

Meeting #28, 06 - 08 June 2005,

Quebec, Canada

3GPP TSG-RAN
3GPP TSG-CT
Meeting #28, Québec, Canada, June 2005

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Title: **Specs lists per Release; a comparison**

Document for: **information**

TSGs are used to seeing draft CRs to 01.01 / 41.101 and 21.101 at each plenary meeting. Those CRs were then corrected in the light of the meetings currently taking place, and approved at the end of the SA plenary.

Now that Release 6 versions of these Technical Specifications exist, the task of reviewing the CRs is beginning to become unmanageable for delegates and Specs Manager alike. Therefore, although those CRs will still be produced, they will be presented only to SA. For the TSGs which meet in the preceding week, the matrix in this document is provided instead. It is easier to see at a glance which TS and TR appears in each Release, and it is even possible to identify the current version of each spec.

The attached Excel table is copied from the 3GPP web site page
<http://www.3gpp.org/ftp/Specs/html-info/SpecReleaseMatrix.htm>
 which is regularly updated.

3GPP Specification Release version matrix

This table shows the versions which exist in each Release of the 3GPP specifications.

Versions in bold green are current and under active maintenance.

Versions in italic red are withdrawn.

Where no version is shown for a given Release, there is no valid spec for that Release.

Phase 1 DCS and Extension Releases are shown separately from Phase 1 proper.

The "UMTS" Release indicates specs produced by ETSI TC SMG prior to the creation of 3GPP. (These specs have a "U" suffixed to their number.)

The "R00" Release was abandoned in favour of Rel-4 and Rel-5.

The 13.-series specifications (which relate to European regulatory requirements) are included in the table for information. On closure of ETSI TC SMG, the active ones were transferred to TC MSG; the version shown in the table reflects that current at the time of the transfer and should NOT be used to indicate the current version.

Click on a specification number for detailed information on it.

The Releases of little interest (Phase 1 in its various guises, Phase 2, ex-SMG-UMTS, and the defunct R00) are hidden in the table, but if necessary can easily be revealed by selecting the table and choosing Format | Column | Unhide. The table can be filtered by Working Group using the pull-down arrows in the header row.

Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
00.01U	Work programme for the standardization of Universal Mobile Telecommunications System (UMTS) <i>spec withdrawn</i>	SMG5									
00.02U	Coordination guideline for SMG on UMTS with respect to ITU and European research programmes <i>spec withdrawn</i>	SMG5									
01.00	Working Procedures for SMG and PT-SMG <i>spec withdrawn</i>	SP	5.2.0		7.2.0	8.0.0					
01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP	5.0.0	6.0.0	7.0.0	8.16.0					
01.01U	Universal Mobile Telecommunications System (UMTS); Objectives and overview <i>spec withdrawn</i>	SP									
01.02	General Description of a GSM Public Land Mobile Network (PLMN)	S1	5.0.0	6.0.1							
01.03U	Universal Mobile Telecommunications System (UMTS); System requirements <i>spec withdrawn</i>	SMG5									
01.04	Abbreviations and acronyms	GP	5.0.2	6.0.0	7.0.0	8.0.0					
01.04U	Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS) <i>spec withdrawn</i>	-									
01.05U	System design methodology for the UMTS <i>spec withdrawn</i>	SMG5									
01.31	Fraud Information Gathering System (FIGS); Service requirements: Stage 0	S3	5.0.0		7.0.1	8.0.0					
01.33	Lawful Interception requirements for GSM	S3			7.0.0	8.0.0					
01.48	ISDN-based DECT/GSM interworking: Feasibility study	S1	5.0.1	6.0.1							
01.50	Radio Local Loop (RLL) using GSM <i>spec withdrawn</i>	SMG1	1.0.0								
01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms	S1			7.0.0	8.0.0					
01.60	GPRS requirements	S1		6.0.0							

01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	S3	5.0.0	6.0.1	7.0.0	8.0.0					
02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)	S1	5.5.0	6.2.0	7.1.0	8.2.1					
02.01U	Framework for services to be supported by UMTS <i>spec withdrawn</i>	-									
02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	S1	5.3.2	6.1.1	7.0.2	8.0.0					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	S1	5.3.2	6.0.0	7.0.0	8.0.0					
02.04	General on Supplementary Services	S1	5.7.4	6.1.1	7.1.2	8.1.0					
02.05	Simultaneous and Alternate Use of Services <i>spec withdrawn</i>	-									
02.06	Types of Mobile Stations (MS)	S1	5.2.1	6.1.1	7.0.1						
02.06dcs	Types of Mobile Stations (MS) - DCS 1800	S1									
02.07	Mobile Station (MS) Features	S1	5.4.1	6.2.0	7.1.0	8.1.0					
02.08	Quality of Service (QoS) / GSM system performance <i>spec withdrawn</i>	-									
02.09	Security aspects	S3	5.2.1	6.1.1	7.1.1	8.0.1					
02.11	Service accessibility	S1	5.0.1	6.1.0	7.1.0						
02.11dcs	Service accessibility (DCS 1800)	S1									
02.16	International Mobile Station Equipment Identities (IMEI)	S1	5.2.0	6.2.0	7.2.0						
02.17	Subscriber Identity Module (SIM); Functional characteristics	C6	5.1.1	6.0.0	7.1.1	8.0.0					
02.19	Subscriber Identity Module Application Programming Interface (SIM API): Stage 1	C6			7.1.0	8.0.0					
02.20	Collection charges	S1									
02.21	Transferred account procedure and billing information <i>spec withdrawn</i>	S2									
02.22	Stage 1 for personalisation of GSM ME	S1	5.4.0	6.0.0	7.0.0						
02.24	Description of Charge Advice Information (CAI)	S1	5.0.1	6.0.1	7.0.1						

02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	S1	5.7.1	6.1.0	7.1.1						
02.31	Fraud Information Gathering System (FIGS); Service description: Stage 1	S3	5.0.0		7.1.1	8.0.1					
02.32	Immediate Service Termination (IST); Service description: Stage 1	S3			7.1.1	8.0.1					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
02.33	Lawful Interception (LI); Stage 1	S3	5.0.0		7.3.0	8.0.1					
02.34	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	5.2.1	6.0.0	7.0.0	8.1.0					
02.38	SIM application toolkit (SAT); Stage 1 <i>spec withdrawn</i>	S1	1.0.0								
02.40	Procedures for Call Progress Indications	S1	5.0.0	6.0.0	7.0.1	8.0.0					
02.41	Operator Determined Barring	S1	5.1.1	6.0.0	7.0.0						
02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1	S1	5.1.0	6.0.0	7.0.0	8.0.0					
02.43	Support of Localised Service Area (SoLSA); Service description: Stage 1	S1			7.3.0	8.0.0					
02.48	Security mechanisms for the SIM Application Toolkit: Stage 1	C6		6.0.0	7.0.0	8.0.0					
02.53	Tandem Free Operation (TFO); Service description: Stage 1	S4	5.1.0		7.0.1	8.0.1					
02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description: Stage 1	S1			7.2.1	8.0.1					
02.57	Mobile Station Application Execution Environment (MExE) Service description: Stage 1	S1			7.1.0	8.0.0					
02.60	General Packet Radio Service Stage 1 Description	S1	5.2.0	6.3.1	7.5.0	8.1.0					
02.63	Packet Data on Signalling channels Service (PDS): Stage 1	S1	5.0.0	6.0.0	7.0.0						
02.66	Support of Mobile Number Portability (MNP); Service description: Stage 1	S1	5.0.0		7.1.0						
02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP): Stage 1	S1	5.1.1	6.1.1	7.0.1						
02.68	Voice Group Call Service (VGCS): Stage 1	S1	5.2.1	6.0.1	7.0.2	8.1.0	9.0.0				
02.69	Voice Broadcast Service (VBS); Stage 1	S1	5.2.1	6.0.1	7.0.2	8.1.0	9.0.0				
02.71	Location Services (LCS); Stage 1	S1			7.3.0						

02.72	Call Deflection Service description; Stage 1	S1	5.0.0		7.2.1						
02.76	Noise Suppression for the AMR	S4				8.0.1					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	S1	5.6.0	6.6.1	7.2.0	8.0.0					
02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)	S1	5.2.0	6.0.0	7.0.0						
02.81	Line Identification Supplementary Services; Stage 1	S1	5.1.0	6.0.0	7.0.0						
02.82	Call Forwarding (CF) Supplementary Services; Stage 1	S1	5.0.0	6.0.0	7.0.1	8.0.0					
02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1	S1	5.0.0	6.0.0	7.0.0						
02.84	MultiParty (MPTY) Supplementary Services; Stage 1	S1	5.0.0	6.0.0	7.0.0						
02.85	Closed User Group (CUG) Supplementary Services; Stage 1	S1	5.0.0	6.0.0	7.0.0						
02.86	Advice of Charge (AoC) Supplementary Services; Stage 1	S1	5.0.0	6.0.0	7.0.0						
02.87	User-to-User Signalling (UUS) Service Description; Stage 1	S1	5.3.0		7.1.2						
02.88	Call Barring (CB) Supplementary Services; Stage 1	S1	5.0.0	6.0.0	7.0.0						
02.90	Unstructured Supplementary Service Data (USSD); Stage 1	S1	5.1.0	6.0.0	7.0.0	8.0.0					
02.91	Explicit Call Transfer (ECT)	S1	5.1.1	6.0.0	7.0.0						
02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1	S1	5.5.0	6.0.1	7.0.0						
02.94	Follow Me Service description; Stage 1 <i>spec withdrawn</i>	S1				8.0.0					
02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1	S1	5.2.0	6.0.0	7.0.0	8.0.0					
02.96	Name Identification Supplementary Services; Stage 1	S1	5.0.0	6.0.1	7.0.0						
02.97	Multiple Subscriber Profile (MSP) Phase 1; Service description; Stage 1	S1	5.2.0		7.1.0						
03.01	Network Functions	S2	5.1.0	6.1.0	7.0.0	8.0.0					

03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1	5.3.1	6.3.0	7.4.0	8.7.0					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
03.26	Multiband operation of GSM/DCS 1800 by a single operator	G1	5.2.0	6.0.0	7.0.0	8.0.0					
03.30	Radio Network Planning Aspects	GP	5.0.0	6.0.1	7.1.0	8.3.0					
03.31	Fraud Information Gathering System (FIGS); Service description: Stage 2	S3			7.0.0	8.0.0					
03.32	Universal Geographical Area Description (GAD)	S2	5.2.0	6.0.0	7.2.0						
03.33	Lawful Interception; Stage 2	S3			7.2.0	8.1.0					
03.34	High Speed Circuit Switched Data (HSCSD); Stage 2	C1	5.2.0	6.0.0	7.0.0						
03.35	Immediate Service Termination (IST); Stage 2	S3			7.0.1	8.1.0					
03.38	Alphabets and language-specific information	C1	5.6.1	6.0.1	7.2.0						
03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) <i>spec withdrawn</i>	T2	5.0.0	6.0.0	7.0.0						
03.40	Technical realization of the Short Message Service (SMS)	C1	5.8.1	6.2.0	7.5.0						
03.41	Technical Realization of Short Message Service Cell Broadcast (SMS-CB)	C1	5.9.1	6.1.0	7.4.0						
03.42	SMS Compression	C1	5.2.0	6.0.0	7.1.1						
03.43	Support of Videotex	C1	5.0.0	6.0.0	7.0.0	8.0.0					
03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	C1	5.0.0	6.0.0	7.0.0	8.0.0					
03.45	Technical Realization of Facsimile Group 3 Service - transparent	C3	5.2.1	6.0.1	7.0.1	8.0.1					
03.46	Technical Realization of Facsimile Group 3 Service - non transparent	C3	5.0.0	6.0.0	7.0.0	8.0.1					
03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	C4	5.0.0	6.0.0	7.0.0	8.0.0					

03.48	Security mechanisms for SIM application toolkit; Stage 2	C6		6.2.0	7.0.1	8.8.0					
03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)	C1	5.7.0	6.1.0	7.0.0	8.0.0					
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	5.4.0	6.2.1	7.1.1	8.1.1					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2	G1			7.1.1	8.0.1					
03.53	Tandem Free Operation (TFO); Service description; Stage 2	S4			7.0.1	8.0.0					
03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	C3	5.2.0	6.0.0	7.0.0						
03.55	Dual Transfer Mode (DTM); Stage 2	G1				8.4.0					
03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2	S2			7.1.1	8.0.0					
03.57	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2	C1			7.2.0						
03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4		6.0.1	7.0.0	8.0.0					
03.59	Location services (LCS) GERAN; Stage 2 <i>spec withdrawn</i>	G1					0.0.1				
03.60	General Packet Radio Service (GPRS); Service description; Stage 2	S2	5.3.0	6.11.0	7.9.0						
03.61	General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2 <i>spec withdrawn</i>	-		0.7.1							
03.63	Packet Data on Signalling channels service (PDS) Service description; Stage 2	C1	5.1.0	6.0.0	7.0.0	8.0.0					
03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2	G1	5.2.0	6.4.0	7.1.0	8.12.0					
03.66	Support of GSM Mobile Number Portability (MNP); Stage 2	C4			7.3.1						

03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP): Stage 2	C4	5.1.1	6.1.0	7.2.0						
03.68	Voice Group Call Service (VGCS): Stage 2	C1	5.6.0	6.4.0	7.3.0	8.5.1	9.0.0				
03.69	Voice Broadcast service (VBS); Stage 2	C1	5.6.0	6.4.0	7.3.0	8.4.0	9.0.0				
03.70	Routeing of Calls to/from Public Data Networks (PDN)	C3	5.0.0	6.0.0	7.0.0						
03.71	Location Services (LCS); Functional description: Stage 2	S2			7.11.0	8.9.0					
03.72	Call Deflection stage 2	C4			7.1.0						
03.73	Support of Localised Service Area (Sol.SA): Stage 2	C4			7.2.0	8.0.0					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
03.78	customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2: Stage 2	C4	5.8.0	6.11.1	7.8.1						
03.79	Support of Optimal Routeing phase 1: Stage 2	C4	5.5.0	6.3.0	7.3.0						
03.81	Line Identification Supplementary Services: Stage 2	C4	5.2.0	6.0.0	7.0.1						
03.82	Call Forwarding (CF) Supplementary Services: Stage 2	C4	5.0.0	6.1.0	7.0.0	8.0.0					
03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2	C4	5.0.0	6.0.0	7.0.0						
03.84	Multi Party (MPTY) Supplementary Services: Stage 2	C4	5.0.0	6.0.0	7.0.0						
03.85	Closed user Group (CUG) Supplementary Services: Stage 2	C4	5.0.0	6.0.0	7.0.0						
03.86	Advice of Charge (AoC) Supplementary Services: Stage 2	C4	5.0.1	6.0.1	7.0.1						
03.87	User-to-user signalling (UUS); Stage 2	C4			7.0.2						
03.88	Call Barring (CB) supplementary services: Stage 2	C4	5.0.0	6.0.0	7.0.0						
03.90	Unstructured Supplementary Service Data (USSD)	C4	5.0.0	6.0.0	7.0.0						
03.91	Explicit Call Transfer (ECT) Supplementary Service: Stage 2	C4	5.0.2	6.0.0	7.0.0						
03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS): Stage 2	C4		6.2.0	7.0.0						
03.96	Name Identification Supplementary Services: Stage 2	C4		6.0.1	7.0.0						
03.97	Multiple subscriber Profile (MSP); Stage 2	C4			7.2.0						

