

3GPP Specification Release version matrix

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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.

Versions in italic red are withdrawn.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.

Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
00.01U	Work programme for the standardization of Universal Mobile Telecommunications System (UMTS) <i>spec withdrawn</i>	SMG5				<i>3.2.0</i>											
00.02U	Coordination guideline for SMG on UMTS with respect to ITU and European research programmes <i>spec withdrawn</i>	SMG5				<i>3.0.0</i>											
01.00	Working Procedures for SMG and PT SMG <i>spec withdrawn</i>	SP						<i>5.2.0</i>		<i>7.2.0</i>	<i>8.0.0</i>						
01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP	3.1.0				4.0.0	5.0.0	6.0.0	7.0.0	8.18.0						
01.01U	Universal Mobile Telecommunications System (UMTS); Objectives and overview <i>spec withdrawn</i>	SP				<i>3.0.0</i>											
01.02	General Description of a GSM Public Land Mobile Network (PLMN)	S1					4.0.2	5.0.0	6.0.1								
01.03U	Universal Mobile Telecommunications System (UMTS); System requirements <i>spec withdrawn</i>	SMG5				<i>3.1.0</i>											
01.04	Abbreviations and acronyms	GP	3.0.1				4.1.2	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spec withdrawn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>	-				<i>3.0.0</i>											
01.05U	System design	SMG5				<i>1.0.0</i>											

	methodology for the UMTS spec withdrawn																
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 spec withdrawn	SMG1						1.0.0									
01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements	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	3.2.0				4.6.0	5.5.0	6.2.0	7.1.0	8.2.1						
02.01U	Framework for services to be supported by UMTS spec withdrawn	-				3.0.0											
02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	S1	3.2.0				4.2.2	5.3.2	6.1.1	7.0.2	8.0.0						
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	S1	3.4.1				4.3.1	5.3.2	6.0.0	7.0.0	8.0.0						
02.04	General on Supplementary Services	S1	3.7.1				4.9.1	5.7.4	6.1.1	7.1.2	8.1.0						
02.05	Simultaneous and Alternate Use of Services spec withdrawn	-	3.0.2														
02.06	Types of Mobile Stations (MS)	S1	3.2.0				4.5.2	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	3.4.1				4.8.2	5.4.1	6.2.0	7.1.0	8.1.0						
02.08	Quality of Service (QoS) / GSM system performance spec withdrawn	-	3.0.1				4.0.0										
02.09	Security aspects	S3	3.1.0				4.5.1	5.2.1	6.1.1	7.1.1	8.1.0						
02.11	Service accessibility	S1	3.7.0				4.9.0	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	3.0.1				4.7.1	5.2.0	6.2.0	7.2.0							
02.17	Subscriber Identity Module (SIM);	C6	3.2.0				4.3.3	5.1.1	6.0.0	7.1.1	8.0.0						

	Functional characteristics																
02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1	C6								7.1.0	8.1.0						
02.20	Collection charges	S1	3.0.1														
02.21	Transferred account procedure and billing information <i>spec withdrawn</i>	S2	3.4.0														
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					4.5.0	5.0.1	6.0.1	7.0.1							
02.30	Man-machine Interface (MMI) of the Mobile Station (MS)	S1	3.9.0				4.13.0	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	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
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	3.2.0				4.5.0	5.0.0	6.0.0	7.0.1	8.0.0						
02.41	Operator Determined Barring	S1					4.5.2	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	S1						5.0.0		7.1.0							

	(MNP); Service description; Stage 1																
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					4.1.1	5.2.1	6.0.1	7.0.2	8.2.1	9.0.0					
02.69	Voice Broadcast Service (VBS); Stage 1	S1					4.1.1	5.2.1	6.0.1	7.0.2	8.2.0	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	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
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					4.6.1	5.1.0	6.0.0	7.0.0							
02.82	Call Forwarding (CF) Supplementary Services; Stage 1	S1	3.6.1				4.5.2	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					4.6.7	5.0.0	6.0.0	7.0.0							
02.84	MultiParty (MPTY) Supplementary Services; Stage 1	S1					4.4.7	5.0.0	6.0.0	7.0.0							
02.85	Closed User Group (CUG) Supplementary Services; Stage 1	S1					4.2.6	5.0.0	6.0.0	7.0.0							
02.86	Advice of Charge (AoC) Supplementary Services; Stage 1	S1					4.1.5	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	3.6.1				4.4.3	5.0.0	6.0.0	7.0.0							
02.90	Unstructured Supplementary Service Data (USSD); Stage 1	S1					4.1.1	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;	S1						5.2.0		7.1.0							

	Service description; Stage 1																
03.01	Network Functions	S2	3.1.1				4.0.4	5.1.0	6.1.0	7.0.0	8.0.0						
03.01U	Framework of network requirements, interworking and integration for the Universal Mobile Telecommunication System spec withdrawn	SP				2.0.0											
03.02	Network Architecture	S2	3.1.4				4.2.1	5.3.0	6.1.0	7.1.0							
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
03.02U	Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS spec withdrawn	smg				3.1.0											
03.03	Numbering, Addressing and Identification	C4	3.6.0				4.11.1	5.5.0	6.8.0	7.8.0							
03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	C4	3.1.0				4.0.4	5.0.0	6.0.0								
03.05	Technical performance objectives	CP	3.2.0				4.1.0	5.0.0	6.0.0	7.0.0	8.0.0						
03.07	Restoration Procedures	C4	3.2.1				4.3.1	5.1.0	6.2.0	7.1.0							
03.08	Organization of Subscriber Data	C4	3.7.0				4.8.0	5.2.0	6.6.0	7.5.0							
03.09	Handover Procedures	C1	3.2.1				4.6.0	5.1.0	6.0.0	7.0.0							
03.10	GSM Public Land Mobile Network (PLMN) Connection Types	C3	3.3.0				4.3.1	5.4.0	6.0.0	7.0.1	8.3.0						
03.11	Technical Realization of Supplementary Services - General Aspects	C4	3.1.1				4.10.1	5.0.1	6.0.1	7.0.1							
03.12	Location Registration Procedures	C4	3.3.0				4.4.2	5.0.0	6.0.0	7.0.0							
03.12dcs	Location Registration Procedures (DCS 1800)	C4															
03.13	Discontinuous Reception (DRX) in the GSM System	G1	3.0.2				4.0.4	5.0.0	6.0.0	7.0.0	8.0.0						
03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	C1	3.0.2				4.1.1	5.0.0	6.0.0	7.0.1							
03.15	Technical Realization of Operator Determined Barring	C4					4.3.1	5.1.0	6.1.0	7.0.0							
03.16	Subscriber Data Management	C4					4.2.1	5.3.0	6.5.0	7.7.0							
03.17	Technical realization of Exchange of Network Capabilities Information (ENC1); Stage 2 spec withdrawn	-						0.4.0									
03.18	Basic Call Handling	C4						5.6.0	6.8.0	7.5.0							
03.19	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card	C6								7.5.0	8.5.0						
	Security-related	S3	3.3.2				4.4.1	5.2.1	6.1.0	7.2.0	8.4.1	9.0.0					

03.20	network functions																
03.20ext	Security-related network functions (Ext)	S3			3.0.0												
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1					4.11.0	5.3.1	6.3.0	7.4.0	8.7.0						
03.26	Multiband operation of GSM/DCS 1800 by a single operator	G1					4.3.0	5.2.0	6.0.0	7.0.0	8.0.0						
03.30	Radio Network Planning Aspects	GP					4.3.0	5.0.0	6.0.1	7.1.0	8.4.0						
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					4.0.1	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					4.0.0	5.0.0	6.0.0	7.0.0							
03.40	Technical realization of the Short Message Service (SMS)	C1	3.7.0				4.13.0	5.8.1	6.2.0	7.5.0							
03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	C1	3.4.0				4.11.0	5.9.1	6.1.0	7.4.0							
03.42	SMS Compression	C1	3.0.0					5.2.0	6.0.0	7.1.1							
03.43	Support of Videotex	C3	3.0.1				4.1.2	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)	C3	3.0.1				4.0.1	5.0.0	6.0.0	7.0.0	8.0.0						
03.45	Technical Realization of Facsimile Group 3 Service - transparent	C3	3.3.0				4.5.0	5.2.1	6.0.1	7.0.1	8.0.1						
03.46	Technical Realization of Facsimile Group 3 Service - non transparent	C3	3.2.1				4.1.2	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					4.4.0	5.0.0	6.0.0	7.0.0	8.0.0						
03.48	Security mechanisms for SIM application toolkit; Stage 2	C6	3.0.1						6.2.0	7.0.1	8.9.0						
03.49	Example protocol stacks for	C1					4.6.0	5.7.0	6.1.0	7.0.0	8.0.0						

	interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)																
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	3.4.0				4.6.1	5.4.0	6.2.1	7.1.1	8.1.1						
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	S2								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	8.6.0	9.0.0					
03.69	Voice Broadcast Service (VBS); Stage 2	C1						5.6.0	6.4.0	7.3.0	8.5.0	9.0.0					

03.70	Routing of Calls to/from Public Data Networks (PDN)	C3	3.0.0				4.0.3	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							
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
03.73	Support of Localised Service Area (SoLSA); Stage 2	C4								7.2.0	8.0.0						
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 Routing phase 1; Stage 2	C4						5.5.0	6.3.0	7.3.0							
03.81	Line Identification Supplementary Services; Stage 2	C4					4.8.1	5.2.0	6.0.0	7.0.1							
03.82	Call Forwarding (CF) Supplementary Services; Stage 2	C4	3.2.1				4.8.1	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					4.4.1	5.0.0	6.0.0	7.0.0							
03.84	Multi Party (MPPTY) Supplementary Services; Stage 2	C4					4.4.1	5.0.0	6.0.0	7.0.0							
03.85	Closed user Group (CUG) Supplementary Services; Stage 2	C4					4.2.1	5.0.0	6.0.0	7.0.0							
03.86	Advice of Charge (AoC) Supplementary Services; Stage 2	C4					4.6.1	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	3.2.1				4.6.1	5.0.0	6.0.0	7.0.0							
03.90	Unstructured Supplementary Service Data (USSD)	C4					4.1.1	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	3.0.1				4.0.4	5.0.0	6.0.0	7.0.0	8.0.0						
04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	C1	3.0.2				4.0.4	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	3.0.3				4.1.1	5.3.0	6.0.0	7.0.0	8.0.2						
04.04	Layer 1 - General	G2	3.3.4				4.0.4	5.1.0	6.0.0	7.0.0	8.1.2						

