3	N4						Y			No
24.080	Mobile radio Layer 3 Supplementary Service specification - Formats and coding	N4						Y			No
24.081	Line Identification Supplementary Service ; Stage 3	N4						Y			No
24.082	Call Forwarding Supplementary Service ; Stage 3	N4						Y			No
24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service ; Stage 3	N4						Y			No
24.084	MultiParty (MPTY) Supplementary Service ; Stage 3	N4						Y			No
24.085	Closed User Group (CUG) Supplementary Service ; Stage 3	N4						Y			No
24.086	Advice of Charge (AoC) Supplementary Service ; Stage 3	N4						Y			No
24.087	User-to-User Signalling (UUS) ; Stage 3	N4						Y			No
24.088	Call Barring (CB) Supplementary Service ; Stage 3	N4						Y			No
24.090	Unstructured Supplementary Service Data (USSD) ; Stage 3	N4						Y			No
24.091	Explicit Call Transfer (ECT) Supplementary Service ; Stage 3	N4						Y			No
24.093	Call Completion to Busy Subscriber (CCBS) ; Stage 3	N4						Y			No
24.096	Name Identification Supplementary Service ; Stage 3	N4						Y			No
24.135	Multicall Stage 3	N4						Y			No
29.002	Mobile Application Part (MAP)	N4						Y	Y		No
29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station	N4						Y			No
29.011	Signalling Interworking for Supplementary Services	N4						Y			No
29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile	N4						Y			No
29.060	GPRS Tunnelling protocol (GTP) across the Gn and Gp interface	N4						Y			No
29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	N4						Y			No
29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3	N4						Y	Y		No

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29.202	SS7 signalling transport in Core Network; stage 3	N4							Y		No
29.205	Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3	N4							Y		No
29.226	reserved	N4							Y		No
29.232	Media gateway controller - media gateway interface; Stage 3	N4							Y		No
30.002	Guidelines for the modification of the Mobile Application Part (MAP)	N4							Y		Yes
29.198	Open Services Architecture API part 1	N5						Y			No
29.998	Open Services Architecture API part 2	N5						Y			No
03.05	Technical performance objectives	NP	Y	Y	Y	Y	Y	Y			No
25.201	Physical layer -General Description	R1						Y			No
25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	R1						Y			No
25.212	Multiplexing and channel coding (FDD)	R1						Y			No
25.213	Spreading and modulation (FDD)	R1						Y			No
25.214	Physical layer procedures (FDD)	R1						Y			No
25.215	Physical layer; Measurements (FDD)	R1						Y			No
25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	R1						Y			No
25.222	Multiplexing and channel coding (TDD)	R1						Y			No
25.223	Spreading and modulation (TDD)	R1						Y			No
25.224	Pphysical layer procedures (TDD)	R1						Y			No
25.225	Physical layer; Measurements (TDD)	R1						Y			No
25.833	Physical layer items not for inclusion in Release 99	R1						Y			No
25.836	Node B synchronization for TDD	R1							Y		No
25.840	Terminal power saving features	R1							Y		No
25.841	DSCH power control improvement in soft handover	R1							Y		No
25.842	Smart antenna	R1							Y		No
25.848	Physical Layer Aspects of UTRA High Speed Downlink Packet Access	R1							Y		No
25.854	Uplink Synchronous Transmission Scheme (USTS)	R1								Y	No
25.928	1,28Mcps UTRA TDD Physical Layer	R1							Y		No
25.944	Channel coding and multiplexing examples	R1						Y			No
25.301	Radio Interface Protocol Architecture	R2						Y			No
25.302	Services provided by the physical layer	R2						Y			No
25.303	UE functions and inter-layer procedures in connected mode	R2						Y			No
25.304	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode	R2						Y			No
25.305	Stage 2 functional specification of UE positioning in UTRAN	R2						Y			No
25.306	UE Radio Access capabilities definition	R2						Y			No
25.321	Medium Access Control (MAC) Protocol Specification	R2						Y			No
25.322	Radio Link Control (RLC) Protocol Specification	R2						Y			No
25.323	Packet Data Convergence Protocol (PDCP) protocol	R2						Y			No
25.324	Broadcast/Multicast Control (BMC)	R2						Y			No
25.331	Radio Resource Control (RRC) Protocol Specification	R2						Y			No

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25.834	UTRA TDD low chip rate option; Radio protocol aspects	R2							Y		No
25.835	Report on hybrid ARQ type II/III	R2							Y		No
25.843	1,28 Mcps TDD UE Radio Access Capabilities	R2							Y		No
25.844	Radio access bearer support enhancements	R2							Y		No
25.847	UE positioning enhancements	R2							Y		No
25.921	Guidelines and principles for protocol description and error handling	R2						Y			No
25.922	Radio Resource Management Strategies	R2						Y			No
25.924	Opportunity Driven Multiple Access (ODMA)	R2							Y		No
25.925	Radio Interface for Broadcast/Multicast Services	R2						Y			No
25.926	UE Radio Access capabilities definition	R2						w			Yes
25.950	UTRA high speed downlink packet access	R2							Y		No