04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	C1	5.0.0	6.0.0	7.0.0	8.0.0					
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	C1	5.0.0	6.0.0	7.0.0						
04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	5.3.0	6.0.0	7.0.0	8.0.2					
04.04	Layer 1 - General Requirements	G2	5.1.0	6.0.0	7.0.0	8.1.2					
04.05	Data Link (DL) Layer General Aspects	G2	5.0.1	6.0.1	7.1.2	8.0.2					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer	G2	5.4.1	6.2.1	7.2.1	8.2.1					
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	C1	5.3.0	6.5.1	7.3.0						
04.08	Mobile radio interface layer 3 specification	C1	5.20.0	6.21.1	7.21.0	8.0.0					
04.08dcs	Mobile radio interface layer 3 specification (DCS 1800)	C1									
04.08ext	Mobile radio interface layer 3 specification, part 1 (Ext)	C1									
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	C4	5.0.1	6.0.1	7.1.0						
04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	C1	5.3.0	6.1.0	7.1.0						
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	5.0.2	6.0.1	7.0.1	8.0.0					
04.13	Performance Requirements on Mobile Radio Interface	C1	5.1.1	6.0.1	7.0.1	8.0.1					
04.14	Individual equipment type requirements and interworking; Special conformance testing functions	G2	5.1.0	6.3.1	7.3.0	8.6.0					
04.18	Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol	G2				8.26.0	9.0.0				
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	C3	5.7.0	6.1.0	7.1.0	8.3.0					

04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services Switching Centre (BSS -	C3	5.6.1	6.2.0	7.1.0	8.0.0					
04.30	Location Services (LCS); Supplementary service operations; Stage 3	C4			7.3.0						
04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)	G2			7.19.0	8.17.0					
04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS)	G2			7.4.0	8.4.1					
04.53	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3 <i>spec withdrawn</i>	-			1.6.0						
04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	C1			7.1.1	8.0.1					
04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	C1			7.0.3	8.0.1					
04.60	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC)	G2		6.14.0	7.10.0	8.26.0					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
04.62	General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3 <i>spec withdrawn</i>	-		0.2.0							
04.63	Packet Data on Signalling channels Service (PDS) Service Description; Stage 3	C1	5.0.0	6.0.0	7.0.0	8.0.1					

04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification	C1	5.1.0	6.10.0	7.5.0	8.7.0					
04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Transport Protocol (SNDCP)	C1	5.1.0	6.7.0	7.3.0	8.2.0					
04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP): Stage 3	C4	5.0.1	6.0.1	7.0.1						
04.68	Group Call Control (GCC) Protocol	C1	5.5.0	6.3.0	7.2.0	8.1.0	9.0.0				
04.69	Broadcast Call Control (BCC) protocol	C1	5.5.0	6.3.0	7.2.0	8.1.0	9.0.0				
04.71	Location Services (LCS); Mobile radio interface layer 3 specification	G2			7.5.0	8.4.0					
04.72	Call Deflection (CD) Supplementary Service: Stage 3	C4			7.0.1						
04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	C4	5.3.1	6.1.2	7.4.1						
04.81	Line Identification Supplementary Services: Stage 3	C4	5.0.1	6.0.1	7.0.1						
04.82	Call Forwarding (CF) Supplementary Services: Stage 3	C4	5.0.1	6.0.1	7.0.2						
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services: Stage 3	C4	5.0.1	6.0.1	7.0.1						
04.84	Multi Party (MPTY) Supplementary Services: Stage 3	C4	5.0.1	6.0.1	7.0.1						
04.85	Closed User Group (CUG) Supplementary Services: Stage 3	C4	5.0.0	6.0.0	7.0.0						
04.86	Advice of Charge (AoC) Supplementary Services: Stage 3	C4	5.0.1	6.0.1	7.0.1						
04.87	User-to-User Signalling (UUS) Supplementary Service: Stage 3	C4			7.0.2						
04.88	Call Barring (CB) Supplementary Services: Stage 3	C4	5.1.1	6.0.1	7.0.0						
04.90	Unstructured Supplementary Service Data (USSD)	C4	5.0.1	6.0.1	7.0.1						
04.91	Explicit Call Transfer (ECT) Supplementary Service: Stage 3	C4	5.1.2	6.0.1	7.0.1						
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04.93	Completion of Calls to Busy Subscriber (CCBS): Stage 3	C4		6.1.1	7.0.0						
04.96	Name Identification Supplementary Services: Stage 3	C4		6.0.1	7.0.0						
05.01	Physical Layer on the Radio Path (General Description)	G1	5.4.0	6.1.1	7.2.0	8.9.0					
05.01dcs	Physical Layer on the Radio Path (General Description) (DCS 1800)	G1									
05.01U	Universal Mobile Telecommunications System (UMTS); Objectives and framework for the Telecommunications Management Network (TMN) of	SP									
05.02	Multiplexing and Multiple Access on the Radio Path	G1	5.10.0	6.10.0	7.7.0	8.11.0					
05.03	Channel coding	G1	5.6.0	6.2.1	7.3.1	8.9.0					
05.04	Modulation	G1	5.1.1	6.1.1	7.3.0	8.4.0					
05.05	Radio Transmission and Reception	G1	5.13.0	6.8.0	7.9.0	8.18.0					
05.05dcs	Radio Transmission and Reception (DCS 1800)	G1									
05.08	Radio subsystem link control	G1	5.10.0	6.9.0	7.7.0	8.22.0					
05.08dcs	Radio Subsystem Link Control (DCS 1800)	G1									
05.09	Link adaptation	G1			7.7.0	8.5.0					
05.10	Radio subsystem synchronization	G1	5.4.1	6.7.0	7.4.0	8.12.0					
05.14	Release independent frequency bands: Implementation guidelines	G1		6.2.0	7.2.0						
05.15	Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines	G1				8.0.0					
05.22	Radio link management in hierarchical networks	G1	5.0.0	6.0.0	7.0.0	8.0.0					
05.50	Background for RF Requirements	G1	5.1.1	6.1.0	7.4.0	8.2.0					
05.56	GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem	G1			7.1.1	8.0.1					
05.90	GSM Electromagnetic Compatibility (EMC) considerations	G1	5.0.0	6.0.1	7.0.0						
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
06.01	Full Rate Speech Processing Functions	S4	5.1.1	6.0.1	7.0.2	8.0.1					

06.01U	Universal Mobile Telecommunications System (UMTS); Quality requirements for speech and associated channel coding for the UMTS <i>spec</i>	SP									
06.02	Half Rate Speech Processing Functions	S4	5.0.1	6.0.1	7.0.2	8.0.0					
06.02U	Universal Mobile Telecommunications System (UMTS); Quality requirements and selection procedure for the support of voice- band data coding for the UMTS <i>spec</i>	SP									
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	S4	5.1.1	6.0.1	7.0.1	8.0.1					
06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4	5.2.1	6.0.1	7.0.1	8.0.1					
06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	5.0.0	6.0.0	7.0.0	8.0.0					
06.10	Full Rate Speech Transcoding	S4	5.3.0	6.2.0	7.2.0	8.2.0					
06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	5.0.1	6.0.1	7.0.1	8.0.1					
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	5.1.0	6.1.0	7.1.0	8.1.0					
06.20	Half Rate Speech Transcoding	S4	5.1.1	6.0.1	7.0.1	8.0.1					
06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4	5.0.1	6.0.1	7.0.1	8.0.1					
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	5.1.0	6.0.1	7.0.1	8.0.1					
06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	5.0.1	6.0.1	7.0.1	8.0.1					
06.32	Voice Activity Detection (VAD)	S4	5.0.3	6.0.1	7.0.1	8.0.1					
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4	5.1.1	6.0.1	7.0.1	8.0.1					
06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	5.0.1	6.0.1	7.0.1	8.0.1					

06.51	GSM Enhanced full rate speech processing functions: General description	S4	5.3.0	6.2.0	7.2.0	8.2.0					
06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec	S4	5.1.3	6.0.1	7.0.1	8.0.1					
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	S4	5.3.0	6.2.0	7.2.0	8.2.0					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
06.55	Performance characterisation of the GSM EFR Speech Codec	S4	5.0.0	6.0.0	7.0.0	8.0.0					
06.60	Enhanced full rate speech transcoding	S4	5.2.1	6.0.1	7.0.2	8.0.1					
06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels	S4	5.1.2	6.0.1	7.0.1	8.0.1					
06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	5.1.3	6.0.1	7.0.1	8.0.1					
06.71	Adaptive Multi-Rate speech processing functions; General description	S4			7.0.2						
06.73	Adaptive Multi Rate (AMR) speech; ANSI-C code for the AMR speech codec	S4			7.6.0						
06.74	Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec	S4			7.3.0						
06.75	Performance characterization of the GSM Adaptive Multi-Rate (AMR) speech codec	S4			7.2.0						
06.76	Adaptive Multi-Rate (AMR) speech codec: Study phase	S4			7.0.2	8.0.1					
06.77	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder	S4				8.1.1					
06.78	Results of the AMR noise suppression selection phase	S4				8.0.1					
06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	S4	5.2.1	6.1.1	7.1.1	8.0.1					
06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	S4	5.0.3	6.0.1	7.0.1	8.0.1					

06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	S4	5.0.0	6.0.0	7.0.0	8.0.0					
06.90	Adaptive Multi-Rate speech transcoding	S4			7.2.1						
06.91	Substitution and muting of lost frames for AMR speech traffic channels	S4			7.1.1						
06.92	Comfort noise aspects for Adaptive Multi-Rate speech traffic channels	S4			7.1.1						
06.93	Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels	S4			7.5.0						
06.94	Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels	S4			7.1.1						
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	C3	5.9.1	6.1.0	7.1.1	8.0.0					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	C3	5.5.1	6.0.0	7.0.1	8.0.0					
07.03	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	C3	5.4.1	6.0.0	7.0.0	8.0.0					
07.05	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	C1	5.5.0	6.0.0	7.0.1						
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 <i>spec withdrawn</i>	T2									
07.07	AT Command set for GSM Mobile Equipment (ME)	C1	5.9.1	6.5.0	7.8.0						
07.08	GSM Application Programming Interface	C1	5.2.1			8.0.0					

07.10	Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol	C3		6.5.0	7.2.0						
07.60	General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	C3	5.1.0	6.5.0	7.2.0						
08.01	General Aspects on the BSS-MSC Interface	G2	5.0.0	6.0.0	7.0.0	8.0.1					
08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	5.1.0	6.0.0	7.0.0	8.0.1					
08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	5.0.0	6.0.0	7.0.1	8.0.1					
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	5.3.0	6.0.0	7.0.1	8.0.1					
08.08	Mobile-services Switching Centre Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	5.12.0	6.5.0	7.7.0	8.15.0	9.0.0				
08.08ext	Mobile-services Switching Centre Base Station system (MSC-BSS) Interface Layer 3 Specification (DCS 1800)	G2									
08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 4	G2	5.0.0	6.0.0	7.0.1	8.0.1					
08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2	5.0.0	6.3.0	7.1.0	8.0.1					
08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	5.0.0	6.8.0	7.5.0	8.12.0					
08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	C3	5.4.0	6.1.0	7.1.0	8.4.1					

09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land	C3	5.0.0	6.0.0	7.0.0						
09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	C3	5.0.0	6.0.0	7.0.0						
09.05	Interworking between the PLMN and the PSPDN for PAD Access	C3	5.0.0	6.0.0	7.0.0						
09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	C3	5.0.2	6.0.0	7.0.0						
09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network	C3	5.10.1	6.2.0	7.2.0	8.0.0					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	C1	5.1.0	6.0.0	7.2.0	8.2.0					
09.09	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN <i>spec withdrawn</i>	N4									
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)	C4	5.2.0	6.2.0	7.2.0						

09.10dcs	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)	C4											
09.11	Signalling Interworking for Supplementary Services	C4	5.1.0	6.0.0	7.0.1								
09.12	Application of ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Part 1: Protocol	TISPAN	5.3.1										
09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	C4		6.0.0	7.0.0								
09.14	Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Part 1: Protocol	TISPAN	5.0.0		7.1.0	8.0.0							
09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification	C1		6.1.0	7.0.1								
09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 2 specification	C1		6.7.0	7.5.0	8.0.0							
09.31	Location Services (LCS); Base Station System Application Part (LCS Extension (BSSAP-LF))	G2			7.8.0	8.7.1							
09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interfaces	C4	5.0.0	6.13.0	7.10.0								

09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Network (PDN)	C3		6.10.0	7.10.0						
09.78	CAMEL Application Part phase 2 (stage 3)	C4	5.7.0	6.5.0	7.1.0						
09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)	C1	5.1.0	6.0.0							
09.91	Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2	C6									
09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults	C1	5.1.1	6.1.1	7.0.1						
09.95	General Packet Radio Service (GPRS); Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles	G1		6.4.0	7.4.0	8.0.0					
10.00	Digital Cellular Telecommunication System Feature Description	S2	5.2.1		7.1.0						
10.01	GSM features and releases. <i>spec withdrawn</i>	-		0.0.2							
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
10.02	Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+	C4	5.1.0	6.1.0							
10.14	System overview for 14.4 kbit/s Work Item	S2	5.0.0								
10.17	General Packet Radio Service (GPRS); Charging in GPRS. <i>spec withdrawn</i>	-		1.0.0							
10.20	Lawful Interception requirements for GSM	S3	5.0.1	6.0.0							
10.43	Support of Localised Service Area (SoLSA); Work Item Status. <i>spec withdrawn</i>	S1				1.11.0					
10.56	Project scheduling and open issues: GSM Cordless Telephony System CTS Phase 1	S2			7.0.0	8.0.0					
10.57	Project scheduling and open issues: Mobile Station Execution Environment (MEXE) <i>spec withdrawn</i>	T2			7.0.0	8.0.0					
10.59	Project scheduling and open issues for EDGE	G1				8.0.0					

10.60	General Packet Radio Services (GPRS); Project Scheduling and Open Issues: <i>spec withdrawn</i>	S2	5.4.2	6.0.0							
10.66	Support of Mobile Number Portability (MNP); Project plan: <i>spec withdrawn</i>	S1	5.0.0								
10.68	Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS) <i>spec withdrawn</i>	S2	5.0.0								
10.70	GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR	S4			0.2.1						
10.71	Project scheduling and open issues: Location services (LCS) <i>spec withdrawn</i>	S1			7.0.0						
10.76	Noise suppression for the AMR codec; Project scheduling and open issues: <i>spec withdrawn</i>	S4				1.0.0					
10.78	Project scheduling and open issues: CAMEL <i>spec withdrawn</i>	S2			1.6.0						
10.89	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues: <i>spec withdrawn</i>	GP				0.0.6					
10.99	GERAN project plan and open issues: <i>spec withdrawn</i>	-					0.0.5				
11.10	Mobile Station Conformity Specification	G3new									
11.10-1	Mobile station (MS) conformance specification; Part 1: Conformance specification	G3new	5.12.2	6.4.0	7.3.0	8.3.0	9.0.1				
11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	G3new				8.0.0					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
11.10-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G3new	5.1.0			8.0.0	9.0.0				