	Requirements																
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
04.05	Data Link (DL) Layer General Aspects	G2	3.1.5				4.0.3	5.0.1	6.0.1	7.1.2	8.0.2						
04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	3.9.0				4.4.0	5.4.1	6.2.1	7.2.1	8.2.1						
04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects	C1	3.3.3				4.3.1	5.3.0	6.5.1	7.3.0							
04.08	Mobile radio interface layer 3 specification	C1	3.14.0				4.25.0	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			3.0.0												
04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	C4	3.2.3				4.10.1	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	3.3.0				4.11.0	5.3.0	6.1.0	7.1.0							
04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	3.2.1				4.6.0	5.0.2	6.0.1	7.0.1	8.0.0						
04.13	Performance Requirements on Mobile Radio Interface	C1					4.2.0	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									8.27.0	9.0.0					
04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	C3	3.4.0				4.6.1	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 - MSC) interface	C3	3.7.0				4.5.1	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	8.18.0						
04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-	G2								7.4.0	8.4.1						

	OTD) and Global Positioning System (GPS) positioning methods																
04.53	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3 spec withdrawn	-								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						
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
04.60	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	G2							6.14.0	7.10.0	8.27.0						
04.62	General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3 spec withdrawn	-							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 Convergence Protocol (SDCP)	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	3.2.0				4.11.1	5.3.1	6.1.2	7.4.1							
04.81	Line Identification Supplementary	C4					4.4.1	5.0.1	6.0.1	7.0.1							

	Services; Stage 3																
04.82	Call Forwarding (CF) Supplementary Services; Stage 3	C4	3.1.3				4.9.1	5.0.1	6.0.1	7.0.2							
04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3	C4					4.6.1	5.0.1	6.0.1	7.0.1							
04.84	Multi Party (MPPTY) Supplementary Services; Stage 3	C4					4.3.2	5.0.1	6.0.1	7.0.1							
04.85	Closed User Group (CUG) Supplementary Services; Stage 3	C4					4.1.1	5.0.0	6.0.0	7.0.0							
04.86	Advice of Charge (AoC) Supplementary Services; Stage 3	C4					4.5.2	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	3.1.3				4.7.1	5.1.1	6.0.1	7.0.0							
04.90	Unstructured Supplementary Service Data (USSD)	C4					4.1.1	5.0.1	6.0.1	7.0.1							
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	C4						5.1.2	6.0.1	7.0.1							
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	3.3.2				4.6.0	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 the UMTS <i>spec withdrawn</i>	SP				2.0.0											
05.02	Multiplexing and Multiple Access on the Radio Path	G1	3.8.0				4.11.0	5.10.0	6.10.0	7.7.0	8.11.0						
05.03	Channel coding	G1	3.6.1				4.5.1	5.6.0	6.2.1	7.3.1	8.9.0						
05.04	Modulation	G1	3.1.2				4.0.3	5.1.1	6.1.1	7.3.0	8.4.0						
05.05	Radio Transmission and Reception	G1	3.16.0				4.23.1	5.13.0	6.8.0	7.9.0	8.20.0						
05.05dcs	Radio Transmission and Reception (DCS 1800)	G1															
05.08	Radio subsystem link control	G1	3.8.0				4.22.1	5.10.0	6.9.0	7.7.0	8.23.0						
05.08dcs	Radio Subsystem Link Control (DCS 1800)	G1															
05.09	Link adaptation	G1								7.7.0	8.6.0						
05.10	Radio subsystem synchronization	G1	3.5.1				4.9.0	5.4.1	6.7.0	7.4.0	8.12.0						
05.14	Release independent frequency bands;	G1							6.2.0	7.2.0							

	Implementation guidelines																
05.15	Release independent Downlink Advanced Receiver Performance (DARF); Implementation guidelines	G1									8.1.0						
05.22	Radio link management in hierarchical networks	G1					4.0.0	5.0.0	6.0.0	7.0.0	8.0.0						
05.50	Background for RF Requirements	G1					4.2.0	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						
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
05.90	GSM Electromagnetic Compatibility (EMC) considerations	G1					4.3.0	5.0.0	6.0.1	7.0.0							
06.01	Full Rate Speech Processing Functions	S4	3.0.0				4.0.7	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 withdrawn</i>	SP				3.0.0											
06.02	Half Rate Speech Processing Functions	S4					4.0.2	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 withdrawn</i>	SP				0.0.0											
06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	S4					4.2.1	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					4.2.1	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					4.0.0	5.0.0	6.0.0	7.0.0	8.0.0						
06.10	Full Rate Speech Transcoding	S4	3.2.0				4.3.0	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	3.0.1				4.0.6	5.0.1	6.0.1	7.0.1	8.0.1						
06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	3.0.1				4.1.0	5.1.0	6.1.0	7.1.0	8.1.0						
06.20	Half Rate Speech Transcoding	S4					4.3.1	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					4.0.2	5.0.1	6.0.1	7.0.1	8.0.1						
06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4					4.1.1	5.1.0	6.0.1	7.0.1	8.0.1						

06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	3.1.0				4.0.5	5.0.1	6.0.1	7.0.1	8.0.1						
06.32	Voice Activity Detection (VAD)	S4	3.0.0				4.3.1	5.0.3	6.0.1	7.0.1	8.0.1						
06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4					4.0.2	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					4.1.1	5.0.1	6.0.1	7.0.1	8.0.1						
06.51	GSM Enhanced full rate speech processing functions: General description	S4					4.2.0	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					4.0.1	5.1.3	6.0.1	7.0.1	8.0.1						
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
06.54	Test sequences for the GSM Enhanced Full Rate (EFR)	S4					4.2.0	5.3.0	6.2.0	7.2.0	8.2.0						
06.55	Performance characterisation of the GSM EFR Speech Codec	S4					4.0.0	5.0.0	6.0.0	7.0.0	8.0.0						
06.60	Enhanced full rate speech transcoding	S4					4.1.1	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					4.0.1	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					4.0.1	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 report	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					4.1.1	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					4.0.1	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							
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
07.01	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	C3	3.14.0				4.10.0	5.9.1	6.1.0	7.1.1	8.0.0						
07.02	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	C3	3.8.0				4.5.1	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	3.4.0				4.5.1	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					4.8.1	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					4.2.1										
07.07	AT Command set for GSM Mobile Equipment (ME)	C1					4.4.1	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	3.0.1				4.0.3	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	3.3.1				4.2.0	5.1.0	6.0.0	7.0.0	8.0.1						
	Base Station System -	G2	3.0.3				4.0.3	5.0.0	6.0.0	7.0.1	8.0.1						

08.04	Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification																
08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	3.5.2				4.5.0	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	3.10.1				4.12.1	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			3.0.0												
08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	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	3.1.2				4.2.3	5.4.0	6.1.0	7.1.0	8.4.1						
08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	G2								7.1.0	8.1.1						
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
08.51	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects	G2	3.0.2				4.1.0	5.0.0	6.0.0	7.0.0	8.0.1						
08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles	G2	3.0.2				4.2.0	5.0.0	6.0.0	7.0.0	8.0.1						
08.54	BSC-BTS Layer 1; Structure of Physical Circuits	G2	3.0.1				4.1.0	5.0.0	6.0.0	7.0.0	8.0.1						
08.56	BSC-BTS Layer 2; Specification	G2	3.1.1				4.0.2	5.0.0	6.0.0	7.0.0	8.0.1						
08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification	G2	3.6.0				4.9.0	5.10.0	6.3.0	7.4.1	8.6.0						
08.58dcs	Base Station Controller - Base Transceiver Station (BSC-BTS)	G2															

	Interface (DCS 1800)																
08.58ext	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (Ext)	G2			3.0.0												
08.59	BSC-BTS O&M; Signalling Transport	G1	3.1.0														
08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels	G1	3.3.1				4.4.1	5.1.1	6.0.1	7.3.0	8.2.1						
08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G1					4.0.2	5.0.1	6.0.1	7.3.0	8.1.0						
08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	S4								7.1.1	8.0.1						
08.64	GPRS support node - BSS protocol (SGSN_BSS) interface; BSSGP layer 3 <i>spec withdrawn</i>	-							1.0.0								
08.71	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3	G2								7.6.0	8.5.0						
09.01	General Network Interworking Scenarios	C4	3.0.1				4.0.1	5.0.0	6.0.0	7.0.0	8.0.0						
09.01U	UMS Security aspects; Part 01: Security aspects for UMS <i>spec withdrawn</i>	SMG5				2.5.0											
09.02	Mobile Application Part (MAP) Specification	C4	3.11.0				4.19.1	5.19.0	6.14.0	7.15.0							
09.02dcs	Mobile Application Part (MAP) Specification (DCS 1800)	C4															
09.03	Signalling Requirements on Interworking between the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	C3	3.0.1				4.0.3	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	3.0.1				4.0.2	5.0.0	6.0.0	7.0.0							
09.05	Interworking between the PLMN and the PSPDN for PAD Access	C3	3.2.2				4.4.2	5.0.0	6.0.0	7.0.0							
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Integrated Services digital Network (PSPDN/ISDN) for Support of Packet	C3					4.5.0	5.0.2	6.0.0	7.0.0							