34.109	Logical Test Interface (TDD and FDD)	R2						Y			No
25.401	UTRAN Overall Description	R3						Y			No
25.402	Synchronisation in UTRAN Stage 2	R3						Y			No
25.410	UTRAN Iu Interface: General Aspects and Principles	R3						Y			No
25.411	UTRAN Iu interface Layer 1	R3						Y			No
25.412	UTRAN Iu interface signalling transport	R3						Y			No
25.413	UTRAN Iu interface RANAP signalling	R3						Y			No
25.414	UTRAN Iu interface data transport & transport signalling	R3						Y			No
25.415	UTRAN Iu interface user plane protocols	R3						Y			No
25.419	UTRAN Iu interface: Cell broadcast protocols between SMS-CBC and RNC	R3						Y			No
25.420	UTRAN Iur Interface: General Aspects and Principles	R3						Y			No
25.421	UTRAN Iur interface Layer 1	R3						Y			No
25.422	UTRAN Iur interface signalling transport	R3						Y			No
25.423	UTRAN Iur interface RNSAP signalling	R3						Y			No
25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams	R3						Y			No
25.425	UTRAN Iur interface user plane protocols for CCH data streams	R3						Y			No
25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams	R3						Y			No
25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams	R3						Y			No
25.430	UTRAN Iub Interface: General Aspects and Principles	R3						Y			No
25.431	UTRAN Iub interface Layer 1	R3						Y			No
25.432	UTRAN Iub interface signalling transport	R3						Y			No
25.433	UTRAN Iub interface NBAP signalling	R3						Y			No
25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams	R3						Y			No
25.435	UTRAN Iub interface user plane protocols for CCH data streams	R3						Y			No
25.442	UTRAN Implementation Specific O&M Transport	R3						Y			No
25.831	Study Items for future release	R3						Y			No
25.832	Manifestations of Handover and SRNS relocation	R3						Y			No
25.837	Hybrid ARQ Type II/III (Iub/Iur aspects)	R3							Y		No

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25.838	Node B Synchronisation for TDD (lub/lur aspects)	R3							Y		No
25.839	Uplink Synchronous Transmission Scheme (USTS) (lur/link aspects)	R3							Y		No
25.849	DSCH power control improvement in soft handover	R3							Y		No
25.850	UE positioning in UTRAN lub/lur protocol aspects	R3							Y		No
25.851	RAB Quality of Service Renegotiation over lu	R3							Y		No
25.852	Radio access bearer support enhancements for the lu	R3							Y		No
25.853	Delay budget within the access stratum	R3						Y			No
25.875	NAS node selector function	R3								Y	No
25.931	UTRAN Functions, examples on signalling procedures	R3						Y			No
25.932	Delay budget within the access stratum	R3							w		Yes
25.933	IP Transport in UTRAN	R3							Y		No
25.934	AAL2 QoS optimization	R3							Y		No
25.935	RRM optimisation	R3							Y		No
25.936	Handover for realtime services from PS-domain	R3							Y		No
25.937	UTRAN TDD low chiprate	R3							Y		No
25.938	Terminal power saving features	R3							Y		No
25.946	RAB Quality of Service Negotiation over lu	R3							Y		No
25.953	TrFO/TFO	R3							Y		No
25.954	Migration to modification procedure	R3							Y		No
29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R3						Y			No
30.531	Work Plan and Study Items - RAN WG3	R3						Y			No
25.101	UE Radio transmission and reception (FDD)	R4						Y			No
25.102	UE Radio transmission and reception (TDD)	R4						Y			No
25.104	UTRA (BS) FDD; Radio transmission and reception	R4						Y			No
25.105	UTRA (BS) TDD: Radio transmission and reception	R4						Y			No
25.106	UTRA Repeater; Radio transmission and reception	R4							Y		No
25.113	Base station EMC	R4						Y			No
25.123	Requirements for support of radio resource management (TDD)	R4						Y			No
25.133	Requirements for support of radio resource management (FDD)	R4						Y			No
25.141	Base station conformance testing (FDD)	R4						Y			No
25.142	Base station conformance testing (TDD)	R4						Y			No
25.143	UTRA Repeater; Conformance testing	R4							Y		No
25.845	FDD RACH and AICH performance requirements	R4							Y		No
25.846	CPCH performance	R4							w		Yes
25.941	Document structure	R4						Y			No
25.942	RF system scenarios	R4						Y			No
25.943	Deployment aspects	R4							Y		No
25.945	RF requirements for low chip rate TDD option	R4							Y		No
25.951	Base Station classification (FDD)	R4							Y		No

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25.952	Base Station classification (TDD)	R4							Y		No
25.956	UTRA repeater: Planning guidelines and system analysis	R4								Y	No
25.990	Vocabulary for UTRAN	R4						Y			No
30.504	Work Plan and Study Items - RAN WG4	R4							Y		No
34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	R4						Y			No
34.926	Table of International EMC requirements	R4							Y		No
01.02	General Description of a GSM Public Land Mobile Network (PLMN)	S1		Y	Y	Y					No
01.48	ISDN-based DECT/GSM interworking; Feasibility study	S1			Y	Y					No
01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms	S1					Y	w			No