11.24	GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification	G1									
11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters	G1	5.2.1	6.0.1	7.0.0	8.0.2					
11.30	Mobile Services Switching Centre	GP									
11.31	Home Location Register Specification	GP									
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
11.32	Visitor Location Register Specification	GP									
11.40	GSM System Simulator specification	G3new									
11.40dcs	DCS 1800 System Simulator conformity specification	G3new									
12.00	Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management	S5									
12.01	Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management	S5									
12.01U	Framework for satellite integration with the UMTS <i>spec withdrawn</i>	S5									
12.02	Subscriber, Mobile Equipment (ME) and Services Data Administration	S5	5.0.1								
12.02U	Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS <i>spec withdrawn</i>	S5									
12.03	Security Management	S5			7.0.1	8.0.0					
12.04	Performance data measurements	S5			7.0.0	8.1.0					
12.05	Subscriber Related Call and Event Data	S5	5.0.1	6.1.0	7.0.1						
12.06	Network Configuration Management and Administration	S5									
12.07	Public Land Mobile Network (PLMN) Quality of Service (QoS) <i>spec withdrawn</i>	-									
12.08	Subscriber and Equipment trace	S5	5.1.1								
12.11	Fault management of the Base Station System (BSS)	S5		6.3.0							
12.15	General Packet Radio Service (GPRS): GPRS Charging	S5		6.3.0	7.7.0						

12.20	Base Station System (BSS) Management Information	S5									
12.21	Network Management (NM) procedures and messages on the A-bis interface	G1	5.0.0	6.0.0	7.0.0	8.0.0					
12.22	Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)	G1									
12.30	ETSI Object Identifier Tree; Mobile Domain O&M	S5									
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
12.71	Location Services (LCS); Location services management	S5			7.0.1	8.0.1					
13.01	Attachment requirements for Global System for Mobile communications (GSM); Part 1: Mobile stations in the GSM 900 and DCS 1800 bands; Access	MSG									
13.01-1	Attachment requirements for Global System for Mobile communications (GSM) mobile stations; Access	MSG									
13.01-2	Attachment requirements for mobile stations in the DCS 1800 band and additional GSM 900 band; Access	MSG									
13.02	Attachment requirements for mobile stations in the DCS 1800 band and additional GSM 900 band; Access	MSG									
13.02-2	Attachment requirements (CDCS 1800); Telephony <i>spec withdrawn</i>	MSG-GSM									
13.11	Mobiles stations in the GSM 900 and DCS 1800 bands covering essential requirements under article 3.2 of the R&TTE Directive	MSG			7.0.1						
13.21	Base station systems and repeater equipment covering essential requirements under article 3.2 of the R&TTE directive	MSG			7.0.0	8.1.2					
13.34	Attachment requirements for Global System for Mobile communications (GSM); High Speed Circuit Switched Data (HSCSD) Multislot Mobile	MSG	5.1.1								

13.55	Attachment requirements for Cordless Telephony System Fixed Part (CTS-FP); Access <i>spec withdrawn</i>	-	1.0.0								
13.56	Cordless Telephony System Mobile Stations (CTS-MS); Access <i>spec withdrawn</i>	-	1.0.0								
13.57	unknown <i>spec withdrawn</i>	-	1.0.0								
13.60	Attachment requirements for Global System for Mobile communications (GSM); General Packet Radio Service (GPRS); Mobile stations; Access <i>spec withdrawn</i>	MSG	1.0.0								
13.67	Attachment requirements for Global System for Mobile communications (GSM); Railways Band (R-GSM); Mobile Stations; Access <i>spec withdrawn</i>	MSG	5.1.1								
13.68	Attachment requirements for Global System for Mobile communications (GSM); Advanced Speech Call Items (GSM-ASCI) Mobile Stations; Access <i>spec withdrawn</i>	MSG	5.0.2								
21.01U	Requirements for the UMTS Terrestrial Radio Access (UTRA) system	GP									
21.02U	High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept <i>spec withdrawn</i>	GP									
21.04U	Requirements for the support of data services in UMTS <i>spec withdrawn</i>	-									
21.06U	O&M requirements for the UMTS <i>spec withdrawn</i>	-									
21.100	3G specification handling procedures <i>spec withdrawn</i>	-				1.0.0					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
21.101	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system	SP				3.15.0		4.12.0	5.9.0	6.1.0	
21.102	3rd Generation mobile system Release 4 specifications <i>spec withdrawn</i>	SP						4.9.0			
21.103	3rd Generation mobile system Release 5 specifications <i>spec withdrawn</i>	SP							5.4.0		

22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3				3.2.1		4.1.0	5.0.0	6.0.0	
22.024	Description of Charge Advice Information (CAI)	S1				3.0.1		4.0.0	5.0.0	6.0.0	
22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1				3.4.0		4.1.0	5.0.0	6.0.1	7.0.0
22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3				3.0.0		4.0.0	5.0.0	6.0.0	
22.032	Immediate Service Termination (IST); Service description; Stage 1	S3				3.0.0		4.0.0	5.0.0	6.0.0	
22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1				3.2.1		4.1.0	5.0.0	6.0.0	
22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1				3.4.0		4.3.0	5.4.0	6.4.0	7.3.0
22.041	Operator Determined Call Barring	S1				3.3.1		4.1.0	5.0.0	6.2.0	
22.042	Network Identity and Time Zone (NITZ) service description; Stage 1	S1				3.0.1		4.2.1	5.1.0	6.0.0	
22.043	Support of Localized Service Area (SoLSA); Service description; Stage 1 <i>spec withdrawn</i>	S1				3.1.0					
22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1	C6						4.0.0	5.0.0		
22.053	Tandem Free Operation (TFO); Service description; Stage 1	S4				3.0.0		4.0.1	5.0.0	6.0.0	
22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1				3.0.1		4.1.0	5.4.0	6.0.0	
22.05U	Services and service capabilities <i>spec withdrawn</i>	-									
22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1				3.5.0		4.4.0	5.3.0	6.0.0	
22.066	Support of Mobile Number Portability (MNP); Stage 1	S1				3.2.0		4.0.0	5.1.0	6.1.0	
22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1	S1				3.0.1		4.1.0	5.0.0	6.1.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
22.071	Location Services (LCS); Stage 1	S1				3.5.0		4.6.0	5.4.0	6.7.0	7.1.0
22.072	Call Deflection (CD); Stage 1	S1				3.0.1		4.0.0	5.0.0	6.0.0	
22.076	Noise suppression for the AMR codec; Service description; Stage 1	S4						4.0.1	5.0.0	6.0.0	

22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1				3.9.0		4.5.0	5.15.0	6.7.0	7.3.0
22.079	Support of optimal routing; Stage 1	S1				3.0.1		4.0.0	5.0.0	6.0.0	
22.07U	UMTS terminal and smart card concepts <i>spec withdrawn</i>	-									
22.081	Line Identification supplementary services; Stage 1	S1				3.2.0		4.1.0	5.0.0	6.0.0	
22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1				3.0.2		4.2.0	5.0.0	6.0.0	
22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	S1				3.0.1		4.1.0	5.0.0	6.0.0	
22.084	MultiParty (MPTY) supplementary service; Stage 1	S1				3.0.1		4.1.0	5.0.0	6.0.0	
22.085	Closed User Group (CUG) supplementary services; Stage 1	S1				3.1.0		4.1.0	5.0.0	6.0.0	
22.086	Advice of Charge (AoC) supplementary services; Stage 1	S1				3.1.0		4.0.0	5.0.0	6.0.0	
22.087	User-to-user signalling (UUS); Stage 1	S1				3.1.0		4.0.0	5.0.0	6.0.0	
22.088	Call Barring (CB) supplementary services; Stage 1	S1				3.0.2		4.1.0	5.0.0	6.0.0	
22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1				3.1.0		4.0.0	5.0.0	6.0.0	
22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1				3.1.0		4.0.0	5.0.0	6.0.0	
22.093	Completion of Calls to Busy Subscriber (CCBS); Service description; Stage 1	S1				3.0.1		4.0.0	5.0.0	6.0.0	
22.094	Follow Me service description - Stage 1	S1				3.1.0		4.1.0	5.0.0	6.0.0	
22.096	Name identification supplementary services; Stage 1	S1				3.0.1		4.0.0	5.0.0	6.0.0	
22.097	Multiple Subscriber Profile (MSP) Phase 2; Service description; Stage 1	S1				3.2.0		4.1.0	5.0.0	6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
22.100	UMTS Phase 1	S1				3.7.0					
22.101	Service aspects; Service principles	S1				3.17.0		4.10.0	5.13.0	6.9.0	7.1.0
22.105	Services and service capabilities	S1				3.10.0		4.3.0	5.2.0	6.3.0	
22.112	USIM toolkit interpreter; Stage 1	C6						4.0.0	5.0.0	6.0.0	
22.115	Service aspects; Charging and billing	S1				3.4.0		4.1.0	5.4.0	6.4.0	

22.340	IP Multimedia Subsystem (IMS) messaging; Stage 1	S1								6.2.0	
22.60U	Mobile multimedia services including mobile Intranet and Internet services <i>spec withdrawn</i>	-									
22.70U	Virtual Home Environment <i>spec withdrawn</i>	-									
22.71U	Service aspects; Automatic Establishment of Roaming Relationships <i>spec withdrawn</i>	-									
22.75U	Service aspects; Advanced addressing <i>spec withdrawn</i>	-									
22.800	IP Multimedia Subsystem (IMS) subscription and access scenarios	S1								6.0.0	
22.80U	UMTS Relationship to other Standards <i>spec withdrawn</i>	-									
22.811	Review of network selection principles	S1									0.4.1
22.857	Run-time independent framework feasibility study	S1								6.0.0	
22.903	Study on Videotelephony teleservice	S1									0.1.0
22.907	Terminal concepts <i>spec withdrawn</i>	-				3.1.3					
22.924	Charging and accounting mechanisms <i>spec withdrawn</i>	-				3.1.1					
22.925	Quality of Service (QoS) and network performance <i>spec withdrawn</i>	-				3.1.1					
22.934	Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking	S1								6.2.0	
22.935	Feasibility study on Location Services (LCS) for Wireless Local Area Network (WLAN) interworking	S1									1.0.0
22.936	Behaviour of multi-system terminals	S1									0.3.0
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
22.940	IP Multimedia Subsystem (IMS) messaging; Stage 1	S1								6.0.0	
22.941	IP based multimedia framework; Stage 0 <i>spec withdrawn</i>	S1							0.7.0		
22.944	Report on service requirements for UE functionality split	S1							5.1.0	6.0.0	

22.945	Study of provision of fax service in GSM and UMTS	C1				3.0.0					
22.946	Broadcast and multicast services <i>spec withdrawn</i>	S1							1.0.0		
22.949	Study on a generalized privacy capability	S1								6.0.0	
22.950	Priority service feasibility study	S1								6.4.0	
22.951	Service aspects and requirements for network sharing	S1								6.1.0	
22.952	Priority service guide	S1								6.2.0	
22.953	Multimedia priority service feasibility study	S1									0.3.0
22.960	Mobile multimedia services <i>spec withdrawn</i>	-				3.0.1					
22.970	Virtual Home Environment (VHE) Report <i>spec withdrawn</i>	-				3.0.1					
22.971	Automatic establishment of roaming relationships	S1				3.1.1					
22.972	Circuit-switched multimedia <i>spec withdrawn</i>	-				0.0.0					
22.975	Advanced addressing	S1				3.1.0					
22.976	Study on PS domain services and capabilities <i>spec withdrawn</i>	S1						2.0.0	2.0.0	2.0.0	
22.977	Feasibility study for speech-enabled services	S1								6.0.0	
22.978	All-IP network (AIPN) feasibility study	S1									7.0.0
22.979	Feasibility study on combined Circuit Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions	S1									7.0.0
23.002	Network architecture	S2				3.6.0		4.8.0	5.12.0	6.7.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
23.003	Numbering, addressing and identification	C4				3.14.0		4.8.0	5.10.0	6.6.0	
23.007	Restoration procedures	C4				3.6.0		4.2.0	5.1.0	6.1.0	
23.008	Organisation of subscriber data	C4				3.8.0		4.3.0	5.7.0	6.5.0	
23.009	Handover procedures	C1				3.14.0		4.9.0	5.8.0	6.0.0	
23.010	GSM Public Land Mobile Network (PLMN) Connection Types <i>spec withdrawn</i>	-				3.0.0					
23.011	Technical realization of Supplementary Services	C4				3.1.0		4.0.1	5.0.0	6.0.0	
23.012	Location management procedures	C4				3.3.0		4.0.0	5.2.0	6.3.0	

23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	C1				3.2.0		4.1.0	5.1.0	6.0.0	
23.015	Technical realization of Operator Determined Barring (ODB)	C4				3.1.0		4.0.1	5.0.0	6.0.0	
23.016	Subscriber data management; Stage 2	C4				3.10.0		4.4.0	5.3.0	6.1.0	
23.018	Basic Call Handling; Technical realization	C4				3.12.0		4.7.0	5.9.0	6.4.0	
23.01U	General UMTS architecture. <i>spec withdrawn</i>	smg12									
23.022	Functions related to Mobile Station (MS) in idle mode and group receive mode <i>spec withdrawn</i>	-				3.1.0					
23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3				3.0.0		4.0.0	5.0.0	6.0.0	
23.032	Universal Geographical Area Description (GAD)	S2				3.2.1		4.1.1	5.0.0	6.0.0	
23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	C1				3.3.0		4.0.0	5.2.0	6.0.0	
23.035	Immediate Service Termination (IST); Stage 2	S3				3.1.0		4.1.0	5.1.0	6.0.0	
23.038	Alphabets and language-specific information	C1				3.3.0		4.5.0	5.1.0	6.1.0	
23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	C1				3.2.0		4.0.0	5.0.0		
23.040	Technical realization of Short Message Service (SMS)	C1				3.10.0		4.9.0	5.8.1	6.5.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
23.041	Technical realization of Cell Broadcast Service (CBS)	C1				3.5.0		4.4.0	5.2.0	6.2.0	
23.042	Compression algorithm for SMS	C1				3.1.0		4.0.1	5.0.0	6.0.0	
23.043	Support of Videotex <i>spec withdrawn</i>	-				3.0.0					
23.044	Support of Teletex <i>spec withdrawn</i>	-				3.0.0					
23.045	Technical Realization of Facsimile Group 3 Service - transparent <i>spec withdrawn</i>	N3				3.0.0					
23.046	Technical realisation of facsimile Group 3 service - non-transparent <i>spec withdrawn</i>	-				3.0.0					
23.048	Security mechanisms for the (U)SIM application toolkit; Stage 2	C6						4.4.0	5.8.0		