	Switched Data Transmission Services																
09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	C3	3.10.0				4.13.1	5.10.1	6.2.0	7.2.0	8.0.0						
09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface	C1					4.1.1	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 spec withdrawn	N4	1.0.0														
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	3.0.2				4.4.1	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) (DCS 1800)	C4															
09.11	Signalling Interworking for Supplementary Services	C4	3.0.1				4.6.1	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 specification	TISPAN					4.2.2	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 specification	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 3 specification	C1							6.7.0	7.5.0	8.0.0						
09.31	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)	G2								7.8.0	8.7.1						
09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GTP across the Gn and Gp Interface	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 Networks (PDN)	C3							6.10.1	7.10.1							
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					4.9.0	5.1.0	6.0.0								
09.91	Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2	C6					4.0.1										
09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults	C1					4.6.1	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						
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
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								
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	S2								7.0.0	8.0.0						

	Cordless Telephony System CTS, Phase 1																
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	3.23.1														
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
11.10-1	Mobile station (MS) conformance specification; Part 1: Conformance specification	G3new					4.29.0	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					4.16.0				8.0.0						
11.10-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G3new					4.34.0	5.1.0			8.0.0	9.0.0					

11.10-4	Mobile Station (MS) conformance specification; Part 4: Subscriber Identity Module (SIM) application toolkit conformance test specification	C6						5.6.0	6.0.0	7.0.0	8.15.0						
11.10dcs	Mobile Station Conformity Specification (DCS 1800)	G3new															
11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	C6	3.16.0				4.21.1	5.10.1	6.3.0	7.7.0	8.14.0						
11.11dcs	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface (DCS 1800)	C6															
11.12	Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface	C6					4.3.1	5.0.0									
11.13	Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card	C6								7.4.2	8.3.0						
11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	C6						5.9.0	6.3.0	7.7.0	8.18.0						
11.17	Subscriber Identity Module (SIM) test specification	C6								7.0.2	8.2.0						
11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface	C6								7.0.1	8.0.0						
11.19	CTS SIM Fixed Part	C6								7.0.3							
11.20	GSM DCS 1800 Base Station Specification	GP	3.23.1														
11.20dcs	GSM DCS 1800 Base Station Specification	GP															
11.21	Base Station System (BSS) equipment specification; Radio aspects	G1					4.14.1	5.5.0	6.1.0	7.5.0	8.10.0						
11.22	GSM Base Station and Ancillary Equipment, Physical and Electronical Parameters, Application of Standards and Guidance Notes	G1					4.2.0										
11.23	GSM Signalling Aspects Base Station System equipment Specification	G1					4.9.1										
11.24	GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification	G1					4.3.1										
11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters	G1					4.2.2	5.2.1	6.0.1	7.0.0	8.0.2						
Spec no.	Title	WG	Ph1	Ph1-	Ph1-	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8

				DCS	EXT												
11.30	Mobile Services Switching Centre	GP	3.2.1														
11.31	Home Location Register Specification	GP	3.2.1														
11.32	Visitor Location Register Specification	GP	3.2.1														
11.40	GSM System Simulator specification	G3new	3.7.0														
11.40dcs	DCS 1800 System Simulator conformity specification	G3new															
12.00	Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management	S5					4.6.0										
12.01	Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management	S5					4.4.1										
12.01U	Framework for satellite integration with the UMTS spec withdrawn	smg-5				3.0.0											
12.02	Subscriber, Mobile Equipment (ME) and Services Data Administration	S5					4.6.1	5.0.1									
12.02U	Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS spec withdrawn	smg-5				3.0.0											
12.03	Security Management	S5					4.2.1			7.0.1	8.0.0						
12.04	Performance data measurements	S5					4.3.1			7.0.0	8.1.0						
12.05	Subscriber Related Call and Event Data	S5					4.3.1	5.0.1	6.1.0	7.0.1							
12.06	Network Configuration Management and Administration	S5					4.1.1										
12.07	Public Land Mobile Network (PLMN) Quality of Service (QoS) spec withdrawn	-	0.0.0				0.0.0										
12.08	Subscriber and Equipment trace	S5					4.6.1	5.1.1									
12.11	Fault management of the Base Station System (BSS)	S5					4.2.1		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					4.2.1										
12.21	Network Management (NM) procedures and messages on the A-bis interface	G1					4.6.0	5.0.0	6.0.0	7.0.0	8.0.0						
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
12.22	Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)	G1					4.1.4										
12.30	ETSI Object Identifier	S5					4.2.0										

	Tree; Mobile Domain O&M;																	
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 1 800 bands; Access	MSG					4.1.1											
13.01-1	Attachment requirements for Global System for Mobile communications (GSM) mobile stations; Access	MSG					4.0.0											
13.01-2	Attachment requirements for mobile stations in the DCS 1800 band and additional GSM 900 band; Access	MSG					4.0.0											
13.02	Attachment requirements for mobile stations in the DCS 1800 band and additional GSM 900 band; Access	MSG					4.0.1											
13.02-2	Attachment requirements (CDCS 1800); Telephony <i>spec withdrawn</i>	MSG-GSM					4.0.0											
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 Stations; Access	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);	MSG						1.0.0										

	Mobile stations; Access spec withdrawn																
13.67	Attachment requirements for Global System for Mobile communications (GSM); Railways Band (R-GSM); Mobile Stations; Access	MSG						5.1.1									
13.68	Attachment requirements for Global System for Mobile communications (GSM); Advanced Speech Call Items (GSM-ASCI) Mobile Stations; Access	MSG						5.0.2									
21.01U	Requirements for the UMTS Terrestrial Radio Access (UTRA) system	GP				3.0.1											
21.02U	High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept spec withdrawn	GP				3.0.1											
21.04U	Requirements for the support of data services in UMTS spec withdrawn	-				1.0.0											
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
21.06U	O&M; requirements for the UMTS spec withdrawn	-				3.0.0											
21.100	3G specification handling procedures spec withdrawn	-									1.0.0						
21.101	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system	SP									3.16.0		4.13.0	5.12.0	6.7.0		
21.102	3rd Generation mobile system Release 4 specifications spec withdrawn	SP											4.9.0				
21.103	3rd Generation mobile system Release 5 specifications spec withdrawn	SP												5.4.0			
21.111	USIM and IC card requirements	C6									3.5.0		4.2.0	5.2.0	6.3.0	7.0.0	8.0.0
21.133	3G security; Security threats and requirements	S3									3.2.0		4.1.0				
21.801	Specification drafting rules	SP									3.0.0		4.4.0	5.1.0	6.1.0	7.3.0	
21.810	Report on multi-mode UE issues; ongoing work and identified additional work spec withdrawn	T2									3.0.0						
21.877	Radio optimization impacts on the Packet Switched (PS) domain architecture	S2												0.7.0	0.7.0		
21.900	Technical Specification Group working methods	SP									3.7.0		4.1.0	5.1.0	6.4.0	7.2.0	
21.902	Evolution of 3GPP	SP													6.0.0	7.0.0	

	system																
21.904	User Equipment (UE) capability requirements	C1									3.5.0						
21.905	Vocabulary for 3GPP Specifications	S1									3.3.0		4.5.0	5.10.0	6.10.0	7.4.0	8.1.0
21.906	reserved <i>spec withdrawn</i>	-									3.0.0						
21.910	Multi-mode UE issues; categories, principles and procedures	C1									3.0.0						
21.978	Feasibility Technical Report; CAMEL Control of VoIP Services	C4									3.0.0						
22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1									3.2.0		4.3.0	5.0.0	6.0.0	7.0.0	
22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	S1									3.6.0		4.2.0	5.0.0	6.0.0	7.0.0	
22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1									3.3.0		4.3.0	5.2.0	6.0.0	7.0.0	8.0.0
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
22.004	General on supplementary services	S1									3.3.0		4.3.0	5.1.0	6.0.0	7.0.0	8.0.0
22.00U	UMTS Phase 1 <i>spec withdrawn</i>	-				1.3.0											
22.011	Service accessibility	S1									3.8.0		4.8.0	5.1.0	6.4.0	7.7.0	8.1.0
22.016	International Mobile Equipment Identities (IMEI)	S1									3.3.0		4.2.1	5.0.0	6.0.0	7.0.1	
22.01U	Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles <i>spec withdrawn</i>	-				3.3.0											
22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3									3.2.1		4.1.0	5.0.0	6.0.0	7.0.0	
22.024	Description of Charge Advice Information (CAI)	S1									3.0.1		4.0.0	5.1.0	6.1.0	7.0.0	
22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	S1									3.4.0		4.1.0	5.0.0	6.0.1	7.0.1	
22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3									3.0.0		4.0.0	5.0.0	6.0.0	7.0.0	
22.032	Immediate Service Termination (IST); Service description; Stage 1	S3									3.0.0		4.0.0	5.0.0	6.0.0	7.0.0	
22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	S1									3.2.1		4.1.0	5.0.0	6.0.0	7.0.0	
22.038	USIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1									3.4.0		4.3.0	5.4.0	6.5.0	7.5.0	
22.041	Operator Determined Call Barring	S1									3.3.1		4.1.0	5.0.0	6.2.0	7.0.0	8.1.0
22.042	Network Identity and Time Zone (NITZ)	S1									3.0.1		4.2.1	5.1.0	6.0.0	7.0.0	

	service description; Stage 1																
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	7.0.0	
22.057	Mobile Execution Environment (MExE) service description; Stage 1	S1									3.0.1		4.1.0	5.4.0	6.0.0	7.0.0	
22.05U	Services and service capabilities <i>spec withdrawn</i>	-				3.1.0											
22.060	General Packet Radio Service (GPRS); Service description; Stage 1	S1									3.5.0		4.4.0	5.3.0	6.0.0	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
22.066	Support of Mobile Number Portability (MNP); Stage 1	S1									3.2.0		4.0.0	5.1.0	6.1.0	7.0.0	
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	7.0.0	8.0.0
22.071	Location Services (LCS); Service description; Stage 1	S1									3.5.0		4.6.0	5.4.0	6.7.0	7.4.0	
22.072	Call Deflection (CD); Stage 1	S1									3.0.1		4.0.0	5.0.0	6.0.0	7.0.0	
22.076	Noise suppression for the AMR codec; Service description; Stage 1	S4											4.0.1	5.0.0	6.0.0	7.0.0	
22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1									3.9.0		4.5.0	5.15.0	6.9.0	7.6.0	
22.079	Support of optimal routing; Stage 1	S1									3.0.1		4.0.0	5.0.0	6.0.0	7.0.0	
22.07U	UMTS terminal and smart card concepts <i>spec withdrawn</i>	-				3.1.1											
22.081	Line Identification supplementary services; Stage 1	S1									3.2.0		4.1.0	5.0.0	6.0.0	7.0.0	
22.082	Call Forwarding (CF) Supplementary Services; Stage 1	S1									3.0.2		4.2.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
22.084	MultiParty (MPPTY) supplementary service; Stage 1	S1									3.0.1		4.1.0	5.0.0	6.0.0	7.0.0	
22.085	Closed User Group (CUG) supplementary services; Stage 1	S1									3.1.0		4.1.0	5.0.0	6.0.0	7.0.0	
22.086	Advice of Charge (AoC) supplementary services; Stage 1	S1									3.1.0		4.0.0	5.1.0	6.1.0	7.0.0	
22.087	User-to-user signalling	S1									3.1.0		4.0.0	5.0.0	6.0.0	7.0.0	