01.60	GPRS requirements	S1				Y					No
02.01	Principles of Telecommunication Services Supported by a GSM Public Land Mobile Network(PLMN)	S1	Y	Y	Y	Y	Y	w			No
02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	S1	Y	Y	Y	Y	Y	w			No
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	S1	Y	Y	Y	Y	Y	w			No
02.04	General on Supplementary Services	S1	Y	Y	Y	Y	Y	w			No
02.06	Types of Mobile Stations (MS)	S1	Y	Y	Y	Y	Y				No
02.07	Mobile Station (MS) Features	S1	Y	Y	Y	Y	Y	w			No
02.11	Service Accessibility	S1	Y	Y	Y	Y	Y				No
02.16	International Mobile Station Equipment Identities (IMEI)	S1	Y	Y	Y	Y	Y				No
02.22	Stage 1 for Personalisation of GSM ME	S1			Y	Y	Y				No
02.24	Description of Charge Advice Information (CAI)	S1		Y	Y	Y	Y				No
02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	S1	Y	Y	Y	Y	Y				No
02.34	High Speed Circuit Switched Data (HSCSD) ; Stage 1	S1			Y	Y	Y	w			No
02.38	SIM application toolkit (SAT); Stage 1	S1			w						Yes
02.40	Procedures for Call Progress Indications	S1	Y	Y	Y	Y	Y	w			No
02.41	Operator Determined Barring	S1		Y	Y	Y	Y				No
02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	S1			Y	Y	Y	w			No
02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1					Y				No
02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	S1					Y	Y			No
02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1	S1					Y	w			No
02.60	General Packet Radio Service Stage 1 Description	S1			w	Y	Y	w			No
02.63	Packet Data on Signalling channels Service (PDS) ; Stage 1	S1			Y	Y	Y				No
02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1	S1			w		Y				No
02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP) ; Stage 1	S1			Y	Y	Y				No
02.68	Voice Group Call Service (VGCS) ; Stage 1	S1			Y	Y	Y	Y			No
02.69	Voice Broadcast Service (VBS) ; Stage 1	S1			Y	Y	Y	Y			No
02.71	Location Services (LCS) ; Stage 1	S1					Y				No
02.72	Call Deflection Service description, Stage 1	S1			w		Y				No
02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	S1			Y	Y	Y	w			No
02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)	S1			Y	Y	Y				No

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02.81	Line Identification Supplementary Services ; Stage 1	S1		Y	Y	Y	Y				No
02.82	Call Forwarding (CF) Supplementary Services ; Stage 1	S1	Y	Y	Y	Y	Y	w			No
02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services ; Stage 1	S1		Y	Y	Y	Y				No
02.84	MultiParty (MPTY) Supplementary Services ; Stage 1	S1		Y	Y	Y	Y				No
02.85	Closed User Group (CUG) Supplementary Services ; Stage 1	S1		Y	Y	Y	Y				No
02.86	Advice of Charge (AoC) Supplementary Services ; Stage 1	S1		Y	Y	Y	Y				No
02.87	User-to-User Signalling (UUS) Service Description, Stage 1	S1			w		Y				No
02.88	Call Barring (CB) Supplementary Services ; Stage 1	S1	Y	Y	Y	Y	Y				No
02.90	Stage 1 Decision of Unstructured Supplementary Service Data (USSD)	S1		Y	Y	Y	Y	w			No
02.91	Explicit Call Transfer (ECT)	S1			Y	Y	Y				No
02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description ; Stage 1	S1				Y	Y				No
02.94	Follow Me Service description; Stage 1	S1						Y			No
02.95	Digital cellular telecommunications system (Phase 2+); Support of Private Numbering Plan (SPNP); Service	S1			Y	Y	Y	Y			No
02.96	Name Identification Supplementary Services; Stage 1	S1				Y	Y				No
02.97	Multile Subscriber Profile (MSP) Service description, Stage 1	S1			w		Y				No
10.43	Support of Localised Service Area (SoLSA); Work Item Status	S1						Y			No
10.66	Support of Mobile Number Portability (MNP); Project plan	S1			w						No
10.71	Project scheduling and open issues:Location services (LCS)	S1					w				No
21.905	3G Vocabulary	S1						Y	Y		No
22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1						Y	Y		No
22.002	Circuit Bearer Services Supported by a PLMN	S1						Y	Y		No
22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1						Y	Y		No
22.004	General on Supplementary Services	S1						Y			No
22.011	Service accessibility	S1						Y	Y		No
22.016	International Mobile Equipment Identities (IMEI)	S1						Y	w		No
22.024	Description of Charge Advice Information (CAI)	S1						Y			No
22.030	Man-Machine Interface (MMI) of the Mobile Station (MS)	S1						Y			No
22.034	High Speed Circuit Switched Data (HSCSD) ; Stage 1	S1						Y			No
22.038	SIM application toolkit (SAT); Stage 1	S1						Y	Y	Y	No
22.041	Operator Determined Call Barring	S1						Y	Y		No
22.042	Network Identity and Time Zone (NITZ), stage 1	S1						Y			No
22.043	Support of Localised Service Area (SoLSA) ; Stage 1	S1						Y			No
22.057	Mobile Station Application Execution Environment (MExE); Stage 1	S1						Y	Y	Y	No
22.060	General Packet Radio Service (GPRS); Stage 1	S1						Y	Y		No
22.066	Support of Mobile Number Portability (MNP); Stage 1	S1						Y			No
22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP) ; Stage 1	S1						Y	Y		No
22.071	Location Services (LCS); Stage 1	S1						Y	Y		No
22.072	Call Deflection (CD); Stage 1	S1						Y			No