23.053	Tandem Free Operation (TFO); Service description; Stage 2	S4							4.0.1	5.0.0	6.0.0	
23.054	Shared Interworking Functions (SIWF); Stage 2 <i>spec withdrawn</i>	N3				3.0.0						
23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	S1				3.4.0			4.5.0	5.1.0	6.2.0	
23.060	General Packet Radio Service (GPRS); Service description; Stage 2	S2				3.16.0			4.9.0	5.10.0	6.8.0	
23.066	Support of GSM Mobile Number Portability (MNP) stage 2	C4				3.3.0			4.0.1	5.3.0	6.0.0	
23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	C4				3.3.0			4.1.1	5.0.0	6.1.0	
23.069	Voice Broadcast service (VBS); Stage 2 <i>spec withdrawn</i>	N1				3.0.0						
23.070	Routing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN) <i>spec withdrawn</i>	-				3.0.0						
23.071	Location Services (LCS); Functional description; Stage 2 <i>spec withdrawn</i>	-				3.0.0						
23.072	Call Deflection Supplementary Service; Stage 2	C4				3.3.0			4.0.1	5.0.0	6.0.0	
23.073	Support of Localised Service Area (SoLSA); Stage 2 <i>spec withdrawn</i>	N4				3.0.1			4.0.0			
23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	C4				3.19.0			4.11.1	5.9.0	6.5.0	
23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2	C4				3.8.0			4.2.0	5.5.0	6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
23.081	Line Identification supplementary services; Stage 2	C4				3.2.0			4.1.0	5.2.0	6.0.0	
23.082	Call Forwarding (CF) Supplementary Services; Stage 2	C4				3.7.0			4.3.0	5.0.0	6.0.0	
23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	C4				3.2.0			4.3.0	5.1.0	6.0.0	
23.084	MultiParty (MPTY) Supplementary Service; Stage 2	C4				3.2.0			4.0.0	5.0.0	6.0.0	
23.085	Closed User Group (CUG) Supplementary Service; Stage 2	C4				3.1.0			4.0.0	5.0.0	6.0.0	

23.086	Advice of Charge (AoC) Supplementary Service: Stage 2	C4				3.1.0		4.0.0	5.0.0	6.0.0	
23.087	User-to-User Signalling (UUS) supplementary service: Stage 2	C4				3.1.0		4.0.0	5.0.0	6.0.0	
23.088	Call Barring (CB) Supplementary Service: Stage 2	C4				3.2.0		4.0.0	5.0.0	6.0.0	
23.090	Unstructured Supplementary Service Data (USSD): Stage 2	C4				3.2.0		4.0.0	5.0.0	6.0.0	
23.091	Explicit Call Transfer (ECT) Supplementary Service: Stage 2	C4				3.2.0		4.1.0	5.1.0	6.0.0	
23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS): Stage 2	C4				3.2.0		4.0.0	5.0.0	6.0.0	
23.094	Follow Me Stage 2	C4				3.2.0		4.0.0	5.0.1	6.0.0	
23.096	Name Identification Supplementary Service: Stage 2	C4				3.0.1		4.0.0	5.0.0	6.0.0	
23.097	Multiple Subscriber Profile (MSP) Phase 1: Stage 2	C4				3.1.1		4.0.0	5.0.0	6.0.0	
23.101	General UMTS Architecture	S2				3.1.0		4.0.0	5.0.1	6.0.0	
23.107	Quality of Service (QoS) concept and architecture	S2				3.9.0		4.6.0	5.13.0	6.2.0	
23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)	C1				3.2.0		4.0.1	5.0.0	6.0.0	
23.10U	UMTS Access Stratum; Services and Functions <i>spec withdrawn</i>	-									
23.110	UMTS Access Stratum Services and Functions	S2				3.4.0		4.0.0	5.0.0	6.0.0	
23.116	Super-Charger technical realization: Stage 2	C4				3.2.0		4.2.0	5.0.0	6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
23.119	Gateway Location Register (GLR): Stage2	C4				3.0.0		4.0.0	5.0.0	6.0.0	
23.121	Architectural requirements for Release 1999	S2				3.6.0			5.0.0		
23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode	C1				3.10.0		4.4.0	5.3.0	6.4.0	7.1.0
23.125	Overall high level functionality and architecture impacts of flow based charging: Stage 2	S2								6.4.0	
23.127	Virtual Home Environment (VHE) / Open Service Access (OSA)	S2				3.4.0		4.3.0	5.2.0	6.1.0	
23.135	Multicall supplementary service; Stage 2	C4				3.2.0		4.0.0	5.0.0	6.0.0	

23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	CP				3.1.0		4.10.0	5.11.0	6.9.0	
23.141	Presence service; Architecture and functional description; Stage 2	S2								6.7.0	
23.146	Technical realization of facsimile Group 3 service - non-transparent	C3						4.1.0	5.0.0	6.0.0	
23.153	Out of Band Transcoder Control; Stage 2	C4						4.12.0	5.10.0	6.1.0	
23.171	Location Services (LCS); Functional description; Stage 2 (UMTS)	S2				3.11.0		4.0.0			
23.172	Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2	C3							5.5.0	6.2.0	
23.195	Provision of User Equipment Specific Behaviour Information (UESBI) to network entities	S2							5.4.0		
23.198	Open Service Access (OSA); Stage 2	C5								6.0.0	
23.202	Circuit switched data bearer services	C3								6.1.0	
23.205	Bearer-independent circuit-switched core network; Stage 2	C4						4.8.0	5.8.0	6.1.0	
23.207	End-to-end Quality of Service (QoS) concept and architecture	S2						2.0.0	5.9.0	6.4.0	
23.20U	Evolution of the GSM platform towards UMTS <i>spec withdrawn</i>	S2									
23.218	IP Multimedia (IM) session handling; IM call model; Stage 2	C1							5.8.0	6.3.0	
23.221	Architectural requirements	S2						4.2.0	5.11.0	6.3.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
23.226	Global text telephony (GTT); Stage 2; Architecture	S2							5.2.0	6.0.0	
23.227	Application and user interaction in the UE; Principles and specific requirements	S2						4.2.0	5.1.0		
23.228	IP Multimedia Subsystem (IMS); Stage 2	S2							5.13.0	6.9.0	
23.234	3GPP system to Wireless Local Area Network (WLAN) interworking; System description	S2								6.4.0	
23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes	S2							5.3.0	6.0.0	

23.240	3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)	S2							0.12.0	6.7.0	
23.241	3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM) <i>spec withdrawn</i>	N4							0.2.0	6.1.0	
23.246	Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description	S2								6.6.0	
23.251	Network sharing; Architecture and functional description	S2								6.3.0	
23.271	Functional stage 2 description of Location Services (LCS)	S2					4.13.0	5.13.0		6.11.0	7.0.0
23.278	Customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2	C4							5.6.0	6.0.0	
23.279	Combining CS and IMS services; Stage 2	S2									1.2.0
23.801	Potential mechanisms for Circuit Switched (CS) domain video and voice service improvements	S2								1.0.0	
23.802	Architectural enhancements for end-to-end Quality of Service (QoS)	S2									0.6.0
23.803	Evolution of policy control and charging	S2									0.5.2
23.804	Support of SMS and MMS over generic 3GPP IP access	S2									1.1.0
23.806	Voice call continuity between Circuit Switched (CS) and IP Multimedia Subsystem (IMS) Study	S2									0.2.0
23.814	Separating RR and MM specific parts of the MS Classmark	C1				3.1.0		4.0.0			
23.815	Charging implications of IMS architecture	S2							5.0.0		
23.821	Architecture Principles for Release 2000 <i>spec withdrawn</i>	S2						1.0.1			
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
23.825	Overall architecture aspects of IP flow based bearer level charging; Stage 2 <i>spec withdrawn</i>	S2								1.4.0	
23.835	Study into applicability of Galileo in Location Services (LCS)	S2								1.0.0	

Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
23.907	Quality of Service (QoS) concept <i>spec withdrawn</i>	S2						1.2.0			
23.908	Technical report on Pre-Paging	C4				3.0.1		4.0.0	5.0.0		
23.909	Technical report on the Gateway Location Register	C4				3.0.1		4.0.0	5.0.0		
23.910	Circuit switched data bearer services	C3				3.6.0		4.9.0	5.5.0		
23.911	Technical report on Out-of-band transcoder control	C4				3.0.1		4.0.0	5.0.0		
23.912	Technical report on Super-Charger	C4				3.1.0		4.1.0	5.0.0		
23.913	UMTS Turbo-Charger <i>spec withdrawn</i>	-						1.0.0			
23.917	Dynamic policy control enhancements for End to end Quality of Service (QoS) <i>spec withdrawn</i>	S2								1.2.0	
23.920	Evolution of the GSM platform towards UMTS <i>spec withdrawn</i>	-				3.1.0					
23.922	Architecture for an All IP network <i>spec withdrawn</i>	S2				1.0.0		4.0.0			
23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN	S2				3.0.0		4.0.0			
23.925	UMTS Core network based ATM transport <i>spec withdrawn</i>	S2				0.2.0					
23.927	VHE, Open Service Architecture (OSA) <i>spec withdrawn</i>	-				0.1.0					
23.930	Iu principles	S2				3.0.0		4.0.0			
23.934	3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition	S2								1.0.0	
23.941	3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)	C4								6.0.0	
23.955	Virtual Home Environment (VHE) concepts <i>spec withdrawn</i>	S2							0.1.0		
23.95U	UMTS Network Aspects; Network functions relevant to satellites <i>spec withdrawn</i>	-									
23.960	Framework of network functions to support multimedia services <i>spec withdrawn</i>	-				0.1.0					

23.964	Commonality and interoperability between IP Multimedia System (IMS) core networks <i>spec withdrawn</i>	S2									0.3.1	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
23.972	Circuit switched multimedia telephony	C1				3.0.0		4.0.0				
23.974	Support of push service <i>spec withdrawn</i>	S2							2.0.0			
23.976	Push architecture	S2								6.1.0		
23.977	Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks	S2								6.1.0		
23.979	3GPP enablers for Open Mobile Alliance (OMA) Push-to-talk over Cellular (PoC) services: Stage 2	S2								6.1.0		
23.981	Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations	S2							5.0.0	6.3.0		
24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	C1				3.1.1		4.1.1	5.1.1	6.0.0		
24.004	Layer 1 - General Requirements <i>spec withdrawn</i>	G2						4.0.0				
24.007	Mobile radio interface signalling layer 3: General Aspects	C1				3.10.0		4.4.0	5.4.0	6.4.0		
24.008	Mobile radio interface Layer 3 specification; Core network protocols: Stage 3	C1				3.19.0		4.14.0	5.12.0	6.8.0		
24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	C4				3.2.0		4.2.0	5.0.0	6.0.0		
24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface	C1				3.6.0		4.1.1	5.2.0	6.0.0		
24.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface <i>spec withdrawn</i>	G2				3.0.0						
24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	C3				3.5.0		4.1.0	5.5.0	6.0.0		
24.030	Location Services (LCS); Supplementary service operations: Stage 3	C4				3.3.0		4.2.0	5.1.0	6.3.0		

24.065	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SDCP)	N1				3.1.0					
24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP): Stage 3	C4				3.2.0		4.1.0	5.0.0	6.0.0	
24.068	Group Call Control (GCC) Protocol: <i>spec withdrawn</i>	N1				3.1.0					
24.069	Broadcast Call Control (BCC) protocol: <i>spec withdrawn</i>	N1				3.1.0					
24.072	Call Deflection Supplementary Service: Stage 3	C4				3.0.0		4.0.1	5.0.0	6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding	C4				3.7.1		4.4.0	5.5.0	6.3.0	
24.081	Line Identification Supplementary Service: Stage 3	C4				3.1.0		4.0.1	5.0.0	6.0.0	
24.082	Call Forwarding supplementary service: Stage 3	C4				3.0.0		4.0.1	5.0.0	6.0.0	
24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	C4				3.0.0		4.0.1	5.0.0	6.0.0	
24.084	MultiParty (MPTY) Supplementary Service: Stage 3	C4				3.0.0		4.0.1	5.0.0	6.0.0	
24.085	Closed User Group (CUG) Supplementary Service: Stage 3	C4				3.0.0		4.0.1	5.0.0	6.0.0	
24.086	Advice of Charge (AoC) Supplementary Service: Stage 3	C4				3.0.0		4.0.1	5.0.0	6.0.0	
24.087	User-to-User Signalling (UUS); Stage 3	C4				3.0.0		4.0.1	5.0.0	6.0.0	
24.088	Call Barring (CB) Supplementary Service: Stage 3	C4				3.0.0		4.0.2	5.0.0	6.0.0	
24.090	Unstructured Supplementary Service Data (USSD): Stage 3	C4				3.0.0		4.0.1	5.0.0	6.0.0	
24.091	Explicit Call Transfer (ECT) Supplementary Service: Stage 3	C4				3.0.0		4.0.1	5.0.0	6.0.0	
24.093	Call Completion to Busy Subscriber (CCBS): Stage 3	C4				3.0.0		4.0.1	5.0.0	6.0.0	
24.096	Name Identification Supplementary Service: Stage 3	C4				3.0.0		4.0.1	5.0.0	6.0.0	
24.109	Bootstrapping interface (Ub) and network application function interface (Ua): Protocol details	C1								6.2.0	

24.135	Multicall supplementary service; Stage 3	C4				3.2.0		4.1.1	5.0.0	6.0.0	
24.141	Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	C1								6.3.0	
24.147	Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	C1								6.2.0	
24.167	3GPP IMS Management Object (MO); Stage 3	C1								6.0.0	
24.228	Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	C1							5.12.0		
24.229	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	C1							5.12.0	6.6.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
24.234	3GPP system to Wireless Local Area Network (WLAN) interworking; User Equipment (UE) to network protocols; Stage 3	C1								6.2.0	
24.241	3GPP Generic User Profile (GUP) Common objects; Stage 3	C4								0.5.0	
24.247	Messaging using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	C1								6.1.0	
24.819	Protocol impact from providing IMS services via fixed broadband; Stage 3	C1									0.2.0
24.841	Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details	C1								6.0.0	
25.101	User Equipment (UE) radio transmission and reception (FDD)	R4				3.17.0		4.11.0	5.14.0	6.7.0	
25.102	User Equipment (UE) radio transmission and reception (TDD)	R4				3.12.0		4.7.0	5.6.0	6.0.0	
25.103	RF parameters in support of BRM <i>spec withdrawn</i>	R4				2.0.0					
25.104	Base Station (BS) radio transmission and reception (FDD)	R4				3.12.0		4.7.0	5.9.0	6.8.0	

25.105	Base Station (BS) radio transmission and reception (TDD)	R4				3.13.0		4.8.0	5.6.0	6.2.0	
25.106	UTRA repeater radio transmission and reception	R4						4.8.0	5.8.0	6.2.0	
25.107	UTRA Repeater; Conformance testing <i>spec withdrawn</i>	-						0.0.1			
25.113	Base station and repeater electromagnetic compatibility (EMC)	R4				3.5.0		4.4.0	5.5.0	6.1.0	
25.123	Requirements for support of radio resource management (TDD)	R4				3.14.0		4.13.0	5.10.0	6.3.0	
25.133	Requirements for support of radio resource management (FDD)	R4				3.20.0		4.14.0	5.14.0	6.9.0	
25.141	Base Station (BS) conformance testing (FDD)	R4				3.13.0		4.8.0	5.9.0	6.9.0	
25.142	Base Station (BS) conformance testing (TDD)	R4				3.13.0		4.9.0	5.7.0	6.2.0	
25.143	UTRA repeater conformance testing	R4						4.10.0	5.8.0	6.2.0	
25.171	Requirements for support of Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)	R4								6.1.0	
25.201	Physical layer - general description	R1				3.4.0		4.3.0	5.2.0	6.1.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	R1				3.12.0		4.6.0	5.6.0	6.4.0	
25.212	Multiplexing and channel coding (FDD)	R1				3.11.0		4.6.0	5.9.0	6.4.0	
25.213	Spreading and modulation (FDD)	R1				3.9.0		4.4.0	5.5.0	6.2.0	
25.214	Physical layer procedures (FDD)	R1				3.12.0		4.6.0	5.10.0	6.5.0	
25.215	Physical layer; Measurements (FDD)	R1				3.13.0		4.8.0	5.6.0	6.2.0	
25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	R1				3.11.0		4.7.0	5.5.0	6.3.0	
25.222	Multiplexing and channel coding (TDD)	R1				3.10.0		4.8.0	5.7.0	6.2.0	
25.223	Spreading and modulation (TDD)	R1				3.8.0		4.5.0	5.3.0	6.0.0	
25.224	Physical layer procedures (TDD)	R1				3.13.0		4.11.0	5.8.0	6.4.0	
25.225	Physical layer; Measurements (TDD)	R1				3.12.0		4.8.0	5.7.0	6.1.0	