	(UUS); Stage 1																
22.088	Call Barring (CB) supplementary services; Stage 1	S1									3.0.2		4.1.0	5.0.0	6.0.0	7.0.0	
22.090	Unstructured Supplementary Service Data (USSD); Stage 1	S1									3.1.0		4.0.0	5.0.0	6.0.0	7.0.0	
22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1									3.1.0		4.0.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
22.094	Follow Me service description - Stage 1	S1									3.1.0		4.1.0	5.0.0	6.0.0	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
22.096	Name identification supplementary services; Stage 1	S1									3.0.1		4.0.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
22.100	UMTS Phase 1	S1									3.7.0						
22.101	Service aspects; Service principles	S1									3.17.0		4.10.0	5.14.0	6.12.0	7.9.0	8.5.0
22.105	Services and service capabilities	S1									3.10.0		4.3.0	5.2.0	6.4.0	7.1.0	8.4.0
22.112	USIM toolkit interpreter; Stage 1	C6											4.0.0	5.0.0	6.0.0	7.0.0	
22.115	Service aspects; Charging and billing	S1									3.4.0		4.1.0	5.4.0	6.7.0	7.0.0	8.0.0
22.121	Service aspects; The Virtual Home Environment (VHE); Stage 1	S1									3.3.1		4.1.1	5.3.1			
22.127	Service requirement for the Open Services Access (OSA); Stage 1	S1											4.4.0	5.6.0	6.8.0	7.1.0	
22.129	Handover requirements between UTRAN and GERAN or other radio systems	S1									3.6.0		4.4.0	5.2.0	6.1.0	7.0.0	8.0.0
22.135	Multicall; Service description; Stage 1	S1									3.4.0		4.2.0	5.0.0	6.0.0	7.0.0	
22.140	Multimedia Messaging Service (MMS); Stage 1	S1									3.1.0		4.3.0	5.4.0	6.7.0	7.0.0	
22.141	Presence service; Stage 1	S1												5.2.1	6.5.0	7.0.0	
22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1	S1												5.2.0	6.7.0	7.2.0	8.3.0
22.153	Multimedia priority service	S1															1.0.1
22.173	IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services; Stage 1	S1														7.3.0	
22.174	Push service; Stage 1	S1													6.2.0	7.0.0	
22.182	Customized Alerting Tone (CAT) requirements; Stage 1	S1															8.0.0
22.226	Global text telephony (GTT); Stage 1: Service description	S1												5.2.0	6.0.0	7.0.0	
22.228	Service requirements for the Internet	S1												5.7.0	6.11.0	7.5.0	8.1.0

	Protocol (IP) multimedia core network subsystem (IMS); Stage 1																
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
22.233	Transparent end-to-end packet-switched streaming service; Stage 1	S1												5.0.0	6.3.0	7.0.0	8.0.0
22.234	Requirements on 3GPP system to Wireless Local Area Network (WLAN) interworking	S1													6.4.0	7.5.0	8.1.0
22.240	Service requirements for 3GPP Generic User Profile (GUP); Stage 1	S1												0.5.0	6.5.0		
22.242	Digital Rights Management (DRM); Stage 1	S1													6.3.0	7.0.0	
22.243	Speech recognition framework for automated voice services; Stage 1	S1												1.0.0	6.4.0	7.0.0	
22.246	Multimedia Broadcast/Multicast Service (MBMS) user services; Stage 1	S1													6.3.0	7.3.0	8.4.0
22.24U	Charging and Accounting Mechanism <i>spec withdrawn</i>	-				3.0.0											
22.250	IP Multimedia Subsystem (IMS) Group Management; Stage 1	S1													6.0.0	7.0.0	
22.258	Service requirements for an All-IP Network (AIPN); Stage 1	S1														7.0.0	8.0.0
22.259	Service requirements for Personal Network Management (PNM); Stage 1	S1														7.3.0	8.3.0
22.25U	Quality of Service (QoS) and network performance <i>spec withdrawn</i>	-				3.1.0											
22.278	Service requirements for evolution of the system architecture	S1															8.2.0
22.279	Combined Circuit Switched (CS) and IP Multimedia Subsystem (IMS) sessions; Stage 1	S1														7.1.0	
22.340	IP Multimedia Subsystem (IMS) messaging; Stage 1	S1													6.2.0	7.0.0	8.0.0
22.60U	Mobile multimedia services including mobile Intranet and Internet services <i>spec withdrawn</i>	-				3.0.0											
22.70U	Virtual Home Environment <i>spec withdrawn</i>	-				3.0.0											
22.71U	Service aspects; Automatic Establishment of Roaming Relationships <i>spec withdrawn</i>	-				3.0.1											
22.75U	Service aspects; Advanced addressing <i>spec withdrawn</i>	-				3.0.0											

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>	-				2.0.1											
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
22.811	Review of network selection principles	S1														7.2.0	
22.812	Study into network selection requirements for non 3GPP access	S1															0.3.0
22.857	Run-time independent framework feasibility study	S2													6.0.0		
22.868	Enhancements to 3GPP systems to support machine to machine communication	S1															8.0.0
22.892	Study on IMS centralized services (ICS) requirements	S1															1.2.0
22.903	Study on Videotelephony teleservice	S1														7.0.0	
22.907	Terminal concepts <i>spec withdrawn</i>	-									3.1.3						
22.908	Study on Paging Permission with Access Control (PPAC)	S1															8.0.0
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	7.0.0	
22.935	Feasibility study on Location Services (LCS) for Wireless Local Area Network (WLAN) interworking	S1														7.0.0	
22.936	Multi-system terminals	S1														7.1.0	
22.937	Requirements for seamless roaming and service continuity between mobile and Wireless Local Area Network (WLAN) networks	S1															0.5.0
22.940	IP Multimedia Subsystem (IMS) messaging; Stage 1	S1													6.0.0	7.0.0	
22.941	IP based multimedia framework; Stage 0 <i>spec withdrawn</i>	S1												0.7.0			
22.942	Study on Value Added Services (VAS) for Short Message Service (SMS)	S1															1.0.0
22.944	Report on service requirements for UE functionality split	S1											5.1.0	6.0.0	7.0.0		
22.945	Study of provision of fax service in GSM and UMTS	C3									3.0.0						

22.946	Broadcast and multicast services <i>spec withdrawn</i>	S1												1.0.0			
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
22.948	Study of Convergent Multi-Media Conference (CMMC) requirements	S1															1.0.0
22.949	Study on a generalized privacy capability	S1													6.0.0	7.0.0	
22.950	Priority service feasibility study	S1													6.4.0	7.0.0	
22.951	Service aspects and requirements for network sharing	S1													6.1.0	7.0.0	
22.952	Priority service guide	S1													6.4.0	7.0.0	
22.953	Multimedia priority service feasibility study	S1														7.1.0	
22.960	Mobile multimedia services <i>spec withdrawn</i>	-									3.0.1						
22.967	Transferring of emergency call data	S1														7.0.0	
22.968	Study on requirements for an Public warning System (PWS) service	S1															1.0.0
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						
22.973	IMS Multimedia Telephony service; and supplementary services	S1														7.0.0	
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	7.0.0	
22.978	All-IP network (AIPN) feasibility study	S1														7.1.0	
22.979	Feasibility study on combined Circuit Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions	S1														7.0.0	
22.980	Network composition	S1														1.0.0	8.1.0
22.982	Study of Customised Alerting Tone (CAT) requirements	S1														0.3.0	8.0.0
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
22.983	Services migration	S1															0.0.2
23.002	Network architecture	S2									3.6.0		4.8.0	5.12.0	6.10.0	7.2.0	8.0.0
23.003	Numbering, addressing and identification	C4									3.15.0		4.9.0	5.11.0	6.13.0	7.4.0	
23.007	Restoration procedures	C4									3.6.0		4.2.0	5.1.0	6.2.0	7.0.0	
23.008	Organization of	C4									3.8.0		4.3.0	5.13.0	6.13.0	7.6.0	