22.078	CAMEL; Stage 1	S1						Y	Y	Y	No

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22.079	Support of Optimal Routing; Stage 1	S1						Y			No
22.081	Line Identification Supplementary Services; Stage 1	S1						Y			No
22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1						Y			No
22.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1	S1						Y			No
22.084	MultiParty (MPPTY) Supplementary Service; Stage 1	S1						Y			No
22.085	Closed User Group (CUG) Supplementary Services; Stage 1	S1						Y			No
22.086	Advice of Charge (AoC) Supplementary Services; Stage 1	S1						Y			No
22.087	User-to-user signalling (UUS); Stage 1	S1						Y			No
22.088	Call Barring (CB) Supplementary Services; Stage 1	S1						Y			No
22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1						Y			No
22.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 1	S1						Y			No
22.093	Call Completion to Busy Subscriber (CCBS); Stage 1	S1						Y			No
22.094	Follow Me Stage 1	S1						w			No
22.096	Calling Name Presentation (CNAP); Stage 1 (T1P1)	S1						Y			No
22.097	Multiple Subscriber Profile (MSP); Stage 1	S1						Y			No
22.100	UMTS Phase 1	S1						Y			No
22.101	UMTS Service principles	S1						Y	Y	Y	No
22.105	Services & Service capabilities	S1						Y	Y		No
22.115	Service Aspects Charging and billing	S1						Y			No
22.121	Provision of Services in UMTS - The Virtual Home Environment ; Stage 1	S1						Y	Y		No
22.127	Service Requirement for the Open Services Access (OSA) ; Stage 1	S1							Y		No
22.129	Handover Requirements between UMTS and GSM or other Radio Systems	S1						Y	Y		No
22.135	Multicall Stage 1	S1						Y			No
22.140	Multimedia Messaging Service; Stage 1	S1						Y	Y		No
22.226	Global text telephony; Stage 1: Service description	S1							Y		No
22.227	Service requirements for the Open Service Access (OSA)	S1							Y		No
22.228	IP multimedia subsystem; Stage 1	S1								Y	No
22.971	Automatic establishment of roaming relationships	S1						Y			No
22.975	Advanced addressing	S1						Y			No
22.976	Study on PS domain services and capabilities	S1							Y		No
23.907	Quality of Service concept	S1							Y		No
42.068	Voice Group Call Service (VGCS) ; Stage 1	S1							Y		No
42.069	Voice Broadcast Service (VBS) ; Stage 1	S1							Y		No
03.01	Network Functions	S2	Y	Y	Y	Y	Y	w			No
03.02	Network Architecture	S2	Y	Y	Y	Y	Y				No
03.32	Universal Geographical Area Description (GAD)	S2			Y	Y	Y				No
03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2	S2					Y	w			No
03.60	General Packet Radio Service (GPRS) Service description; Stage 2	S2				Y	Y				No
03.71	Location services (LCS); Stage 2	S2					Y	Y			No

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03.73	Support of Localised Service Area (SoLSA); Stage 2	S2					Y				No
10.00	Digital Cellular Telecommunication System Feature Description	S2			Y		Y				No
10.14	System Overview for 14.4 kbit/s Work Item	S2			Y						No
10.56	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1	S2					Y	Y			No
10.60	General Packet Radio Services (GPRS); Project Scheduling and Open Issues	S2			w	w					No
10.68	Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call	S2			Y						No
10.78	Project scheduling and open issues: CAMEL	S2					Y				No
10.87	User to User Signalling (UUS)	S2					w				Yes
23.002	Network Architecture	S2						Y	Y	Y	No
23.032	Universal Geographical Area Description (GAD)	S2						Y			No
23.060	General Packet Radio Service (GPRS) Service description; Stage 2	S2						Y			No
23.101	General UMTS Architecture	S2						Y			No
23.107	Quality of Service, Concept and Architecture	S2						Y	Y		No
23.110	UMTS Access Stratum Services and Functions	S2						Y			No
23.121	Architecture Requirements for release 99	S2						Y		Y	No
23.127	Virtual Home Environment; Stage 2	S2						Y	Y		No
23.171	Functional stage 2 description of location services in UMTS	S2						Y			No
23.207	End to end quality of service concept and architecture	S2							Y		No
23.20U	Evolution of the GSM platform towards UMTS	S2									Yes
23.221	Architectural requirements	S2							Y		No
23.228	IP multimedia subsystem; Stage 2	S2								Y	No
23.271	Functional stage 2 description of location services	S2							Y		No
23.821	Architecture Principles for Release 2000	S2							Y		No
23.873	Feasibility study for transport and control separation in the PS CN domain	S2							Y		No
23.874	Feasibility study of architecture for network requested PDP context activation with User-ID	S2							Y		No
23.922	Architecture for an All IP network	S2						Y			No
23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN	S2						Y			No
23.925	UMTS Core network based ATM transport	S2						Y			No
23.930	Iu Principles	S2						Y			No
23.955	Virtual Home Environment (VHE) concepts	S2								Y	No
23.974	Support of push service	S2							Y		No
30.801	Overall Project Plan	S2							Y		No
30.802	Project plan on Bearer Services and QoS	S2							Y		No