25.301	Radio interface protocol architecture	R2				3.11.0		4.4.0	5.4.0	6.2.0	
25.302	Services provided by the physical layer	R2				3.16.0		4.8.0	5.7.0	6.3.0	
25.303	Interlayer procedures in Connected Mode	R2				3.12.0		4.5.0	5.2.0	6.2.0	
25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode	R2				3.14.0		4.8.0	5.8.0	6.5.0	
25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2	R2				3.11.0		4.7.0	5.9.0	6.1.0	
25.306	UE Radio Access capabilities definition	R2				3.10.0		4.10.0	5.10.0	6.4.1	
25.307	Requirements on User Equipments (Ues) supporting a release-independent frequency band	R2				3.4.0		4.4.0	5.3.0	6.1.0	
25.308	UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2	R2							5.7.0	6.3.0	
25.309	FDD enhanced uplink; Overall description; Stage 2	R2								6.2.0	
25.321	Medium Access Control (MAC) protocol specification	R2				3.17.0		4.10.0	5.10.0	6.4.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
25.322	Radio Link Control (RLC) protocol specification	R2				3.18.0		4.12.0	5.10.0	6.3.0	
25.323	Packet Data Convergence Protocol (PDCP) specification	R2				3.10.0		4.6.0	5.3.0	6.1.0	
25.324	Broadcast/Multicast Control (BMC)	R2				3.9.0		4.5.0	5.5.0	6.2.0	
25.331	Radio Resource Control (RRC) protocol specification	R2				3.21.0		4.17.0	5.12.1	6.5.0	
25.346	Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN); Stage 2	R2								6.4.0	
25.401	UTRAN overall description	R3				3.10.0		4.6.0	5.9.0	6.5.0	
25.402	Synchronization in UTRAN Stage 2	R3				3.10.0		4.6.0	5.3.0	6.2.0	
25.410	UTRAN Iu Interface: General Aspects and Principles	R3				3.8.0		4.5.0	5.4.0	6.2.0	
25.411	UTRAN Iu interface layer 1	R3				3.5.0		4.1.0	5.1.0	6.1.0	
25.412	UTRAN Iu interface signalling transport	R3				3.6.0		4.1.0	5.2.0	6.1.0	

25.413	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling	R3				3.14.0		4.12.0	5.11.0	6.5.0	
25.414	UTRAN Iu interface data transport & transport signalling	R3				3.13.0		4.7.0	5.7.0	6.2.0	
25.415	UTRAN Iu interface user plane protocols	R3				3.12.0		4.7.0	5.5.0	6.2.0	
25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)	R3				3.11.0		4.10.0	5.7.0	6.2.0	
25.420	UTRAN Iur Interface: General Aspects and Principles	R3				3.5.0		4.2.0	5.2.0	6.3.0	
25.421	UTRAN Iur interface Layer 1	R3				3.1.0		4.0.0	5.0.0	6.0.0	
25.422	UTRAN Iur interface signalling transport	R3				3.6.1		4.2.0	5.1.0	6.0.0	
25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling	R3				3.14.2		4.12.1	5.13.0	6.5.0	
25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams	R3				3.9.0		4.3.0	5.4.0	6.1.0	
25.425	UTRAN Iur interface user plane protocols for CCH data streams	R3				3.8.0		4.4.0	5.7.0	6.1.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams	R3				3.9.0		4.4.0	5.6.0	6.3.0	
25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams	R3				3.11.0		4.5.0	5.4.0	6.2.0	
25.430	UTRAN Iub Interface: General Aspects and Principles	R3				3.8.0		4.4.0	5.4.0	6.4.0	
25.431	UTRAN Iub interface Layer 1	R3				3.1.0		4.0.0	5.0.0	6.0.0	
25.432	UTRAN Iub interface: signalling transport	R3				3.1.0		4.0.0	5.1.0	6.0.0	
25.433	UTRAN Iub interface NBAP signalling	R3				3.14.2		4.13.0	5.12.0	6.5.0	
25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams	R3				3.8.0		4.4.0	5.4.0	6.1.0	
25.435	UTRAN Iub interface user plane protocols for CCH data streams	R3				3.11.0		4.6.0	5.7.0	6.1.0	
25.442	UTRAN implementation-specific O&M transport	R3				3.1.0		4.0.0	5.1.0	6.0.0	
25.450	UTRAN Iupc interface general aspects and principles	R3							5.1.0	6.0.0	
25.451	UTRAN Iupc interface layer 1	R3							5.0.1	6.0.0	

25.829	7.68 Mcps TDD pption: RF transmission/reception, System performance requirements and performance testing	R4										0.0.2
25.831	Study Items for future release spec withdrawn	R3				0.0.2						
25.832	Manifestations of Handover and SRNS relocation	R3				3.0.0		4.0.0				
25.833	Physical layer items not for inclusion in Release 99	R1				3.0.0						
25.834	UTRA TDD low chip rate option; Radio protocol aspects	R2						4.1.0				
25.835	Report on hybrid ARQ type II/III spec withdrawn	R2						1.0.0				
25.836	Node B synchronization for TDD	R1						4.1.0				
25.837	Hybrid ARQ Type II/III (lub/lur aspects) spec withdrawn	R3						0.1.0				
25.838	Node B Synchronisation for TDD (lub/lur aspects)	R3						4.1.0				
25.839	Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects) spec withdrawn	R3					0.1.0	0.3.0				
25.840	Terminal power saving features	R1						4.0.0				
25.841	DSCH power control improvement in soft handover	R1						4.1.0				
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
25.842	Smart antenna spec withdrawn	R1						1.0.0				
25.843	1,28 Mcps TDD UE Radio Access Capabilities	R2						4.1.0				
25.844	Radio acces bearer support enhancements	R2						4.3.0				
25.845	FDD RACH and AICH performance requirements spec withdrawn	R4						0.0.3				
25.847	UE positioning enhancements	R2						4.0.0				
25.848	Physical Layer Aspects of UTRA High Speed Downlink Packet Access	R1						4.0.0				
25.849	DSCH power control improvement in soft handover	R3						4.0.0				
25.850	UE positioning in UTRAN lub/lur protocol aspects	R3						4.3.0				
25.851	RAB Quality of Service (QoS) Renegotiation over lu	R3						4.0.0				

25.852	Iu enhancements for IP Multimedia (IMS) support in UTRAN	R3							0.1.2		0.0.0	
25.853	Delay budget within the access stratum	R3				3.1.0			4.0.0			
25.854	Uplink Synchronous Transmission Scheme (USTS)	R1								5.0.0		
25.855	High Speed Downlink Packet Access (HSDPA); Overall UTRAN description <i>spec withdrawn</i>	R2								5.0.0		
25.858	Physical layer aspects of UTRA High Speed Downlink Packet Access	R1								5.0.0		
25.859	User Equipment (UE) positioning enhancements for 1,28 Mcps TDD	R2								5.0.0		
25.860	Radio access bearer support enhancements	R2								5.0.0		
25.862	RAB support for IMS	R2									2.0.0	
25.867	Feasibility study for wideband distribution systems in 3rd generation networks <i>spec withdrawn</i>	R4								1.3.0	1.0.0	
25.868	Node B synchronization for 1,28 Mcps TDD	R1								5.0.1		
25.869	Transmitter diversity solutions for multiple antennas <i>spec withdrawn</i>	R1								1.2.1	1.2.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
25.870	Enhancement on the DSCH Hard Split mode	R1							5.0.0			
25.875	NAS node selector function	R3							5.0.0			
25.876	Multiple Input Multiple Output (MIMO) antennae in UTRA	R1							1.7.0	1.5.1		
25.877	High Speed Downlink Packet Access (HSDPA) - Iub/Iur Protocol Aspects	R3							5.1.0			
25.878	RL timing adjustment	R3							5.1.0			
25.879	Separation of resource reservation and radio link activation	R3							5.0.0			
25.880	Re-arrangement of Iub transport bearers	R3							5.0.0			
25.881	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS	R3							5.0.0			

25.882	1,28 Mcps TDD option base station classification	R4								5.0.0		
25.883	Direct Transport Bearers Between SRNC and Node-B	R3								5.0.0		
25.884	Iur Neighbouring cell reporting efficiency optimisation	R3								5.0.0		
25.885	UMTS 1800 / 1900 MHz work items report. <i>spec withdrawn</i>	R4								1.0.0		
25.887	Beamforming enhancements	R1								1.0.0	6.0.0	
25.888	Improvement of inter frequency and inter system measurement for 1.28 Mcps TDD	R1								1.0.0	6.0.0	
25.889	Feasibility study considering the viable deployment of UTRA in additional and diverse spectrum arrangements	R4									6.0.0	
25.890	High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD). <i>spec withdrawn</i>	R4								1.0.0		
25.891	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5	R3									0.3.0	
25.892	Feasibility study for Orthogonal Frequency Division Multiplexing (OFDM) for UTRAN enhancement	R1									6.0.0	
25.895	Analysis of higher chip rates for UTRA TDD evolution	R1									6.0.0	
25.896	Feasibility study for enhanced uplink for UTRA FDD	R1									6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
25.897	Feasibility study on the evolution of UTRAN architecture. <i>spec withdrawn</i>	R3									0.3.1	
25.898	Power control enhancements for UTRA	R1									0.1.0	
25.899	High Speed Downlink Packet Access (HSDPA) enhancements	R1									6.1.0	
25.901	Network Assisted Cell Change (NACC) from UTRAN to GERAN; Network side aspects	R3									6.1.0	
25.909	Enhanced uplink UTRA FDD; UTRAN Iub/Iur protocol aspects. <i>spec withdrawn</i>	R3									0.0.1	

25.912	Feasibility study for evolved Universal Terrestrial Radio Access (UTRA) and Universal Terrestrial Radio Access Network (UTRAN)	RP										0.0.0
25.921	Guidelines and principles for protocol description and error handling	R2				3.11.0		4.8.0	5.5.0	6.0.0		
25.922	Radio resource management strategies	R2				3.8.0		4.3.0	5.3.0	6.0.1		
25.923	Stage 2 Functional Specification of Location Services in UTRAN <i>spec withdrawn</i>	-				1.4.0						
25.924	Opportunity Driven Multiple Access (ODMA) <i>spec withdrawn</i>	R2						1.0.0				
25.925	Radio Interface for Broadcast/Multicast Services	R2				3.5.0						
25.926	UE Radio Access capabilities definition <i>spec withdrawn</i>	R2				3.3.0						
25.928	1,28 Mcps functionality for UTRA TDD physical layer	R1						4.0.1				
25.931	UTRAN Functions, examples on signalling procedures	R3				3.7.0		4.4.0	5.1.0	6.1.0		
25.932	Delay budget within the access stratum <i>spec withdrawn</i>	R3						2.0.0				
25.933	IP transport in UTRAN	R3						2.0.0	5.4.0			
25.934	AAL2 QoS optimization	R3						4.0.0				
25.935	RRM optimisation	R3						4.1.0				
25.936	Handover for realtime services from PS-domain	R3						4.0.1				
25.937	UTRAN TDD low chiprate	R3						4.1.0				
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
25.938	Terminal power saving features <i>spec withdrawn</i>	R3						2.0.0				
25.941	Document structure	R4				3.1.0						
25.942	Radio Frequency (RF) system scenarios	R4				3.3.0		4.2.0	5.3.0	6.4.0		
25.943	Deployment aspects	R4						4.2.0	5.1.0	6.0.0		
25.944	Channel coding and multiplexing examples	R1				3.5.0		4.1.0				
25.945	RF requirements for low chip rate TDD option	R4						4.1.1	5.1.0			
25.946	RAB Quality of Service (QoS) Negotiation over Lu	R3						4.0.0				

25.950	UTRA high speed downlink packet access	R2							4.0.0			
25.951	Base Station (BS) classification (FDD)	R4							1.1.0	1.5.1	6.2.0	
25.952	Base Station classification (TDD)	R4							1.1.0	5.2.0		
25.953	TrFO/TFO	R3							4.0.0			
25.954	Migration to modification procedure	R3							4.0.0			
25.956	Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis	R4							4.0.0	5.0.0	6.0.0	
25.990	Vocabulary for UTRAN spec withdrawn	R4				3.0.0						
25.991	Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment	R4								5.1.0		
25.992	Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements	RP									6.0.0	
25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)	R2				3.1.0		4.1.0	5.1.0		6.9.0	
25.994	Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults	R2								0.0.0		
25.995	Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the 3GPP TS 44.060	R2								0.0.1		
25.996	Spacial channel model for Multiple Input Multiple Output (MIMO) simulations	R1									6.1.0	
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25.998	UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release spec withdrawn	R2								0.0.1		
26.071	AMR speech Codec; General description	S4				3.0.1		4.0.0	5.0.0	6.0.0		
26.073	AMR speech Codec; C-source code	S4				3.3.0		4.1.0	5.3.0	6.0.0		

26.074	AMR speech Codec; Test sequences	S4				3.1.1		4.0.1	5.0.0	6.0.0	
26.075	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec <i>spec withdrawn</i>	-				1.2.0					
26.077	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech codec	S4						4.0.0	5.0.1	6.0.0	
26.078	Results of the AMR noise suppression selection phase <i>spec withdrawn</i>	S4						4.0.0			
26.090	AMR speech Codec; Transcoding Functions	S4				3.1.0		4.0.0	5.0.0	6.0.0	
26.091	AMR speech Codec; Error concealment of lost frames	S4				3.1.0		4.0.0	5.0.0	6.0.0	
26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4				3.0.1		4.0.0	5.0.0	6.0.0	
26.093	AMR speech Codec; Source Controlled Rate operation	S4				3.3.0		4.0.0	5.2.0	6.0.0	
26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S4				3.0.0		4.0.0	5.0.0	6.0.0	
26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure	S4				3.3.0		4.2.0	5.0.0	6.0.0	
26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to lu and lru	S4				3.4.0		4.1.0	5.2.0	6.0.0	
26.103	Speech codec list for GSM and UMTS	S4				3.2.0		4.4.0	5.6.0	6.1.0	
26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec	S4				3.5.0		4.5.0	5.4.0	6.1.0	
26.110	Codec for circuit switched multimedia telephony service; General description	S4				3.1.0		4.1.0	5.0.0	6.0.0	
26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4				3.4.0		4.0.0	5.1.0	6.1.0	
26.112	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements <i>spec withdrawn</i>	S4				1.1.0					
26.115	Echo control for speech and multimedia services	S4				0.0.1		4.0.0	5.0.0	6.0.0	