	subscriber data																
23.009	Handover procedures	C1									3.14.0		4.9.0	5.11.0	6.4.0	7.0.0	
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	7.0.0	
23.012	Location management procedures	C4									3.3.0		4.0.0	5.2.0	6.4.0	7.3.0	
23.014	Support of Dual Tone Multi Frequency (DTMF) signalling	C1									3.2.0		4.1.0	5.1.0	6.0.0	7.0.0	
23.015	Technical realization of Operator Determined Barring (ODB)	C4									3.1.0		4.0.1	5.0.0	6.0.0	7.0.0	
23.016	Subscriber data management; Stage 2	C4									3.10.0		4.4.0	5.3.0	6.1.0	7.0.0	
23.018	Basic call handling; Technical realization	C4									3.12.0		4.7.0	5.10.0	6.6.0	7.5.0	
23.01U	General UMTS architecture <i>spec withdrawn</i>	smg12				3.0.0											
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	7.0.0	
23.032	Universal Geographical Area Description (GAD)	S2									3.2.1		4.1.1	5.0.0	6.0.0	7.0.0	
23.034	High Speed Circuit Switched Data (HSCSD); Stage 2	C1									3.3.0		4.0.0	5.2.0	6.0.0	7.0.0	
23.035	Immediate Service Termination (IST); Stage 2	S3									3.1.0		4.1.0	5.1.0	6.0.0	7.0.0	
23.038	Alphabets and language-specific information	C1									3.3.0		4.5.0	5.1.0	6.1.0	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
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	6.8.1	7.0.1	
23.041	Technical realization of Cell Broadcast Service (CBS)	C1									3.5.0		4.4.0	5.2.0	6.2.0	7.0.0	
23.042	Compression algorithm for SMS	C1									3.1.0		4.0.1	5.0.0	6.0.0	7.0.0	
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	-									3.0.0						

	facsimile Group 3 service - non-transparent spec withdrawn																
23.048	Security mechanisms for the (U)SIM application toolkit; Stage 2	C6											4.5.0	5.9.0			
23.053	Tandem Free Operation (TFO); Service description; Stage 2	S4											4.0.1	5.0.0	6.0.0	7.0.0	
23.054	Shared Interworking Functions (SIWF); Stage 2 spec withdrawn	N3									3.0.0						
23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	S2									3.4.0		4.5.0	5.1.0	6.2.0	7.0.0	
23.060	General Packet Radio Service (GPRS); Service description; Stage 2	S2									3.17.0		4.11.0	5.13.0	6.15.0	7.4.0	
23.066	Support of GSM Mobile Number Portability (MNP) stage 2	C4									3.3.0		4.0.1	5.3.0	6.0.0	7.0.0	
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	7.1.0	
23.069	Voice Broadcast service (VBS); Stage 2 spec withdrawn	N1									3.0.0						
23.070	Routing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN) spec withdrawn	-									3.0.0						
23.071	Location Services (LCS); Functional description; Stage 2 spec withdrawn	-									3.0.0						
23.072	Call Deflection Supplementary Service; Stage 2	C4									3.3.0		4.0.1	5.0.0	6.0.0	7.0.0	
23.073	Support of Localised Service Area (SoLSA); Stage 2 spec withdrawn	N4									3.0.1		4.0.0				
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
23.078	Customized Applications for Mobile network Enhanced Logic (CAMEL) Phase X; Stage 2	C4									3.19.0		4.11.1	5.11.0	6.9.0	7.8.0	
23.079	Support of Optimal Routeing (SOR); Technical realization	C4									3.8.0		4.2.0	5.6.0	6.1.0	7.0.0	
23.081	Line Identification supplementary services; Stage 2	C4									3.2.0		4.1.0	5.2.0	6.0.0	7.0.0	
23.082	Call Forwarding (CF) Supplementary Services; Stage 2	C4									3.7.0		4.3.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
23.084	MultiParty (MPTY) Supplementary Service; Stage 2	C4									3.2.0		4.0.0	5.0.0	6.0.0	7.0.0	
23.085	Closed User Group (CUG) Supplementary	C4									3.1.0		4.0.0	5.0.0	6.1.0	7.0.0	

	Service; Stage 2																
23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	C4									3.1.0		4.0.0	5.0.0	6.1.0	7.0.0	
23.087	User-to-User Signalling (UUS) supplementary service; Stage 2	C4									3.1.0		4.0.0	5.0.0	6.0.0	7.0.0	
23.088	Call Barring (CB) Supplementary Service; Stage 2	C4									3.2.0		4.0.0	5.0.0	6.0.0	7.0.0	
23.090	Unstructured Supplementary Service Data (USSD); Stage 2	C4									3.2.0		4.0.0	5.0.0	6.1.0	7.0.0	
23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	C4									3.2.0		4.1.0	5.1.0	6.0.0	7.0.0	
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	7.0.0	
23.094	Follow Me Stage 2	C4									3.2.0		4.0.0	5.0.1	6.0.0	7.0.0	
23.096	Name identification supplementary service; Stage 2	C4									3.0.1		4.0.0	5.0.0	6.1.0	7.0.0	
23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2	C4									3.1.1		4.0.0	5.0.0	6.0.0	7.0.0	
23.101	General UMTS Architecture	S2									3.1.0		4.0.0	5.0.1	6.0.0	7.0.0	
23.107	Quality of Service (QoS) concept and architecture	S2									3.9.0		4.6.0	5.13.0	6.4.0	7.0.0	
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	7.0.0	
23.10U	UMTS Access Stratum; Services and Functions <i>spec withdrawn</i>	-				3.0.0											
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
23.110	UMTS Access Stratum Services and Functions	S2									3.4.0		4.0.0	5.0.0	6.0.0	7.0.0	
23.116	Super-Charger technical realization; Stage 2	C4									3.2.0		4.2.0	5.0.0	6.0.0	7.0.0	
23.119	Gateway Location Register (GLR); Stage2	C4									3.0.0		4.0.0	5.0.0	6.0.0	7.0.0	
23.121	Architectural requirements for Release 1999	S2									3.6.0			5.0.0			
23.122	Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode	C1									3.10.0		4.4.0	5.3.0	6.5.0	7.9.0	
23.125	Overall high level functionality and architecture impacts of flow based charging; Stage 2	S2													6.8.0	7.0.0	
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	7.0.0	
23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2	CP									3.1.0		4.10.0	5.11.0	6.14.0		

23.141	Presence service; Architecture and functional description; Stage 2	S2													6.9.0	7.2.0	
23.146	Technical realization of facsimile Group 3 service - non-transparent	C3											4.1.0	5.0.0	6.0.0	7.0.0	
23.153	Out of band transcoder control; Stage 2	C4											4.14.0	5.12.0	6.3.0	7.2.0	
23.167	IP Multimedia Subsystem (IMS) emergency sessions	S2														7.5.0	
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												5.6.0	6.4.0	7.0.0	
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	7.2.0	
23.202	Circuit switched data bearer services	C3													6.1.0	7.0.0	
23.203	Policy and charging control architecture	S2														7.3.0	
23.204	Support of Short Message Service (SMS) over generic 3GPP Internet Protocol (IP) access; Stage 2	S2														7.3.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
23.205	Bearer-independent circuit-switched core network; Stage 2	C4											4.11.0	5.14.0	6.7.0	7.5.0	
23.206	Voice Call Continuity (VCC) between Circuit Switched (CS) and IP Multimedia Subsystem (IMS); Stage 2	S2														7.3.0	
23.207	End-to-end Quality of Service (QoS) concept and architecture	S2											2.0.0	5.10.0	6.6.0	7.0.0	
23.20U	Evolution of the GSM platform towards UMTS spec withdrawn	S2				1.0.0											
23.218	IP Multimedia (IM) session handling; IM call model; Stage 2	C1												5.9.0	6.4.0	7.6.0	
23.221	Architectural requirements	S2											4.2.0	5.11.0	6.3.0	7.1.0	
23.226	Global text telephony (GTT); Stage 2: Architecture	S2												5.2.0	6.0.0	7.0.0	
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												5.15.0	6.16.0	7.8.0	8.1.0
23.234	3GPP system to Wireless Local Area Network (WLAN) interworking; System description	S2													6.10.0	7.5.0	

23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes	S2												5.4.0	6.3.0	7.0.0	
23.240	3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)	S2												0.12.0	6.7.0	7.0.0	
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													6.12.0	7.3.0	
23.251	Network sharing; Architecture and functional description	S2													6.6.0	7.0.0	
23.259	Personal Network Management (PNM); Procedures and information flows	C1														0.0.0	0.4.0
23.271	Functional stage 2 description of Location Services (LCS)	S2											4.13.0	5.13.0	6.13.0	7.8.0	
23.278	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 4; Stage 2; IM CN Interworking	C4												5.6.0	6.2.0	7.1.0	
23.279	Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services; Stage 2	S2														7.6.0	8.0.0
23.333	Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Procedures descriptions	C4														7.1.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
23.401	General Packet Radio Service (GPRS) enhancements for Long Term Evolution (LTE) access	S2															1.1.1
23.402	3GPP System Architecture Evolution (SAE); Architecture enhancements for non-3GPP accesses	S2															1.2.1
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														7.0.0	
23.803	Evolution of policy control and charging <i>spec withdrawn</i>	S2														7.0.0	
23.804	Support of SMS and MMS over generic 3GPP IP access	S2														7.1.0	
23.805	Selective disabling of User Equipment (UE) capabilities; Report on technical options and conclusions	S2														0.3.1	