30.804	Project plan on GSM/UMTS Interoperation and Mobility Management	S2							Y		No
30.806	Project plan on Location based services	S2							Y		No
30.808	Project plan on Packet Architecture and Circuit Architecture	S2							Y		No
30.810	Project plan on Security	S2							Y		No
30.812	Project plan on Services and Service platforms	S2							Y		No
01.31	Fraud Information Gathering System (FIGS); Service requirements ; Stage 0	S3					Y	Y			No

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01.33	Lawful Interception requirements for GSM	S3					Y	Y			No
01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	S3				w		Y			No
02.09	Security Aspects	S3	Y	Y	Y	Y	Y	Y			No
02.31	Fraud Information Gathering System (FIGS) Service description ; Stage 1	S3			w		Y	Y			No
02.32	Immediate Service Termination (IST); Service description ; Stage 1	S3					Y	Y			No
02.33	Lawful Interception ; Stage 1	S3			w		Y	Y			No
03.20	Security-related Network Functions	S3	Y	Y	Y	Y	Y	Y			No
03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3					Y	Y			No
03.33	Lawful Interception ; Stage 2	S3					Y	Y			No
03.35	Immediate Service Termination (IST); Stage 2	S3					Y	Y			No
10.20	Lawful Interception requirements for GSM	S3			Y	w					Yes
21.133	Security Threats and Requirements	S3						Y			No
22.022	Personalisation of GSM ME Mobile functionality specification ; Stage 1	S3						Y			No
33.102	Security Architecture	S3						Y			No
33.103	Security Integration Guidelines	S3						Y			No
33.105	Cryptographic Algorithm requirements	S3						Y			No
33.106	Lawful interception requirements	S3						Y			No
33.107	Lawful interception architecture and functions	S3						Y			No
33.120	Security Objectives and Principles	S3						Y			No
33.200	Network Domain Security	S3							Y		No
33.201	Access domain security	S3								Y	No
33.203	Access Security for IP based services	S3								Y	No
33.800	Principles for Network Domain Security	S3							Y	Y	No
33.900	Guide to 3G security	S3						Y			No
33.901	Criteria for cryptographic Algorithm design process	S3						Y			No
33.902	Formal Analysis of the 3G Authentication Protocol	S3						Y			No
33.903	Access Security for IP based services	S3							Y	Y	No
33.904	Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms	S3							Y		No
33.908	Security Algorithms Group of Experts (SAGE); General report on the design, specification and evaluation of 3GPP	S3						Y			No
33.909	ETSI SAGE 3GPP Standards Algorithms Task Force: Report on the evaluation of 3GPP standard confidentiality	S3						Y			No
35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications	S3						Y			No
35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification	S3						Y			No
35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	S3						Y			No
35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	S3						Y			No
35.205	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication	S3						Y			No
35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication	S3						Y			No
35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication	S3						Y			No
35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication	S3						Y			No
35.209	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication	S3						Y			No

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43.020	Security-related Network Functions	S3							Y		No
02.53	Tandem Free Operation (TFO); Service description; Stage 1	S4					Y	Y			No
02.76	Noise Suppression for the AMR	S4						Y			No
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	Y	Y	Y	Y	Y	Y			No
03.53	Tandem Free Operation (TFO); Service description; Stage 2	S4					Y	Y			No
03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4				Y	Y	Y			No
06.01	Full Rate Speech Processing Functions	S4	Y	Y	Y	Y	Y	Y			No
06.02	Half Rate Speech Processing Functions	S4		Y	Y	Y	Y	Y			No
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	S4		Y	Y	Y	Y	Y			No
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4		Y	Y	Y	Y	Y			No
06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4		Y	Y	Y	Y	Y			No
06.10	Full Rate Speech Transcoding	S4	Y	Y	Y	Y	Y	Y			No
06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	Y	Y	Y	Y	Y	Y			No
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	Y	Y	Y	Y	Y	Y			No
06.20	Half Rate Speech Transcoding	S4		Y	Y	Y	Y	Y			No
06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4		Y	Y	Y	Y	Y			No
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4		Y	Y	Y	Y	Y			No
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	Y	Y	Y	Y	Y	Y			No
06.32	Voice Activity Detection (VAD)	S4	Y	Y	Y	Y	Y	Y			No
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4		Y	Y	Y	Y	Y			No
06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4		Y	Y	Y	Y	Y			No
06.51	GSM Enhanced full rate speech processing functions: General description	S4		Y	Y	Y	Y	Y			No
06.53	ANSI-C code for the GSM Enhanced full rate speech codec	S4		Y	Y	Y	Y	Y			No