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26.131	Terminal acoustic characteristics for telephony; Requirements	S4				3.4.0		4.2.0	5.2.0	6.0.0	
26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification	S4				3.5.0		4.3.0	5.4.0	6.0.0	
26.140	Multimedia Messaging Service (MMS); Media formats and codes	S4							5.2.0	6.2.0	
26.141	IP Multimedia System (IMS) Messaging and Presence; Media formats and codes	S4								6.1.0	
26.171	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; General description	S4							5.0.0	6.0.0	
26.173	ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4							5.9.0	6.0.0	
26.174	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec test sequences	S4							5.4.0	6.0.0	
26.177	Speech Enabled Services (SES); Distributed Speech Recognition (DSR) extended advanced front-end test sequences	S4								6.0.0	
26.190	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Transcoding functions	S4							5.1.0	6.0.0	
26.191	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Error concealment of erroneous or lost frames	S4							5.1.0	6.0.0	
26.192	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Comfort noise aspects	S4							5.0.0	6.0.0	
26.193	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Source controlled rate adaptation	S4							5.0.0	6.0.0	
26.194	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Voice Activity Detector (VAD)	S4							5.0.0	6.0.0	

26.201	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Frame structure	S4							5.0.0	6.0.0	
26.202	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Interface to Lu, Uu and Nb	S4							5.1.0	6.0.0	
26.204	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; ANSI-C code	S4							5.3.0	6.0.0	
26.226	Cellular text telephone modem; General description	S4						4.0.0	5.0.0	6.0.0	
26.230	Cellular text telephone modem; Transmitter bit exact C-code	S4						4.0.0	5.0.2	6.0.0	
26.231	Cellular text telephone modem; Minimum performance requirements	S4							5.2.1	6.0.2	
26.233	End-to-end transparent streaming service; General description	S4						4.2.0	5.0.0	6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
26.234	Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs	S4						4.5.0	5.7.0	6.3.0	
26.235	Packet switched conversational multimedia applications; Default codecs	S4						4.1.0	5.1.0	6.4.0	
26.236	Packet switched conversational multimedia applications; Transport protocols	S4							5.6.0	6.2.0	
26.243	ANSI C code for the fixed-point distributed speech recognition extended advanced front-end	S4								6.1.0	
26.244	Transparent end-to-end packet switched streaming service (PSS); 3GPP file format (3GP)	S4								6.3.0	
26.245	Transparent end-to-end Packet switched Streaming Service (PSS); Timed text format	S4								6.1.0	
26.246	Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile	S4								6.0.0	
26.273	ANSI-C code for the fixed-point Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec	S4								6.0.0	

26.411	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Fixed-point ANSLC code	S4									6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
26.412	General audio codec audio processing functions; Source code for 3GP file format	S4								1.0.0		
26.901	Adaptive Multi-Rate Wideband (AMR-WB) speech codec; Feasibility study report	S4						4.0.1				
26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide	S4				3.4.0		4.2.0	5.1.0	6.0.0		
26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G	S4				3.0.0		4.0.0				
26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G. <i>spec withdrawn</i>	S4				0.0.1						
26.915	Echo Control For Speech and Multi-Media Services	S4				3.0.0						
26.920	Architectural Model for the 3G Transcoders. <i>spec withdrawn</i>	S4						0.1.1				
26.935	Packet Switched (PS) conversational multimedia applications; Performance characterization of default codecs	S4								6.0.0		
26.937	Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model	S4							5.0.0	6.0.0		
26.943	Recognition performance evaluations of codecs for Speech Enabled Services (SES)	S4								6.0.0		
26.946	Multimedia Broadcast/Multicast Service (MBMS) user service guidelines	S4								0.0.2		
26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec	S4				3.1.0		4.1.0	5.0.0	6.0.0		
26.976	Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec	S4							5.1.0	6.0.0		

26.978	Results of the Adaptive Multi-Rate (AMR) noise suppression selection phase	S4							4.0.0		6.0.0	
27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	C3				3.15.0			4.12.0	5.8.0	6.0.0	
27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	C3				3.5.0			4.0.0	5.0.0	6.0.0	
27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	C3				3.5.0			4.1.0	5.0.0	6.0.0	
27.005	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)	C1				3.2.0			4.2.1	5.0.1	6.0.1	
27.007	AT command set for User Equipment (UE)	C1				3.13.0			4.6.0	5.6.0	6.8.0	
27.00U	Principles for handling of data services in the UMTS <i>spec withdrawn</i>	S5										
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	C3				3.4.0			4.2.0	5.0.0	6.0.0	
27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	C3				3.8.0			4.3.1	5.6.0	6.0.0	
27.103	Wide Area Network Synchronization	C1				3.1.0			4.0.0	5.0.0		
27.104	vObjects and other constructs for data synchronization <i>spec withdrawn</i>	T2								0.1.1		
27.901	Report on Terminal Interfaces - An Overview	C3				3.1.0			4.1.0	5.0.0		
27.903	Discussion of synchronization standards	C1				3.0.0			4.0.0			
28.062	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3	S4				3.0.0			4.6.0	5.5.0	6.1.0	
29.002	Mobile Application Part (MAP) specification	C4				3.20.0			4.15.0	5.10.0	6.9.0	
29.004	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN) <i>spec withdrawn</i>	N3				3.0.0						

29.005	Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access <i>spec withdrawn</i>	N3				3.0.0						
29.006	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services <i>spec withdrawn</i>	N3				3.0.0						
29.007	General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network	C3				3.15.0		4.12.0	5.11.0	6.1.0		
29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	C4				3.12.0		4.8.0	5.7.0	6.5.0		
29.011	Signalling Interworking for Supplementary Services	C4				3.0.0		4.0.1	5.0.0	6.0.0		
29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	C4				3.0.0		4.0.1	5.0.0	6.0.0		
29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	C1				3.1.0		4.1.0	5.0.0	6.0.0		
29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer specification	C1				3.11.0		4.5.0	5.5.0	6.2.0		
29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	C4				3.19.0		4.11.0	5.13.0	6.8.0		

29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	C3				3.14.0		4.10.0	5.9.0	6.4.0	
29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	C4				3.15.0		4.8.0	5.9.0	6.4.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R3				3.3.0		4.4.0	5.4.0	6.2.0	
29.109	Generic Authentication Architecture (GAA); Zh and Zn Interfaces based on the Diameter protocol; Stage 3	C4								6.2.0	
29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GIR)	C4				3.0.0		4.0.0	5.0.0	6.0.0	
29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GIR); Stage 3	C4				3.1.0		4.0.0	5.0.0	6.0.0	
29.140	Multimedia Messaging Service (MMS); MM10 interface based on Diameter protocol; Stage 3	C4								6.0.0	
29.161	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services with Wireless Local Area Network (WLAN) access and Packet data Network (PDN)	C3								6.0.0	
29.162	Interworking between the IM CN subsystem and IP networks	C3							1.0.0	6.0.0	
29.163	Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks	C3							1.3.1	6.6.0	
29.198	Open Service Architecture (OSA) Application Programming Interface (API) - Part 1	C5				3.4.0					
29.198-01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview	C5						4.3.7	5.8.1	6.3.1	
29.198-02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data definitions	C5						4.7.0	5.9.1	6.3.1	

29.198-03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework	C5							4.9.0	5.9.1	6.4.0	
29.198-04	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control Service Capability Feature (SCF)	C5							4.11.0	5.0.0		
29.198-04-1	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Call control message definitions	C5								5.8.1	6.4.1	
29.198-04-2	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control Service Capability Feature (SCF)	C5								5.9.1	6.3.1	
29.198-04-3	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control Service Capability Feature (SCF)	C5								5.9.1	6.4.1	
29.198-04-4	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF)	C5								5.9.1	6.4.1	
29.198-05	Open Service Access (OSA) Application Programming Interface (API); Part 5: User interaction Service Capability Feature (SCF)	C5							4.10.0	5.9.1	6.3.1	
29.198-06	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility Service Capability Feature (SCF)	C5							4.5.0	5.7.1	6.4.1	
29.198-07	Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities Service Capability Feature (SCF)	C5							4.5.0	5.8.1	6.3.1	
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29.199-06	Open Service Access (OSA); Parlay X web services; Part 6: Payment	C5									6.0.0	
29.199-07	Open Service Access (OSA); Parlay X web services; Part 7: Account management	C5									6.0.0	
29.199-08	Open Service Access (OSA); Parlay X web services; Part 8: User status	C5									6.0.0	
29.199-09	Open Service Access (OSA); Parlay X web services; Part 9: Terminal location	C5									6.1.0	
29.199-10	Open Service Access (OSA); Parlay X web services; Part 10: Call handling	C5									6.0.0	
29.199-11	Open Service Access (OSA); Parlay X web services; Part 11: Audio call	C5									6.0.0	
29.199-12	Open Service Access (OSA); Parlay X web services; Part 12: Multimedia conference	C5									6.0.0	
29.199-13	Open Service Access (OSA); Parlay X web services; Part 13: Address list management	C5									6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
29.199-14	Open Service Access (OSA); Parlay X web services; Part 14: Presence	C5									6.1.0	
29.202	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3	C4						4.3.0	5.2.0	6.0.0		
29.205	Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3	C4						4.2.0	5.1.0	6.0.0		
29.207	Policy control over Gs interface	C3							5.9.0	6.3.0		
29.208	End to end Quality of Service (QoS) signalling flows	C3							5.9.0	6.3.0		
29.209	Policy control over Gq interface	C3								6.2.0		
29.210	Charging rule provisioning over Gx interface	C3								6.1.0		
29.211	Rx Interface and Rx/Gx signalling flows	C3								6.0.0		
29.228	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents	C4							5.11.0	6.6.1		

29.229	Cx and Dx interfaces based on the Diameter protocol; Protocol details	C4							5.10.0	6.4.0	
29.230	Diameter applications; 3GPP specific codes and identifiers	C4								6.3.0	
29.232	Media Gateway Controller (MGC) Media Gateway (MGW) interface; Stage 3	C4						4.11.0	5.10.0	6.1.0	
29.234	3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3	C4								6.2.0	
29.240	3GPP Generic User Profile (GUP); Stage 3; Network	C4								6.0.0	
29.278	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystem (IMS)	C4							5.4.0	6.1.0	
29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents	C4							5.9.0	6.5.0	
29.329	Sh interface based on the Diameter protocol	C4							5.9.0	6.4.0	
29.332	Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mn interface; Stage 3	C4								6.1.0	
29.414	Core network Nb data transport and transport signalling	C3						4.4.0	5.0.0	6.0.0	
29.415	Core network Nb interface user plane protocols	C3						4.3.0	5.1.0	6.0.1	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
29.846	Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description	C1								6.0.0	
29.847	Conferencing based on SIP, SDP, and other protocols; Functional models, information flows and protocol details	C1								6.0.0	
29.903	Feasibility Study on SS7 signalling transport in the core network with SCCP-User Adaptation (SUA) layer	C4							5.0.0	6.0.0	
29.962	Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage	C3								6.1.0	

29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	C1					3.0.1		4.0.1	5.0.1	6.0.0	
29.998	Open Services Architecture API part 2	C5					3.2.0					
29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General issues on Application Programme Interface (API) mapping	C5							4.0.0	5.0.0	6.0.0	
29.998-04-1	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API, CAP, M...	C5							4.2.0	5.0.0	6.0.0	
29.998-04-4	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: M...	C5								5.0.3	6.0.4	
29.998-05-1	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping;	C5							4.0.0	5.0.0	6.0.0	
29.998-05-4	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping;	C5							4.0.0	5.0.0	6.0.0	
29.998-06	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping;	C5							4.0.0	5.0.0	6.0.0	
29.998-08	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping	C5							4.0.0	5.0.0	6.0.0	

30.002	Guidelines for the modification of the Mobile Application Part (MAP) <i>spec withdrawn</i>	N4							4.0.1	5.0.0		
30.00U	SMG - UMTS Work programme <i>spec withdrawn</i>	-										
30.01U	UMTS Baseline document: Collection of the SMG's positions on the UMTS <i>spec withdrawn</i>	-										
30.03U	Selection procedures for the choice of radio transmission technologies of the UMTS	GP										
30.04U	Definition of the limited number of UTRA concepts <i>spec withdrawn</i>	GP										
30.06U	UTRA concept evaluation	SP										
30.20U	Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS <i>spec withdrawn</i>	-										
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30.504	Work Plan and Study Items - RAN WG4 <i>spec withdrawn</i>	R4						2.2.0				
30.531	Work Plan and Study Items - RAN WG3	R3				0.13.1				0.11.0		
30.801	Overall Project Plan <i>spec withdrawn</i>	S2						1.1.0				
30.802	Project plan on Bearer Services and QoS <i>spec withdrawn</i>	S2						4.0.0				
30.804	Project plan on GSM/UMTS Interoperation and Mobility Management <i>spec withdrawn</i>	S2						1.0.0				
30.806	Project plan on Location based services <i>spec withdrawn</i>	S2						1.0.0				
30.808	Project plan on Packet Architecture and Circuit Architecture <i>spec withdrawn</i>	S2						1.0.0				
30.810	Project plan on Security <i>spec withdrawn</i>	S2						1.0.0				
30.812	Project plan on Services and Service platforms <i>spec withdrawn</i>	S2						1.0.0				
30.902	Guidelines for the modification of the Mobile Application Part (MAP) in Phase 2+	C4						4.0.2	5.0.1	6.0.0		

31.048	Security mechanisms for the (U)SIM application toolkit; Test specification	C6								5.0.4		
31.101	UICC-terminal interface; Physical and logical characteristics	C6				3.3.1			4.2.1	5.2.1	6.4.1	
31.102	Characteristics of the USIM application	C6				3.17.0			4.14.0	5.12.0	6.9.0	7.0.0
31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application	C6								5.9.0	6.7.0	
31.110	Numbering system for telecommunication IC card applications	C6				3.2.0			4.1.0			
31.111	Universal Subscriber Identity Module Application Toolkit (USAT)	C6				3.13.0			4.14.0	5.9.0	6.5.0	
31.112	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description- Stage 2	C6								5.2.0	6.0.0	
31.113	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes	C6								5.6.0	6.3.0	
31.114	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration	C6								5.3.0	6.0.0	
31.115	Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications	C6								1.0.0	6.4.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
31.116	Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications	C6								1.0.0	6.7.0	
31.120	UICC-terminal interface; Physical, electrical and logical test specification	C6				3.1.0			4.0.0	5.0.0	6.0.0	
31.121	UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification	C6				3.12.0			4.11.0	5.1.0		
31.122	Universal Subscriber Identity Module (USIM) conformance test specification	C6				3.8.0			4.0.0			
31.123	(Universal) Subscriber Interface Module ((U)SIM) toolkit interpreter test <i>spec withdrawn</i>	T3								0.3.0		