23.806	Voice call continuity between Circuit Switched (CS) and IP Multimedia Subsystem (IMS) Study	S2														7.0.0	
23.807	Feasibility study for enhancement of radio performance for Voice over IP Multimedia Subsystem (VoIMS); Report on technical options and conclusions	S2														0.3.0	
23.808	Supporting Globally Routable User Agent URI in IMS; Report and conclusions	S2														1.0.1	
23.809	One Tunnel solution for Optimisation of Packet Data Traffic	S2														1.0.0	
23.810	Study on architecture impacts of Service Brokering	S2															0.6.0
23.811	Support of service Level Interworking for messaging services	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			
23.816	Identification of communication services in IMS	S2														7.0.0	
23.817	Feasibility study on enhancement of radio performances for Voice over IMS (VoIMS); Report on Technical options and conclusions	S2														0.1.0	
23.818	Optimisations and Enhancements for Realtime IMS Communication	S2														0.10.0	
23.819	Terminating session handling	S2														1.3.0	
23.820	Study of IMS restoration procedures	C4															0.2.0
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
23.821	Architecture Principles for Release 2000 <i>spec withdrawn</i>	S2											1.0.1				
23.825	Overall architecture aspects of IP flow based bearer level charging; Stage 2 <i>spec withdrawn</i>	S2													1.4.0		
23.826	Feasibility study on Voice Call Continuity (VCC) support for emergency calls	S2														0.0.2	
23.827	Feasibility study of mobility between 3GPP-WLAN interworking and 3GPP systems	S2															0.3.1
23.835	Study into applicability of Galileo in Location Services (LCS)	S2													1.0.0		
23.836	Quality of Service (QoS) and policy aspects of 3GPP - Wireless Local Area Network (WLAN)	S2														1.0.0	

	interworking																
23.837	Location Services (LCS) architecture for 3GPP system - Wireless Local Area Network (WLAN) interworking	S2														1.0.0	
23.840	Study into routing of MT-SMs via the HPLMN	C4														7.1.0	
23.841	Presence service architecture	S2											1.1.0	6.0.0			
23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2	S2											0.2.0	6.1.0			
23.847	Enhancements to IMS service functionalities facilitating multicast bearer services	S2														1.2.0	
23.851	Network sharing; Architecture and functional description	S2												6.1.0			
23.864	Commonality and interoperability between IP Multimedia System (IMS) core networks	S2												0.6.0			
23.867	Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions	S2												0.6.0	7.1.0		
23.871	Enhanced support for user privacy in Location Services (LCS)	S2											5.0.0				
23.873	Feasibility study for transport and control separation in the PS CN domain	S2										4.0.0					
23.874	Feasibility study of architecture for network requested PDP context activation with User-ID <i>spec withdrawn</i>	S2										1.3.0					
23.875	Support of Push service	S2											5.1.0				
23.876	Push architecture <i>spec withdrawn</i>	S2												0.5.0			
23.877	Architectural aspects of speech-enabled services	S2												6.0.0			
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
23.879	Study on Circuit Switched (CS) domain services over evolved Packet Switched (PS) access	S2															0.1.0
23.881	Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations <i>spec withdrawn</i>	S2													1.0.0		
23.882	3GPP system architecture evolution (SAE): Report on technical options and conclusions	S2														1.9.0	1.11.0
23.892	IP Multimedia System (IMS) centralized services	S2															1.1.0
23.893	Feasibility study on	S2															0.1.1

	multimedia session continuity																
23.895	Provision of UE specific behaviour information to network entities	S2													6.2.0		
23.898	Access Class Barring and Overload Protection (ACBOP)	S2													1.3.0	7.0.0	
23.899	Combining Circuit Switched (CS) bearers with IP Multimedia Subsystem (IMS) <i>spec withdrawn</i>	S2													1.2.0		
23.903	Redial solution for voice-video switching	S2													6.1.0	7.0.0	
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		4.9.1	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		
23.919	Direct tunnel deployment guideline	S2														7.0.0	
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				
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
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		
23.937	Feasibility study of mobility between 3GPP-WLAN interworking and 3GPP systems <i>spec withdrawn</i>	S2															0.0.2

23.941	3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)	C4													6.0.0	7.0.0	
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>	-				0.0.0											
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		
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	7.0.0	
23.977	Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks	S2													6.1.0	7.0.0	
23.979	3GPP enablers for Open Mobile Alliance (OMA) Push-to-talk over Cellular (PoC) services; Stage 2	S2													6.2.0	7.0.0	
23.981	Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations	S2												5.0.0	6.4.0	7.0.0	
23.982	IP Multimedia System (IMS) centralized services <i>spec withdrawn</i>	S2															0.3.1
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	7.0.0	
24.004	Layer 1 - General Requirements <i>spec withdrawn</i>	G2											4.0.0				
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
24.007	Mobile radio interface signalling layer 3; General Aspects	C1									3.10.0		4.4.0	5.4.0	6.5.0	7.0.0	
24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3	C1									3.20.0		4.16.0	5.16.0	6.16.0	7.8.0	
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	7.0.0	
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	6.1.0	7.0.0	

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	7.0.0	
24.030	Location Services (LCS); Supplementary service operations; Stage 3	C4									3.3.0		4.2.0	5.1.0	6.4.0	7.2.0	
24.065	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP) <i>spec withdrawn</i>	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	7.0.0	
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	7.0.0	
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	7.3.0	
24.081	Line Identification Supplementary Service; Stage 3	C4									3.1.0		4.0.1	5.0.0	6.0.0	7.0.0	
24.082	Call Forwarding supplementary service; Stage 3	C4									3.0.0		4.0.1	5.0.0	6.0.0	7.0.0	
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	7.0.0	
24.084	MultiParty (MPTY) Supplementary Service; Stage 3	C4									3.0.0		4.0.1	5.0.0	6.0.0	7.0.0	
24.085	Closed User Group (CUG) Supplementary Service; Stage 3	C4									3.0.0		4.0.1	5.0.0	6.0.0	7.0.0	
24.086	Advice of Charge (AoC) Supplementary Service; Stage 3	C4									3.0.0		4.0.1	5.0.0	6.0.0	7.0.0	
24.087	User-to-User Signalling (UUS); Stage 3	C4									3.0.0		4.0.1	5.0.0	6.0.0	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
24.088	Call Barring (CB) Supplementary Service; Stage 3	C4									3.0.0		4.0.2	5.0.0	6.0.0	7.0.0	
24.090	Unstructured Supplementary Service Data (USSD); Stage 3	C4									3.0.0		4.0.1	5.0.0	6.0.0	7.0.0	
24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	C4									3.0.0		4.0.1	5.0.0	6.0.0	7.0.0	
24.093	Call Completion to Busy Subscriber (CCBS); Stage 3	C4									3.0.0		4.0.1	5.0.0	6.0.0	7.0.0	
	Name Identification	C4									3.0.0		4.0.1	5.0.0	6.0.0	7.0.0	

24.096	Supplementary Service; Stage 3																
24.109	Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details	C1													6.8.0	7.5.0	
24.135	Multicall supplementary service; Stage 3	C4									3.2.0		4.1.1	5.0.0	6.0.0	7.0.0	
24.141	Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	C1													6.8.0	7.3.0	
24.147	Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	C1													6.7.0	7.5.0	
24.167	3GPP IMS Management Object (MO); Stage 3	C1													6.5.0	7.1.0	
24.173	IMS Multimedia telephony service and supplementary services; Stage 3	C1														7.1.0	
24.206	Voice call continuity between Circuit Switched (CS) and IP Multimedia Subsystem (IMS); Stage 3	C1														7.2.0	
24.216	Communication continuity Management Object (MO)	C1														7.1.0	
24.228	Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	C1												5.15.0			
24.229	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	C1												5.19.0	6.15.0	7.8.0	8.0.0
24.234	3GPP system to Wireless Local Area Network (WLAN) interworking; WLAN User Equipment (WLAN UE) to network protocols; Stage 3	C1													6.7.0	7.5.0	
24.241	3GPP Generic User Profile (GUP) Common objects; Stage 3 <i>spec withdrawn</i>	C4													0.5.0		
24.247	Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	C1													6.8.0	7.2.0	
24.259	Personal Network Management (PNM); Procedures and information flows	C1														0.0.0	0.1.0
24.279	Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services; Stage 3	C1														7.5.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
24.305	Selective Disabling of UE Capabilities (SDoUE) Management	C1														7.2.0	

	Object (MO)																
24.341	Support of SMS over IP networks; Stage 3	C1														7.1.0	
24.801	3GPP System Architecture Evolution (SAE); CT WG1 aspects	C1															0.2.0
24.819	Protocol impact from providing IMS services via fixed broadband; Stage-3	C1														7.0.0	
24.841	Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details	C1														6.0.0	
24.879	Combining Circuit-Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions	C1														7.0.0	
24.880	Media Server Control using the IP Multimedia (IM) Core Network (CN) subsystem	C1														1.2.0	
24.930	Signalling flows for the session setup in the IP Multimedia core network Subsystem (IMS) based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	C1														7.2.0	
25.101	User Equipment (UE) radio transmission and reception (FDD)	R4									3.19.0		4.13.0	5.20.0	6.14.0	7.8.0	
25.102	User Equipment (UE) radio transmission and reception (TDD)	R4									3.13.0		4.9.0	5.11.0	6.8.0	7.7.0	
25.103	RF parameters in support of RRM <i>spec withdrawn</i>	R4									2.0.0						
25.104	Base Station (BS) radio transmission and reception (FDD)	R4									3.14.0		4.9.0	5.13.0	6.15.0	7.7.0	
25.105	Base Station (BS) radio transmission and reception (TDD)	R4									3.15.0		4.10.0	5.8.0	6.5.0	7.6.0	
25.106	UTRA repeater radio transmission and reception	R4											4.10.0	5.13.0	6.7.0	7.3.0	
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	6.4.0	7.6.0	
25.123	Requirements for support of radio resource management (TDD)	R4									3.14.0		4.15.0	5.12.0	6.10.0	7.5.0	
25.133	Requirements for support of radio resource management (FDD)	R4									3.22.0		4.17.0	5.17.0	6.18.0	7.8.0	
25.141	Base Station (BS) conformance testing (FDD)	R4									3.15.0		4.10.0	5.14.0	6.17.0	7.8.0	
25.142	Base Station (BS) conformance testing (TDD)	R4									3.15.0		4.12.0	5.10.0	6.7.0	7.6.0	

Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
25.143	UTRA repeater conformance testing	R4											4.12.0	5.13.0	6.7.0	7.3.0	
25.144	User Equipment (UE) and Mobile Station (MS) over the air performance requirements	R4														7.0.0	
25.171	Requirements for support of Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)	R4													6.3.0	7.1.0	
25.201	Physical layer - general description	R1									3.4.0		4.3.0	5.3.0	6.2.0	7.3.0	
25.202	7.68Mcps Time Division Duplex (TDD) option ; Overall description: Stage 2	R1														7.1.0	
25.211	Physical channels and mapping of transport channels onto physical channels (FDD)	R1									3.12.0		4.6.0	5.8.0	6.7.0	7.2.0	
25.212	Multiplexing and channel coding (FDD)	R1									3.11.0		4.6.0	5.10.0	6.10.0	7.5.0	
25.213	Spreading and modulation (FDD)	R1									3.9.0		4.4.0	5.6.0	6.5.0	7.2.0	
25.214	Physical layer procedures (FDD)	R1									3.12.0		4.6.0	5.11.0	6.11.0	7.5.0	
25.215	Physical layer; Measurements (FDD)	R1									3.13.0		4.8.0	5.7.0	6.4.0	7.2.0	
25.221	Physical channels and mapping of transport channels onto physical channels (TDD)	R1									3.11.0		4.8.0	5.6.0	6.5.0	7.3.0	
25.222	Multiplexing and channel coding (TDD)	R1									3.10.0		4.8.0	5.7.0	6.2.0	7.3.0	
25.223	Spreading and modulation (TDD)	R1									3.8.0		4.5.0	5.3.0	6.1.0	7.4.0	
25.224	Physical layer procedures (TDD)	R1									3.13.0		4.11.0	5.9.0	6.7.0	7.3.0	
25.225	Physical layer; Measurements (TDD)	R1									3.12.0		4.8.0	5.7.0	6.3.0	7.3.0	
25.231	Physical layer - Measurements <i>spec withdrawn</i>	R1									0.3.0						
25.301	Radio interface protocol architecture	R2									3.11.0		4.4.0	5.6.0	6.4.0	7.2.0	
25.302	Services provided by the physical layer	R2									3.16.0		4.8.0	5.9.0	6.8.0	7.4.0	
25.303	Interlayer procedures in Connected Mode	R2									3.12.0		4.5.0	5.3.0	6.3.0	7.0.0	
25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode	R2									3.14.0		4.8.0	5.9.0	6.9.0	7.2.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
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	7.3.0	
25.306	UE Radio Access capabilities	R2									3.10.0		4.10.0	5.14.0	6.11.0	7.4.0	
25.307	Requirements on User Equipments (UEs) supporting a release-independent frequency band	R2									3.9.0		4.9.0	5.8.0	6.5.0	7.1.0	
25.308	High Speed Downlink	R2												5.7.0	6.4.0	7.3.0	

	Packet Access (HSDPA); Overall description; Stage 2																
25.309	FDD enhanced uplink; Overall description; Stage 2	R2													6.6.0		
25.319	Enhanced uplink; Overall description; Stage 2	R2														7.2.0	
25.321	Medium Access Control (MAC) protocol specification	R2									3.17.0		4.10.0	5.13.0	6.13.0	7.5.0	
25.322	Radio Link Control (RLC) protocol specification	R2									3.18.0		4.12.0	5.13.0	6.10.0	7.3.0	
25.323	Packet Data Convergence Protocol (PDCP) specification	R2									3.10.0		4.6.0	5.9.0	6.10.0	7.5.0	
25.324	Broadcast/Multicast Control (BMC)	R2									3.9.0		4.5.0	5.6.0	6.6.0	7.1.0	
25.331	Radio Resource Control (RRC); Protocol specification	R2									3.21.0		4.17.0	5.19.0	6.14.0	7.5.0	
25.346	Introduction of the Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN); Stage 2	R2													6.11.0	7.4.0	
25.401	UTRAN overall description	R3									3.10.0		4.6.0	5.10.0	6.9.0	7.4.0	
25.402	Synchronization in UTRAN Stage 2	R3									3.10.0		4.6.0	5.4.0	6.5.0	7.3.0	
25.410	UTRAN Iu interface: General aspects and principles	R3									3.8.0		4.5.0	5.4.0	6.5.0	7.0.0	
25.411	UTRAN Iu interface layer 1	R3									3.5.0		4.1.0	5.1.0	6.1.0	7.0.0	
25.412	UTRAN Iu interface signalling transport	R3									3.6.0		4.1.0	5.2.0	6.4.0	7.1.0	
25.413	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling	R3									3.14.0		4.12.0	5.12.0	6.14.0	7.6.0	
25.414	UTRAN Iu interface data transport & transport signalling	R3									3.13.0		4.7.0	5.7.0	6.4.0	7.1.0	
25.415	UTRAN Iu interface user plane protocols	R3									3.12.0		4.7.0	5.5.0	6.3.0	7.3.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)	R3									3.11.0		4.10.0	5.7.0	6.2.0	7.0.0	
25.420	UTRAN Iur interface general aspects and principles	R3									3.5.0		4.2.0	5.3.0	6.4.0	7.3.0	
25.421	UTRAN Iur interface layer 1	R3									3.1.0		4.0.0	5.0.0	6.0.0	7.0.0	
25.422	UTRAN Iur interface signalling transport	R3									3.6.1		4.2.0	5.1.0	6.2.0	7.0.0	
25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling	R3									3.14.2		4.13.0	5.17.0	6.14.0	7.5.0	
25.424	UTRAN Iur interface data transport & transport signalling for Common Transport Channel data streams	R3									3.9.0		4.3.0	5.6.0	6.3.0	7.1.0	
25.425	UTRAN Iur interface user plane protocols for Common Transport	R3									3.8.0		4.4.0	5.8.0	6.4.0	7.4.0	

	Channel data streams																
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	6.5.0	7.1.0	
25.427	UTRAN Iur/Iub interface user plane protocol for DCH data streams	R3									3.11.0		4.5.0	5.5.0	6.8.0	7.4.0	
25.430	UTRAN Iub Interface: general aspects and principles	R3									3.8.0		4.4.0	5.5.0	6.5.0	7.4.0	
25.431	UTRAN Iub interface Layer 1	R3									3.1.0		4.0.0	5.0.0	6.0.0	7.0.0	
25.432	UTRAN Iub interface: signalling transport	R3									3.1.0		4.0.0	5.1.0	6.0.0	7.1.0	
25.433	UTRAN Iub interface Node B Application Part (NBAP) signalling	R3									3.14.2		4.13.0	5.16.0	6.14.0	7.5.0	
25.434	UTRAN Iub interface data transport and transport signalling for Common Transport Channel data streams	R3									3.8.0		4.4.0	5.5.0	6.2.0	7.1.0	
25.435	UTRAN Iub interface user plane protocols for Common Transport Channel data streams	R3									3.11.0		4.6.0	5.9.0	6.4.0	7.5.0	
25.442	UTRAN implementation-specific O&M; transport	R3									3.1.0		4.0.0	5.1.0	6.0.0	7.0.0	
25.450	UTRAN Iupc interface general aspects and principles	R3												5.2.0	6.2.0	7.1.0	
25.451	UTRAN Iupc interface layer 1	R3												5.0.1	6.0.0	7.0.0	
25.452	UTRAN Iupc interface: signalling transport	R3												5.0.0	6.0.0	7.0.0	
25.453	UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling	R3												5.12.0	6.11.0	7.7.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
25.460	UTRAN Iuant interface: General aspects and principles	R3													6.2.0	7.1.0	
25.461	UTRAN Iuant interface: Layer 1	R3													6.5.0	7.5.0	
25.462	UTRAN Iuant interface: Signalling transport	R3													6.5.1	7.3.0	
25.463	UTRAN Iuant interface: Remote Electrical Tilting (RET) antennas Application Part (RETAP) signalling	R3													6.7.0	7.5.0	
25.466	UTRAN Iuant interface: Application part	R3														7.1.0	
25.801	Feasibility study for improved access to User Equipment (UE) measurement data for Controlling Radio Network Controller (CRNC) to support Time Division Duplex (TDD) Radio Resource Management (RRM)	R3													6.0.0		
25.802	Remote control of electrical tilting antennas	R3													6.0.0		
25.803	S-CCPCH performance for Multimedia Broadcast/Multicast Service (MBMS)	R1													6.0.0		

25.804	Feasibility study on uplink enhancements for UTRA TDD	R1														6.1.0		
25.805	DS-CDMA introduction in the 800 MHz band	R4														1.0.0		
25.806	UMTS 1700/2100MHz Work Item	R4														6.0.0	7.0.0	
25.807	Low output powers for general purpose Frequency Division Duplex (FDD) Base Station (BS)	R3														6.0.0		
25.808	FDD enhanced uplink; Physical layer aspects	R1														6.0.0		
25.809	7.68 Mcps TDD option: Physical layer	R1															7.0.0	
25.810	UMTS 2.6 GHz (FDD) Work Item Technical Report	R4															7.0.0	
25.811	UMTS 2.6 GHz TDD Work Item Technical Report	R4															7.0.0	
25.812	Requirements for evolved Universal Terrestrial Radio Access (UTRA) and Universal Terrestrial Radio Access Network (UTRAN) <i>spec withdrawn</i>	RP															0.0.0	
25.813	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Radio interface protocol aspects	R2															7.1.0	
25.814	Physical layer aspect for evolved Universal Terrestrial Radio Access (UTRA)	R1															7.1.0	
25.815	Signalling enhancements for Circuit-Switched (CS) and Packet-Switched (PS) connections; Analyses and recommendations	R2															7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8	
25.816	UMTS 900 MHz Work Item technical teport	RP														7.0.0		
25.817	UMTS 1700 Work item Technical Report	R4														7.0.0		
25.818	UTRA tower mounted amplifier (FDD) study item technical report	R4														7.0.0		
25.819	7.68 Mcps TDD option: Layer 2 and 3 protocol aspects	R2														1.0.0		
25.820	Home NodeB/eNodeB	R4															0.1.0	
25.821	UMTS 1500 MHz Work Item Technical Report	R4															0.2.0	
25.822	UMTS 700 MHz Work Item Technical Report	R4															0.1.0	
25.826	3.84 Mcps TDD enhanced uplink; Physical layer aspects	R1														7.0.0		
25.827	1.28 Mcps TDD ehanced uplink; Physical layer aspects	R1														7.1.0		
25.829	7.68 Mcps TDD oppion: RF	R4														7.1.0		

	transmission/reception, System performance requirements and conformance testing																
25.831	Study Items for future release <i>spec withdrawn</i>	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 <i>spec withdrawn</i>	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) <i>spec withdrawn</i>	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) <i>spec withdrawn</i>	R3										0.1.0	0.3.0				
25.840	Terminal power saving features	R1											4.0.0				
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
25.841	DSCH power control improvement in soft handover	R1											4.1.0				
25.842	Smart antenna <i>spec withdrawn</i>	R1											1.0.0				
25.843	1.28 Mcps TDD UE Radio Access Capabilities	R2											4.1.0				
25.844	Radio access bearer support enhancements	R2											4.3.0				
25.845	FDD RACH and AICH performance requirements <i>spec withdrawn</i>	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 Iu	R3											4.0.0				
25.852	Iu enhancements for IP Multimedia (IMS) support in UTRAN <i>spec withdrawn</i>	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	R1												5.0.0			