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	S4		Y	Y	Y	Y	Y			No
06.55	Performance characterisation of the GSM EFR Speech Codec	S4		Y	Y	Y	Y	Y			No
06.60	Enhanced full rate speech transcoding	S4		Y	Y	Y	Y	Y			No
06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels	S4		Y	Y	Y	Y	Y			No
06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4		Y	Y	Y	Y	Y			No
06.71	Adaptive Multi-Rate speech processing functions; General description	S4					Y				No
06.73	ANSI-C code for the GSM Adaptive Multi Rate (AMR) speech codec	S4					Y				No
06.74	Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec	S4					Y				No
06.75	AMR performance characterisation	S4					Y				No
06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report	S4					Y	Y			No
06.77	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder	S4						Y			No
06.78	Results of the AMR noise suppression selection phase	S4						Y			No
06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	S4		Y	Y	Y	Y	Y			No
06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	S4		Y	Y	Y	Y	Y			No
06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free	S4			Y	Y	Y	Y			No
06.90	Adaptive Multi-Rate speech transcoding	S4					Y				No

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06.91	Substitution and muting of lost frames for AMR speech traffic channels	S4					Y				No
06.92	Comfort noise aspects for Adaptive Multi-Rate speech traffic channels	S4					Y				No
06.93	Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels	S4					Y				No
06.94	Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels	S4					Y				No
08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	S4					Y	Y			No
10.70	GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR	S4					Y				No
22.053	Tandem Free Operation of speech codecs; Stage 1 service description	S4							w		Yes
26.071	AMR speech Codec; General description	S4						Y			No
26.073	AMR speech Codec; C-source code	S4						Y			No
26.074	AMR speech Codec; Test sequences	S4						Y			No
26.090	AMR speech Codec; Transcoding Functions	S4						Y			No
26.091	AMR speech Codec; Error concealment of lost frames	S4						Y			No
26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4						Y			No
26.093	AMR speech Codec; Source Controlled Rate operation	S4						Y	Y		No
26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S4						Y			No
26.101	AMR speech Codec; Frame Structure	S4						Y			No
26.102	AMR speech Codec; Interface to lu and Uu	S4						Y			No
26.103	Codec lists	S4						Y	Y		No
26.104	AMR speech Codec; Floating point C-Code	S4						Y	Y		No
26.110	Codec for Circuit switched Multimedia Telephony Service; General Description	S4						Y	Y		No
26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4						Y			No
26.131	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Characteristics	S4						Y			No
26.132	Narrow Band (3,1kHz) Speech & Video Telephony Terminal Acoustic Test Specification.	S4						Y			No
26.133	Wide band speech telephony terminal acoustic characteristics	S4						w			Yes
26.134	Wide band speech telephony terminal acoustic test specification	S4						w			Yes
26.135	Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony	S4						w			Yes
26.136	Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony	S4						w			Yes
26.137	Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony	S4						w			Yes
26.138	Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony	S4						w			Yes
26.171	AMR speech codec, wideband; General description	S4							Y		No
26.173	AMR speech codec, wideband; C-source code	S4							Y		No
26.174	AMR speech codec, wideband; Test sequences	S4							Y		No
26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions	S4							Y		No
26.191	AMR speech codec, wideband; Error concealment of lost frames	S4							Y		No
26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects	S4							Y		No
26.193	AMR speech codec, wideband; Source Controlled Rate operation	S4							Y		No
26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector	S4							Y		No
26.201	AMR speech codec, wideband; Frame structure	S4							Y		No
26.202	AMR speech codec, wideband; Interface to lu and Uu	S4							Y		No

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26.226	Global text telephony; Transport of text in the voice channel	S4							Y		No
26.230	Global text telephony; Cellular text telephone modem transmitter C-code	S4							Y		No
26.231	Global text telephony; Cellular text telephone modem minimum performance requirements	S4								Y	No
26.233	End-to-end transparent streaming service; General description	S4							Y		No
26.234	End-to-end transparent streaming service; Protocols and codecs	S4							Y		No
26.235	Packet switched conversational multimedia applications; Default codecs	S4							Y		No
26.901	AMR Wideband Speech Codec Feasibility Study Report	S4							Y		No
26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide	S4						Y	Y		No