31.124	Mobile Equipment (ME) conformance test specification; Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification	C6										6.0.0	
31.130	(U)SIM Application Programming Interface (API); (U)SIM API for Java Card	C6										6.2.0	7.0.0
31.131	C-language binding for (Universal) Subscriber Identity Module (U)SIM API	C6							1.0.0			6.1.0	
31.50U	Essential requirements for UMTS Mobile Stations (ME) operating within frequency bands 1885-1980, 2010-2025 and 2110-2200 MHz. <i>spec withdrawn</i>												
31.60U	Essential requirements for UMTS Mobile Earth Stations (MES) operating within frequency bands 1980- 2010 and 2170-2200 MHz. <i>spec withdrawn</i>												
31.900	SIM/USIM internal and external interworking aspects	C6				3.2.0		4.0.0		5.5.0		6.1.0	
31.919	2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking	C6										6.1.0	
32.005	Telecommunications management; Charging management; 3G call and event data for the Circuit Switched (CS) domain	S5				3.7.0							
32.015	Telecommunications management; Charging management; 3G call and event data for the Packet Switched (PS) domain	S5				3.12.0							
32.01U	Overall principles of the OAM for the UMTS. <i>spec withdrawn</i>	SMG12											
32.101	Telecommunication management; Principles and high level requirements	S5				3.4.0		4.2.1		5.5.0		6.1.0	
32.102	Telecommunication management; Architecture	S5				3.2.0		4.5.0		5.6.0		6.3.0	
32.104	Telecommunication management; 3G Performance Management	S5				3.9.0		4.0.0					
32.105	3G charging and billing; Stage 2 description. <i>spec withdrawn</i>	S5						0.0.4					

32.106	Configuration Management <i>spec withdrawn</i>	S5				3.0.1					
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
32.106-1	Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements	S5				3.1.0		4.0.0			
32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service (IS)	S5				3.3.0					
32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5				3.3.0					
32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Poin (IRP); Common Management Information Protocol (CMIP) Solution Set (SS)	S5				3.2.1					
32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic CM Integration Reference Point (IRP): Information model (including Network Resource Model (NRM))	S5				3.2.0					
32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution	S5				3.4.0					

32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5					3.3.0											
32.106-8	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects	S5					3.2.0			4.0.0								
32.108	Telecommunication management; Subscriber and equipment trace <i>spec withdrawn</i>	S5											0.1.0					
32.111	3G Fault Management <i>spec withdrawn</i>	S5					3.2.0			4.0.0								
32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements	S5					3.2.0			4.0.1		5.1.1		6.0.0				
32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)	S5					3.4.0			4.8.0		5.6.0		6.4.0				
32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5					3.6.0			4.6.0		5.6.0		6.2.0				
32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5					3.2.0			4.6.0		5.9.0		6.4.0				
32.111-5	Telecommunication management; Fault Management; Part 5: Alarm Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions	S5												6.0.0				

32.252	Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging	S5									1.0.0	
32.260	Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging	S5									6.1.0	
32.270	Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging	S5									6.2.0	
32.271	Telecommunication management; Charging management; Location Services (LCS) charging	S5									6.0.0	
32.272	Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging	S5									2.0.0	
32.273	Telecommunication management; Charging management; Multimedia Broadcast and Multicast Service (MBMS) charging	S5									2.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
32.295	Telecommunication management; Charging management; Charging Data Record (CDR) transfer	S5									6.0.0	
32.296	Telecommunication management; Charging management; Online Charging System (OCS): Applications and interfaces	S5									6.0.0	
32.297	Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer	S5									6.0.0	
32.298	Telecommunication management; Charging management; Charging Data Record (CDR) parameter description	S5									2.0.0	
32.299	Telecommunication management; Charging management; Diameter charging applications	S5									6.2.0	

32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects	S5						4.1.1	5.0.1	6.1.0	
32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements	S5						4.0.2	5.0.1	6.0.0	
32.301-1	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements <i>spec withdrawn</i>	S5						2.0.0			
32.301-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service <i>spec withdrawn</i>	S5						2.0.0			
32.301-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set <i>spec withdrawn</i>	S5						2.0.0			
32.301-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: Common Management Information Protocol (CMIP) solution <i>spec withdrawn</i>	S5						2.0.0			
32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)	S5						4.2.0	5.2.0	6.2.0	
32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5						4.5.0	5.2.0	6.3.0	

32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5							4.2.1	5.2.1	6.1.0	
32.305	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): eXtensible Markup Language (XML) definition	S5									1.0.0	
32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	S5							4.1.0	5.1.0	6.1.0	
32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)	S5							4.1.0	5.1.0	6.1.0	
32.313	Telecommunication management; Generic Integration Reference Point (IRP) management; Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5									6.0.0	
32.314	Telecommunication management; Generic Integration Reference Point (IRP) management; Common Management Information Protocol (CMIP) Solution Set (SS)	S5									6.0.0	
32.321	Telecommunication management; Test management Integration Reference Point (IRP): Requirements	S5								5.0.1	6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
32.322	Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)	S5							5.1.0	6.0.0		
32.323	Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5							5.1.0	6.2.0		

32.344	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5									6.0.0	
32.350	Telecommunication management; Communication Surveillance (CS) requirements <i>spec withdrawn</i>	S5									1.0.0	
32.351	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements	S5									6.0.0	
32.352	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information Service (IS)	S5									6.1.0	
32.353	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5									6.2.0	
32.354	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5									6.0.0	
32.361	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Requirements	S5									6.0.0	
32.362	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information Service (IS)	S5									6.2.0	
32.363	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5									6.3.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	

32.601-3	Telecommunication management; Configuration Management (CM); Part 3: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution	S5							2.0.0			
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
32.601-4	Telecommunication management; Configuration Management (CM); Part 4: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set <i>spec</i>	S5						2.0.0				
32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information Service (IS)	S5						4.3.0	5.3.0	6.1.0		
32.602-1	Telecommunication management; Configuration Management (CM); CM: Bulk CM Integration Reference Point (IRP) requirements <i>spec withdrawn</i>	S5						2.0.0				
32.602-2	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Information service <i>spec</i>	S5						2.0.0				
32.602-3	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution	S5						2.0.0				
32.602-4	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set <i>spec</i>	S5						2.0.0				

32.602-5	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): XML file format definition <i>spec</i>	S5							2.0.0			
32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5							4.3.1	5.3.0	6.3.1	
32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set (SS)	S5							4.2.0	5.0.0	6.1.0	
32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements	S5							4.0.0	5.1.1	6.1.1	
32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)	S5							4.6.0	5.3.1	6.2.0	
32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5							4.4.0	5.1.1	6.2.0	
32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5							4.3.0	5.0.1	6.1.0	

32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition	S5							4.5.0	5.5.1	6.2.0	
32.620-1	Telecommunication management; Configuration Management (CM); Part 1: Generic network resources Integration Reference Point (IRP): requirements <i>spec withdrawn</i>	S5							2.0.0			
32.620-2	Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM) <i>spec withdrawn</i>	S5							2.0.0			
32.620-3	Telecommunication management; Configuration Management (CM); Part 3: Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set <i>spec</i>	S5							2.0.0			
32.620-4	Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set <i>spec</i>	S5							2.0.0			
32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Requirements	S5							4.0.0	5.0.0	6.0.0	
32.621-1	Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements <i>spec withdrawn</i>	S5							2.0.0			
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	

32.621-2	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP); Network Resource Model (NRM) <i>spec withdrawn</i>	S5						2.0.0			
32.621-3	Telecommunication management; Configuration Management (CM); Part 3: Core network resources Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution set <i>spec withdrawn</i>	S5						2.0.0			
32.621-4	Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set <i>spec withdrawn</i>	S5						2.0.0			
32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Network Resource Model (NRM)	S5						4.4.0	5.5.0	6.4.0	
32.622-1	Telecommunication management; Configuration Management (CM); Part 1: UTRAN network resources Integration Reference Point (IRP); requirements <i>spec withdrawn</i>	S5						2.0.0			
32.622-2	Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP); Network Resource Model (NRM) <i>spec withdrawn</i>	S5						2.0.0			
32.622-3	Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution set <i>spec withdrawn</i>	S5						2.0.0			

32.622-4	Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set spec withdrawn	S5							2.0.0			
32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5							4.3.0	5.4.0	6.4.0	
32.623-1	Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements spec withdrawn	S5							2.0.0			
32.623-2	Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM) spec withdrawn	S5							2.0.0			
32.623-3	Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set spec	S5							2.0.0			
32.623-4	Telecommunication management; Configuration Management (CM); Part 4: GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set spec	S5							2.0.0			

32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5							4.6.0	5.5.0	6.1.0	
32.625	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format	S5								5.5.0	6.4.0	
32.631	Telecommunication management; Configuration Management (CM); Core network resources: Integration Reference Point (IRP): Requirements	S5							4.0.0	5.0.0	6.0.0	
32.632	Telecommunication management; Configuration Management (CM); Core Network Resources: Integration Reference Point (IRP): Network Resource Model (NRM)	S5							4.4.0	5.7.0	6.2.1	
32.633	Telecommunication management; Configuration Management (CM); Core network resources: Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution	S5							4.1.0	5.3.0	6.2.0	
32.634	Telecommunication management; Configuration Management (CM); Core network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5							4.1.1	5.4.0	6.1.0	
32.635	Telecommunication management; Configuration Management (CM); Core network resources: Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format	S5								5.5.0	6.2.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	

32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements	S5						4.0.0	5.0.0	6.0.1	
32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Network Resource Model (NRM)	S5						4.5.0	5.6.0	6.4.0	
32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5						4.4.0	5.5.0	6.4.0	
32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set (SS)	S5						4.3.0	5.6.0	6.1.0	
32.645	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Bulk CM eXtensible Markup Language (XML) file format	S5							5.6.0	6.3.0	
32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP); Requirements	S5						4.0.0	5.0.0	6.0.0	
32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP); Network Resource Model (NRM)	S5						4.5.0	5.3.0	6.0.1	

32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5						4.2.0	5.3.0	6.0.0	
32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP); Common Management Information Protocol (CMIP) Solution Set (SS)	S5						4.2.0	5.4.0	6.0.0	
32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP); Bulk CM eXtensible Markup Language (XML) file format	S5							5.6.0	6.1.0	
32.661	Telecommunication management; Configuration Management (CM); Kernel CM; Requirements	S5							5.1.0	6.2.1	
32.662	Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)	S5							5.2.0	6.3.0	
32.663	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5							5.3.0	6.4.0	
32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5							5.0.0	6.2.0	

32.671	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements	S5							5.0.0	6.0.0	
32.672	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information Service (IS)	S5							5.0.0	6.1.0	
32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5							5.2.0	6.2.0	
32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5							5.2.0	6.1.0	
32.675	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5								6.0.0	
32.681	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements	S5								1.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
32.690	Telecommunication management; Inventory Management (IM): Requirements	S5								6.0.0	
32.691	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements	S5							5.0.1	6.0.1	

32.745	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Bulk CM eXtensible Markup Language (XML) file format	S5								6.0.0	
32.800	Telecommunication management; Management level procedures and interaction with UTRAN	S5					4.0.0	5.0.0			
32.802	Telecommunication management; User Equipment Management (UEM) feasibility study	S5						5.1.0			
32.803	Telecommunication management; Process guide; Use cases in Unified Modelling Language (UML)	S5								6.0.0	
32.804	Telecommunication management; Control of Remote Electrical Tilting (RET) antennas; Requirements	S5								6.1.0	
32.805	Telecommunication management; Process guide; Backward compatibility recommendations	S5									6.0.0
32.815	Telecommunication management; Charging management; Online Charging System (OCS) architecture study	S5								6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
33.102	3G security; Security architecture	S3				3.13.0		4.5.0	5.5.0	6.3.0	
33.103	3G security; Integration	S3				3.7.0		4.2.0			
33.105	Cryptographic algorithm requirements	S3				3.8.0		4.2.0	5.0.0	6.0.0	
33.106	Lawful interception requirements	S3				3.1.0		4.0.0	5.1.0	6.1.0	
33.107	3G security; Lawful interception architecture and functions	S3				3.5.0		4.3.0	5.6.0	6.4.0	
33.108	3G security; Handover interface for Lawful Interception (LI)	S3							5.9.1	6.8.2	7.0.0
33.109	Bootstrapping of application security using AKA and support for subscriber certificates; System description <i>spec withdrawn</i>	S3								0.3.0	

33.120	Security Objectives and	S3				3.0.0			4.0.0			
33.141	Presence service; Security	S3									6.1.0	
33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security	S3							4.3.0	5.1.0	6.1.0	
33.203	3G security; Access security for IP-based services	S3								5.9.0	6.6.0	
33.20U	Security principles for the UMTS <i>spec withdrawn</i>	-										
33.210	3G security; Network Domain Security (NDS); IP network layer security	S3								5.5.0	6.5.0	
33.21U	Security requirements <i>spec withdrawn</i>	-										
33.220	Generic Authentication Architecture (GAA); Generic bootstrapping architecture	S3									6.4.0	
33.221	Generic Authentication Architecture (GAA); Support for subscriber certificates	S3									6.2.0	
33.222	Generic Authentication Architecture (GAA); Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (UTSP)	S3									6.3.0	
33.234	3G security; Wireless Local Area Network (WLAN) interworking security	S3									6.4.0	
33.246	3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)	S3									6.2.0	
33.310	Network domain security; Authentication framework (NDS/AF)	S3									6.2.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
33.800	Principles for Network Domain Security <i>spec withdrawn</i>	S3						0.3.5				
33.810	3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP	S3								6.0.0		
33.817	Feasibility study on (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local	S3								6.1.0		

34.123-1	User Equipment (UE) conformance specification; Part 1: Protocol conformance specification	R5				3.5.0		4.3.0	5.11.1		
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
34.123-2	User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification	R5				3.5.0		4.3.0	5.11.0		
34.123-3	User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)	R5				3.9.0		4.0.0	5.0.0		
34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	R4				3.4.0		4.2.0	5.4.0	6.0.0	
34.131	Test Specification for C-language binding to (Universal) Subscriber Interface Module ((U)SIM) Application Programming Interface (API)	C6								6.0.1	
34.171	Terminal conformance specification; Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)	R5								1.0.0	
34.901	Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance	R5				3.0.0					
34.902	Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests	R5							5.0.0		
34.907	Report on electrical safety requirements and regulations	S1				3.0.0					
34.910	Identification of test requirements for regulatory purposes in different regions/countries	R5						1.0.0			
34.925	Specific Absorption Rate (SAR) requirements and regulations in different regions	S1				3.0.0					
34.926	Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment	R4						4.0.0	5.1.0	6.0.0	
34.943	Analysis of difference between FDD and 1.28 Mcps TDD and corresponding effect on terminal conformance test in radio access stratum protocol aspects	R5							1.0.0		

35.10U	UMTS Terminal aspects;Man Machine Interface (MMI) <i>spec withdrawn</i>	SP									
35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications	S3				3.2.0		4.1.0	5.0.0	6.0.0	
35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification	S3				3.1.2		4.0.0	5.0.0	6.0.0	
35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	S3				3.1.2		4.0.0	5.0.0	6.0.0	
35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design performance test data	S3				3.1.2		4.0.0	5.0.0	6.0.0	
35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;	S3				3.0.0		4.0.0	5.0.0	6.0.0	
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*;	S3				3.0.0		4.0.0	5.1.0	6.0.0	
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*;	S3				3.0.0		4.0.0	5.0.0	6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7
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*;	S3				3.0.0		4.0.0	5.0.0	6.0.0	