26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C	S4						Y			No
26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G	S4						Y			No
26.915	Echo Control For Speech and Multi-Media Services	S4						Y			No
26.920	Architectural Model for the 3G Transcoders	S4							w		Yes
26.975	Performance characterization of the AMR speech codec	S4						Y			No
28.062	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	S4						w	Y		No
12.00	Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management	S5		Y							No
12.01	Common Aspects of Public Land Mobile Network (PLMN) Management	S5		Y							No
12.02	Subscriber, Mobile Equipment (ME) and Services Data Administration	S5		Y	Y						No
12.03	Security Management	S5		Y			Y	Y			No
12.04	Performance Management and Measurements for a GSM Public Land Mobile Network (PLMN)	S5		Y			Y	Y			No
12.05	Subscriber Related Call and Event Data	S5		Y	Y	Y	Y				No
12.06	Network Configuration Management and Administration	S5		Y							No
12.08	Subscriber and Equipment trace	S5		Y	Y						No
12.11	Fault management of the Base Station System (BSS)	S5		Y		Y					No
12.15	General Packet Radio Service (GPRS); GPRS Charging	S5				Y	Y				No
12.20	Base Station System (BSS) Management Information	S5		Y							No
12.21	Network Management (NM) Procedures and Messages on the A-bis Interface	S5		Y	Y						No
12.22	Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)	S5		Y							No
12.30	ETSI Object Identifier Tree; Mobile Domain O&M	S5		Y							No
12.71	Location Services (LCS); Location services management	S5					Y	Y			No
27.00U	Principles for handling of data services in the UMTS	S5									Yes
32.005	Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS)	S5						Y			No
32.015	Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS)	S5						Y			No
32.101	3G Telecom Management principles and high level requirements	S5						Y			No
32.102	3G Telecom Management Architecture	S5						Y			No
32.104	3G Performance Management	S5						Y			No
32.105	3G charging and billing; Stage 2 description	S5							Y		No
32.106	3G Configuration Management	S5						w			Yes
32.106-1	Telecommunication Management; Configuration Management; Part 1: 3G configuration management; Concept	S5						Y			No
32.106-2	Telecommunication Management; Configuration Management; Part 2: Notification Integration Reference Point;	S5						Y			No

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32.106-3	Telecommunication Management; Configuration Management; Part 3: Notification Integration Reference Point;	S5						Y			No
32.106-4	Telecommunication Management; Configuration Management; Part 4: Notification Integration Reference Point:	S5						Y			No
32.106-5	Telecommunication Management; Configuration Management; Part 5: Basic Configuration Management IRP	S5						Y			No
32.106-6	Telecommunication Management; Configuration Management; Part 6: Basic Configuration Management IRP	S5						Y			No
32.106-7	Telecommunication Management; Configuration Management; Part 7: Basic Configuration Management IRP	S5						Y			No
32.106-8	Telecommunication Management; Configuration Management; Part 8: Name convention for Managed Objects	S5						Y			No
32.111	3G Fault Management	S5						w			Yes
32.111-1	Telecommunication Management; Fault Management; Part 1: 3G fault management requirements	S5						Y			No
32.111-2	Telecommunication Management; Fault Management; Part 2: Alarm Integration Reference Point: Information	S5						Y			No
32.111-3	Telecommunication Management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution	S5						Y			No
32.111-4	Telecommunication Management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution	S5						Y			No
32.140	3G Service Management Requirements & Framework	S5							Y		No
32.800	Management level procedures and interaction with UTRAN	S5							Y		No
32.801	Performance management	S5								Y	No
01.01	GSM Release 1999 Specifications	SA						Y			No
01.50	Radio Local Loop (RLL) using GSM	SMG1			w						Yes
01.51	Dual mode of operation and roaming	SMG1			w						Yes
32.01U	Overall principles of the OAM for the UMTS	SMG12									Yes
01.03U	UMTS system requirements	SMG5									Yes
01.05U	System design methodology for the UMTS	SMG5									Yes
01.00	Working Procedures for SMG	SP			Y		Y	Y			No
01.05	Definitions	SP		w							Yes
10.94	Follow Me supplementary service	SP					w				Yes
21.010	reserved	SP						w			Yes
21.101	3rd Generation mobile system Release 1999 Specifications	SP						Y			No
21.102	3rd Generation mobile system Release 4 Specifications	SP							Y		No
21.801	3GPP drafting rules	SP							Y		No
21.900	3GPP working methods	SP						Y			No
41.001	GSM Specification set	SP							w		Yes
41.102	GSM Release 4 Specifications	SP							Y		No
09.12	Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling	SPAN3		Y	w						No
09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling	SPAN3					Y	w			No