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 <i>spec withdrawn</i>	S3				3.0.0						
35.909	3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 5: Summary and results of design	S3						4.0.0	5.0.0	6.0.0		
41.001	GSM Specification set <i>spec withdrawn</i>	SP						1.0.0				
41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	S3						4.0.1	5.0.0	6.0.0		
41.033	Lawful Interception requirements for GSM	S3						4.0.1	5.0.0	6.0.0		
41.061	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	S3						4.0.0				
41.101	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP						4.14.0	5.10.0	6.1.0		
41.102	GSM Release 4 specifications <i>spec withdrawn</i>	SP						4.9.0				
41.103	GSM Release 5 specifications <i>spec withdrawn</i>	SP							5.4.0			
42.009	Security aspects	S3						4.0.0				
42.017	Subscriber Identity Module (SIM); Functional characteristics	C6						4.0.0				
42.019	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1	C6						4.0.0	5.0.0			
42.031	Fraud Information Gathering System (FIGS); Service description; Stage 1 <i>spec withdrawn</i>	S3						4.0.0	5.0.0			
42.032	Immediate Service Termination (IST); Service description; Stage 1 <i>spec withdrawn</i>	S3						4.0.0				

42.033	Lawful Interception; Stage 1	S3							4.0.0	5.0.0	6.0.0	
42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1							4.0.0	5.0.0	6.0.0	
42.048	Security mechanisms for the SIM Application Toolkit; Stage 1 <i>spec withdrawn</i>	T3							4.0.0			
42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	S1							4.0.0	5.0.0	6.0.0	
42.068	Voice Group Call Service (VGCS); Stage 1	S1							4.1.0	5.0.1	6.0.0	7.2.0
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
42.069	Voice Broadcast Service (VBS); Stage 1	S1							4.1.0	5.0.1	6.0.0	
43.005	Technical performance objectives	CP							4.0.0	5.0.0	6.0.0	
43.010	GSM Public Land Mobile Network (PLMN) connection types	C3							4.2.0	5.2.0	6.0.0	
43.013	Discontinuous Reception (DRX) in the GSM system	G1							4.0.0	5.0.0	6.0.0	
43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2	C6							4.3.0	5.6.0	6.0.0	
43.020	Security-related network functions	S3							4.0.0	5.0.0	6.1.0	
43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1							4.6.0	5.2.0	6.3.0	7.0.0
43.026	Multiband operation of GSM / DCS 1800 by a single operator	G1							4.0.1	5.0.1	6.0.0	
43.030	Radio network planning aspects	G1							4.0.1	5.1.0	6.0.0	
43.031	Fraud Information Gathering System (FIGS); Service description; Stage 2 <i>spec withdrawn</i>	S3							4.0.0	5.0.0	6.0.0	
43.033	3G security; Lawful Interception; Stage 2	S3							4.0.0	5.0.0	6.0.0	
43.035	Immediate Service Termination (IST); Stage 2 <i>spec withdrawn</i>	S3							4.1.0			
43.045	Technical Realization of Facsimile Group 3 Service - transparent	C3							4.0.0	5.0.0	6.0.0	

43.046	Technical Realization of Facsimile Group 3 Service - non transparent; <i>spec withdrawn</i>	N3							4.0.0			
43.048	Security Mechanisms for SIM Toolkit Application; Stage 2; <i>spec withdrawn</i>	T3							4.0.0			
43.050	Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system	S4							4.0.0	5.0.0	6.0.0	
43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2	G1							4.0.0	5.10.0	6.0.0	
43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2	G1							4.0.0	5.0.0	6.0.0	
43.055	Dual Transfer Mode (DTM); Stage 2	G1							4.6.0	5.5.0	6.9.0	
43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4							4.0.0	5.0.0	6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
43.059	Functional stage 2 description of Location Services (LCS) in GERAN	G1							4.6.0	5.4.0	6.4.0	7.0.0
43.063	Packet Data on Signalling channels service (PDS) Service description; Stage 2; <i>spec withdrawn</i>	N1							4.0.0			
43.064	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2	G1							4.5.0	5.3.0	6.6.0	
43.068	Voice Group Call Service (VGCS); Stage 2	C1							4.5.0	5.5.0	6.4.0	
43.069	Voice Broadcast service (VBS); Stage 2	C1							4.4.0	5.4.0	6.2.0	
43.071	Location Services (LCS); Functional description; Stage 2 (GSM); <i>spec withdrawn</i>	S2							4.0.0			
43.073	Support of Localised Service Area (Sol.SA); Stage 2	C4							4.0.0	5.0.0	6.0.0	
43.129	Packed-switched handover for GERAN A/Gb mode; Stage 2	G1									6.2.0	
43.130	Iur-g interface; Stage 2	G1								5.0.0	6.0.0	
43.246	Multimedia Broadcast/Multicast Service (MBMS) in the GERAN; Stage 2	G1									6.3.0	
43.318	Generic access to the A/Gb interface; Stage 2	G1									6.1.0	2.0.0

43.900	Support for voice optimization for the IMS in the GERAN <i>spec withdrawn</i>	G1								1.0.0		
43.901	Feasibility Study on generic access to A/Gb interface	G1									6.0.0	
43.930	Uu-g interface; Stage 2 <i>spec withdrawn</i>	G2								5.1.0		
43.935	Feasibility study of enhanced support for video telephony service over GERAN via the A interface	G1										0.2.0
44.001	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	C1						4.1.0	5.0.0	6.0.0		
44.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2						4.0.0	5.0.1	6.1.0		
44.004	Layer 1 - General Requirements	G2						4.2.0	5.3.0	6.0.0		
44.005	Data Link (DL) Layer General Aspects	G2						4.0.0	5.0.1	6.0.0		
44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer	G2						4.1.1	5.0.1	6.0.0		
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
44.008	Mobile radio interface layer 3 specification <i>spec withdrawn</i>	N1						4.0.0				
44.012	Short Message Service Cell Broadcast (SMSCB) support on the mobile radio interface	G2						4.0.1	5.0.1	6.0.0		
44.013	Performance Requirements on Mobile Radio Interface	C1						4.1.0	5.0.0	6.0.0		
44.014	Individual equipment type requirements and interworking; Special conformance testing functions	G2						4.4.0	5.3.0	6.2.0		
44.018	Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol	G2						4.21.0	5.20.0	6.12.0		
44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	C3						4.1.0	5.2.0	6.0.0		
44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)	G2						4.13.0	5.12.0	6.7.0	7.0.0	

44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS)	G2						4.1.0	5.0.1	6.0.0	
44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	C1						4.0.0	5.0.0	6.0.0	
44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	C1						4.0.0	5.0.0	6.0.0	
44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control / Medium Access Control (RLC-MAC)	G2						4.20.0	5.15.0	6.12.0	
44.063	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3 <i>spec withdrawn</i>	N1						4.0.0			
44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	C1						4.3.0	5.1.0	6.0.1	
44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)	C1						4.3.0	5.2.0	6.3.0	
44.068	Group Call Control (GCC) Protocol	C1						4.3.0	5.0.1	6.0.0	
44.069	Broadcast Call Control (BCC) protocol	C1						4.3.0	5.0.0	6.0.0	
44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification	G2						4.3.0	5.0.1	6.0.0	
44.118	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol: In mode	G2							5.11.0	6.4.1	7.0.0
44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC-MAC)	G2							5.8.0	6.5.0	

44.318	Generic Access (GA) to the A/Gb interface; Mobile GA interface layer 3 specification	G2									6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
44.901	External Network Assisted Cell Change (NACC)	G2							5.1.0	6.0.0		
44.933	Seamless support of streaming services in GERAN A/Gb mode	G2								1.3.0		
45.001	Physical layer on the radio path; General description	G1						4.5.0	5.9.0	6.6.0	7.0.0	
45.002	Multiplexing and multiple access on the radio path	G1						4.8.0	5.13.0	6.9.0		
45.003	Channel coding	G1						4.4.0	5.12.0	6.7.0		
45.004	Modulation	G1						4.2.0	5.1.1	6.0.0		
45.005	Radio transmission and reception	G1						4.16.0	5.12.0	6.9.0	7.0.0	
45.008	Radio subsystem link control	G1						4.16.0	5.18.0	6.12.0		
45.009	Link adaptation	G1						4.2.0	5.5.0	6.1.0		
45.010	Radio subsystem synchronization	G1						4.5.0	5.3.0	6.5.0		
45.015	Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines	G1						4.0.0	5.0.0	6.0.0		
45.022	Radio link management in hierarchical networks	G1						4.0.0	5.0.0	6.0.0		
45.050	Background for RF Requirements	G1						4.0.1	5.0.1	6.2.1		
45.056	CTS-FP Radio Sub-system	G1						4.0.0	5.0.0	6.0.0		
45.811	Uplink - Time Difference Of Arrival (U-TDOA) in GSM and	G1								6.0.0		
45.902	Flexible Layer One (FLO)	G1								6.8.0		
45.903	Feasibility study on Single Antenna Interference Cancellation (SAIC) for GSM networks	G1								6.0.1		
46.001	Full rate speech; Processing functions	S4						4.0.0	5.0.0	6.0.0		
46.002	Half rate speech; Half rate speech processing functions	S4						4.0.0	5.0.0	6.0.0		
46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec	S4						4.0.0	5.0.0	6.0.0		
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
46.007	Half rate speech; Test sequences for the GSM half rate speech codec	S4						4.0.0	5.0.0	6.0.0		

46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4						4.0.0	5.0.0	6.0.0	
46.010	Full-rate speech; Transcoding	S4						4.1.0	5.0.0	6.0.0	
46.011	Full rate speech; Substitution and muting of lost frames for full rate speech channels	S4						4.0.0	5.0.0	6.0.0	
46.012	Full rate speech; Comfort noise aspect for full rate speech traffic channels	S4						4.1.0	5.0.0	6.0.0	
46.020	Half rate speech; Half rate speech transcoding	S4						4.0.0	5.0.0	6.0.0	
46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4						4.0.0	5.0.0	6.0.0	
46.022	Half rate speech; Comfort noise aspects for the half rate speech traffic channels	S4						4.0.0	5.0.0	6.0.0	
46.031	Full rate speech; Discontinuous Transmission (DTX) for full rate speech traffic channels	S4						4.0.0	5.0.0	6.0.0	
46.032	Full rate speech; Voice Activity Detector (VAD) for full rate speech traffic channels	S4						4.0.0	5.0.0	6.0.0	
46.041	Half rate speech; Discontinuous Transmission (DTX) for half rate speech traffic channels	S4						4.0.0	5.0.0	6.0.0	
46.042	Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels	S4						4.0.0	5.0.0	6.0.0	
46.051	Enhanced Full Rate (EFR) speech processing functions; General description	S4						4.0.0	5.0.0	6.0.0	
46.053	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec	S4						4.0.0	5.0.0	6.0.0	
46.054	Test sequences for the GSM Enhanced Full Rate (EFR) speech codec	S4						4.0.0	5.0.0	6.0.0	
46.055	Performance characterization of the GSM Enhanced Full Rate (EFR) speech codec	S4						4.0.0	5.0.0	6.0.0	
46.060	Enhanced Full Rate (EFR) speech transcoding	S4						4.0.0	5.0.0	6.0.0	
46.061	Substitution and muting of lost frames for Enhanced Full Rate (EFR) speech traffic channels	S4						4.0.0	5.0.0	6.0.0	

46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4							4.0.0	5.0.0	6.0.0	
46.076	Adaptive Multi-Rate (AMR) speech codec: Study phase	S4							4.0.1	5.0.0	6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
46.081	Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels	S4						4.0.0	5.0.0	6.0.0		
46.082	Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels	S4						4.0.0	5.0.0	6.0.0		
46.085	Subjective tests on the interoperability of the Half Rate / Full Rate / Enhanced Full Rate (HR/FR/EFR) speech codecs, single, tandem and tandem free	S4						4.0.0	5.0.0	6.0.0		
48.001	Base Station System - Mobile-services Switching Centre (BSS - MSC) interface: General aspects	G2						4.0.0	5.0.1	6.0.0		
48.002	Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Interface principles	G2						4.2.0	5.1.0	6.0.0		
48.004	Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Layer 1 specification	G2						4.0.0	5.0.1	6.0.0		
48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) interface	G2						4.0.0	5.0.1	6.0.0		
48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2						4.10.0	5.12.0	6.9.0	7.0.0	
48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb interface; Layer 4	G2						4.0.0	5.0.1	6.0.0		
48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2						4.4.0	5.4.0	6.3.0		

48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2							4.7.0	5.11.0	6.8.0	7.0.0
48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	C3							4.1.0	5.2.0	6.0.0	
48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC) - SMLC PB specification	G2							4.1.0	5.0.0	6.0.0	
48.051	Base Station Controller - Base Transceiver Station (BSC-BTS) interface: General aspects	G2							4.1.0	5.0.1	6.0.0	
48.052	Base Station Controller - Base Transceiver Station (BSC-BTS) interface: Interface principles	G2							4.0.1	5.0.1	6.0.0	
48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits	G2							4.0.0	5.0.1	6.0.0	
48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface: Layer 2 specification	G2							4.0.0	5.0.0	6.0.0	
48.058	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification	G2							4.1.0	5.6.0	6.1.0	
48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels	G1							4.1.0	5.2.0	6.0.0	
48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G1							4.1.1	5.0.0	6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00		Rel-4	Rel-5	Rel-6	Rel-7
48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface: Layer 3 specification	G2							4.4.0	5.1.0	6.7.0	
49.001	General network interworking scenarios	C4							4.0.2	5.0.1	6.0.1	
49.008	Application of the Base Station System Application Part (BSSAP) on the F-Interface	C1							4.1.0	5.1.0	6.0.0	
49.031	Location Services (LCS); Base Station System Application Part (LCS Extension) (BSSAP-LF)	G2							4.4.0	5.4.0	6.4.0	7.0.0

49.995	General Packet Radio Service (GPRS); Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobile	G1						4.0.0	5.0.0	6.0.0	
50.056	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1 spec withdrawn	S2						4.0.0			
50.059	Enhanced Data rates for GSM Evolution (EDGE); Project scheduling and open issues for EDGE	G1						4.0.1			
50.099	GERAN project plan and open issues	GP						0.23.0	0.1.6	0.44.0	
51.010-1	Mobile Station (MS) conformance specification; Part 1: Conformance specification	G3new						4.10.0	5.11.0	6.2.1	
51.010-2	Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	G3new						4.7.0	5.11.0	6.2.0	
51.010-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G3new						4.8.0	5.4.0	6.2.0	
51.010-4	Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification spec withdrawn	C6						0.0.1			
51.010-5	Mobile Station (MS) conformance specification; Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS)	G3new							2.0.0	6.2.0	
51.011	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	C6						4.14.0	5.0.0		
51.013	Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card	C6						4.2.0	5.3.0		
51.014	Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface	C6						4.5.0			

51.017	Subscriber Identity Module (SIM) test specification	C6							4.0.0			
51.021	Base Station System (BSS) equipment specification; Radio aspects	G1							4.4.0	5.3.0	6.2.0	
51.026	GSM Repeater Equipment Specification	G1							4.0.0	5.0.0	6.0.0	
52.008	Telecommunication management; GSM subscriber and equipment trace	S5									6.0.0	
Spec no.	Title	WG	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	
52.021	Network Management (NM) Procedures and messages on the A-bis interface	G1						4.0.0	5.0.0	6.0.0		
52.071	Location Services (LCS); Location services (LCS) management <i>spec withdrawn</i>	S5						4.1.0				
52.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	S5						4.1.0	5.0.0	6.0.0		
55.205	Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A3*	S3									6.1.0	
55.216	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3	S3									6.2.0	
55.217	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test	S3									6.1.0	
55.218	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and	S3									6.1.0	
55.226	Specification of the A5/4 encryption algorithms for GSM and ECSD, and the GEA4 encryption algorithm for GPRS; Document 1: A5/4 and GEA4	S3									1.0.0	