34.108	Common Test Environments for User Equipment (UE) Conformance Testing	T1						Y			No
34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	T1						Y			No
34.122	Terminal Conformance Specification, Radio Transmission and Reception (TDD)	T1						Y			No
34.123-1	UE Conformance Specification, Part 1 – Conformance specification	T1						Y			No
34.123-2	UE Conformance Specification, Part 2 – ICS	T1						Y			No
34.123-3	UE Conformance Specification, Part 3 Abstract Test suites	T1						Y			No
34.910	Conformance Test specifications – Relevant for Regulatory use	T1							Y		No

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03.38	Alphabets and Language Specific Information for GSM	T2		Y	Y	Y	Y				No
03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message	T2		w	w	w	w				Yes
03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)	T2	Y	Y	Y	Y	Y				No
03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	T2	Y	Y	Y	Y	Y				No
03.42	SMS Compression	T2			Y	Y	Y				No
03.43	Support of Videotex	T2	Y	Y	Y	Y	Y	w			No
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	T2	Y	Y	Y	Y	Y	w			No
03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s)	T2		Y	Y	Y	Y	w			No
03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controler (BSC)	T2		Y	Y	Y	Y	w			No
03.57	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2	T2					Y				No
07.05	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message	T2		Y	Y	Y	Y				No
07.06	Use of the V Series Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface at the	T2		w							Yes
07.07	AT Command set for GSM Mobile Equipment (ME)	T2		Y	Y	Y	Y				No
07.08	GSM Application Programming Interface	T2			Y			w			No
07.10	Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol	T2				Y	Y				No
10.57	Project scheduling and open issues: Mobile Station Execution Environment (MExE)	T2					w	w			Yes
21.810	Report on multi-mode UE issues; ongoing work and identified additional work	T2						Y			No
21.904	UE Capability Requirements (UCR)	T2						Y			No
21.910	Multi-mode UE issues; categories, principles and procedures	T2						Y			No
22.945	Study of provision of fax service in GSM and UMTS	T2						Y			No
23.038	Alphabets & Language	T2						Y	Y		No
23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities	T2						Y			No
23.040	Technical realisation of Short Message Service	T2						Y	Y		No
23.041	Technical Realization of Cell Broadcast Service	T2						Y			No
23.042	Compression algorithm for SMS	T2						Y			No
23.057	Mobile Station Application Execution Environment (MExE)	T2						Y	Y		No
23.140	Multimedia Messaging Service (MMS)	T2						Y	Y		No
23.227	Terminal local model	T2							Y		No
27.005	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE - DCE) interface for Short Message	T2						Y			No
27.007	AT command set for 3G User Equipment (UE)	T2						Y	Y		No
27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol User Equipment (UE)	T2						Y			No
27.103	Wide Area Network Synchronisation	T2						Y			No
27.104	vObjects and other constructs for data synchronization	T2							Y		No
27.226	Global Text telephony; Terminal aspects	T2							Y		No
27.901	Report on Terminal Interfaces - An Overview	T2						Y			No
27.903	Discussion of Synchronisation Standards	T2						Y			No
34.907	Report on electrical safety requirements and regulations	T2						Y			No
34.925	Specific Absorption Rate (SAR) requirements and regulations in different regions	T2						Y			No
02.17	Subscriber Identity Modules, Functional Characteristics	T3	Y	Y	Y	Y	Y	Y			No

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02.19	Subscriber Identity Module Application Programming Interface (SIM API); Service description; Stage 1	T3					Y	w			No
02.48	Security mechanisms for the SIM Application Toolkit; Stage 1	T3				Y	Y	Y			No
03.19	GSM API for SIM toolkit stage 2	T3					Y	Y			No
03.48	Security Mechanisms for SIM Toolkit Application ; Stage 2	T3	Y			Y	Y	Y			No
09.91	Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2	T3		Y							No
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	T3	Y	Y	Y	Y	Y	Y			No
11.13	Test specification for SIM API for Java card	T3						Y			No
11.14	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit	T3			Y	Y	Y	Y			No
11.17	SIM test specification	T3					Y	w			No
11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface	T3					Y	w			No
11.19	CTS SIM Fixed Part	T3					Y				No
21.111	USIM and IC card requirements	T3						Y			No
22.112	USIM toolkit interpreter; Stage 1	T3							Y		No
31.101	UICC-terminal interface; Physical and logical characteristics	T3						Y			No
31.102	Characteristics of the USIM Application	T3						Y			No
31.110	Numbering system for telecommunication IC card applications	T3						Y			No
31.111	USIM Application Toolkit (USAT)	T3						Y	Y		No
31.120	Terminal tests for the UICC Interface; part 1	T3						Y			No
31.121	Terminal tests for the UICC Interface; part 2	T3						Y			No
31.122	UICC Test Specification	T3						Y			No