	(USTS)																
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													6.0.0		
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			
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
25.869	Transmitter diversity solutions for multiple antennas <i>spec withdrawn</i>	R1												1.2.1	1.2.0		
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												1.1.0	1.5.1	7.0.0	
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	R4													6.0.0		

	considering the viable deployment of UTRA in additional and diverse spectrum arrangements																
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 <i>spec withdrawn</i>	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			
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
25.896	Feasibility study for enhanced uplink for UTRA FDD	R1													6.0.0		
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 <i>spec withdrawn</i>	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	7.0.0	
25.902	Iub/Iur congestion control	R3													6.1.0	7.1.0	
25.903	Continuous connectivity for packet data users	R1														7.0.0	
25.904	Improved support of gaming over HSDPA/EDCH <i>spec withdrawn</i>	R2														0.0.2	
25.905	Feasibility study on improvement of the Multimedia Broadcast / Multicast Service (MBMS) in UTRAN	R2														7.1.0	
25.906	Dynamically reconfiguring a Frequency Division Duplex (FDD) User Equipment (UE) receiver to reduce power consumption when desired	R4														1.0.0	
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	RP														7.2.0	

	(UTRAN)																
25.913	Requirements for Evolved UTRA (E-UTRA) and Evolved UTRAN (E-UTRAN)	RP														7.3.0	
25.914	Measurements of radio performances for UMTS terminals in speech mode	R4														7.0.0	
25.921	Guidelines and principles for protocol description and error handling	R2									3.11.0		4.8.0	5.5.0	6.1.0	7.0.0	
25.922	Radio resource management strategies	R2									3.9.0		4.4.0	5.4.0	6.4.0	7.1.0	
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						
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
25.928	1,28 Mcps functionality for UTRA TDD physical layer	R1											4.0.1				
25.931	UTRAN functions, examples on signalling procedures	R3									3.7.1		4.5.0	5.4.0	6.4.0	7.4.0	
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				
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	7.0.0	
25.943	Deployment aspects	R4											4.2.0	5.1.0	6.0.0	7.0.0	
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											4.2.0	5.2.0			
25.946	RAB Quality of Service (QoS) Negotiation over lu	R3											4.0.0				
25.950	UTRA High Speed Downlink Packet Access (HSDPA)	R2											4.0.1				
25.951	FDD Base Station (BS) classification	R4											1.1.0	1.5.1	6.3.0	7.0.0	

25.952	TDD Base Station (BS) classification	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				
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8	
25.956	Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis	R4											4.0.0	5.0.0	6.0.0	7.0.0		
25.963	Feasibility study on interference cancellation for UTRA FDD User Equipment (UE)	R4														7.0.0		
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	7.0.0		
25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)	R2									3.2.0		4.2.0	5.2.0	6.15.0	7.3.0		
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 RAN interface specification	R2												0.0.1				
25.996	Spacial channel model for Multiple Input Multiple Output (MIMO) simulations	R1													6.1.0	7.0.0		
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			
25.999	High Speed Packet Access (HSPA) evolution, Frequency Division Duplex (FDD)	R2															2.1.1	
26.071	AMR speech Codec; General description	S4									3.0.1		4.0.0	5.0.0	6.0.0	7.0.1		
26.073	AMR speech Codec; C-source code	S4									3.3.0		4.1.0	5.3.0	6.0.0	7.0.0		
26.074	AMR speech Codec; Test sequences	S4									3.1.1		4.0.1	5.0.0	6.0.0	7.0.0		
26.075	Performance characterization of the Adaptive Multi-Rate	-									1.2.0							

	(AMR) speech codec spec withdrawn																
26.077	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder	S4											4.0.0	5.0.1	6.0.0	7.0.0	
26.078	Results of the AMR noise suppression selection phase spec withdrawn	S4											4.0.0				
26.090	AMR speech Codec; Transcoding Functions	S4									3.1.0		4.0.0	5.0.0	6.0.0	7.0.0	
26.091	AMR speech Codec; Error concealment of lost frames	S4									3.1.0		4.0.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
26.093	Mandatory speech codec speech processing functions Adaptive Multi-Rate (AMR) speech codec; Source controlled rate operation	S4									3.3.0		4.0.0	5.2.0	6.1.0	7.0.0	
26.094	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Voice Activity Detector (VAD)	S4									3.0.0		4.0.0	5.0.0	6.1.0	7.0.0	
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	7.0.0	
26.102	Mandatory speech codec; Adaptive Multi-Rate (AMR) speech codec; Interface to lu, Uu and Nb	S4									3.4.0		4.1.0	5.2.0	6.0.0	7.1.0	
26.103	Speech codec list for GSM and UMTS	S4									3.2.0		4.4.0	5.6.0	6.2.0	7.0.0	
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	7.0.0	
26.110	Codec for circuit switched multimedia telephony service; General description	S4									3.1.0		4.1.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
26.112	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements spec withdrawn	S4									1.1.0						
26.114	IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction	S4														7.1.0	
26.115	Echo control for speech and multimedia services	S4									0.0.1		4.0.0	5.0.0	6.0.0	7.0.0	
26.131	Terminal acoustic	S4									3.4.0		4.2.0	5.2.0	6.1.0	7.0.0	

	characteristics for telephony; Requirements																
26.132	Speech and video telephony terminal acoustic test specification	S4									3.5.0		4.3.0	5.4.0	6.1.0	7.0.0	
26.140	Multimedia Messaging Service (MMS); Media formats and codes	S4												5.2.0	6.3.0	7.1.0	
26.141	IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs	S4													6.3.0	7.1.0	
26.142	Dynamic and Interactive Multimedia Scenes (DIMS)	S4														7.0.0	
26.171	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; General description	S4												5.0.0	6.0.0	7.0.0	
26.173	ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-WB) speech codec	S4												5.11.0	6.2.0	7.0.0	
26.174	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec test sequences	S4												5.4.0	6.0.0	7.0.0	
26.177	Speech Enabled Services (SES); Distributed Speech Recognition (DSR) extended advanced front-end test sequences	S4													6.0.0	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
26.190	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Transcoding functions	S4												5.1.0	6.1.1	7.0.0	
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	7.0.0	
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	7.0.0	
26.193	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Source controlled rate operation	S4												5.0.0	6.1.0	7.0.0	
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	7.0.0	
26.201	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Frame	S4												5.0.0	6.0.0	7.0.0	

	structure																
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	7.0.0	
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	7.0.0	
26.226	Cellular text telephone modem; General description	S4										4.0.0	5.0.0	6.0.0	7.0.0		
26.230	Cellular text telephone modem; Transmitter bit exact C-code	S4										4.0.0	5.0.2	6.0.0	7.0.0		
26.231	Cellular text telephone modem; Minimum performance requirements	S4												5.2.1	6.0.2	7.0.0	
26.233	End-to-end transparent streaming service; General description	S4											4.2.0	5.0.0	6.0.0	7.0.0	
26.234	Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs	S4											4.5.0	5.7.0	6.11.0	7.3.1	
26.235	Packet switched conversational multimedia applications; Default codecs	S4											4.1.0	5.1.0	6.4.0	7.1.0	
26.236	Packet switched conversational multimedia applications; Transport protocols	S4												5.7.0	6.4.0	7.1.0	
26.243	ANSI C code for the fixed-point distributed speech recognition extended advanced front-end	S4													6.1.0	7.0.0	
26.244	Transparent end-to-end packet switched streaming service (PSS); 3GPP file format (3GP)	S4													6.7.0	7.2.0	
26.245	Transparent end-to-end Packet switched Streaming Service (PSS); Timed text format	S4													6.1.0	7.0.0	
26.246	Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile	S4													6.1.0	7.0.0	
26.273	ANSI-C code for the fixed-point Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec	S4													6.5.0	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
26.274	Speech codec speech processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec; Conformance testing	S4													6.3.0	7.0.0	
26.290	Audio codec processing functions; Extended Adaptive	S4													6.3.0	7.0.0	

	Multi-Rate - Wideband (AMR-WB+) codec; Transcoding functions																
26.304	Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Floating-point ANSI-C code	S4													6.6.0	7.0.0	
26.346	Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs	S4													6.9.0	7.4.0	
26.401	General audio codec audio processing functions; Enhanced aacPlus general audio codec; General description	S4													6.2.0	7.0.0	
26.402	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Additional decoder tools	S4													6.1.0	7.0.0	
26.403	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Advanced Audio Coding (AAC) part	S4													6.0.0	7.0.0	
26.404	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Spectral Band Replication (SBR) part	S4													6.0.0	7.0.0	
26.405	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Parametric stereo part	S4													6.1.0	7.0.0	
26.406	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Conformance testing	S4													6.3.0	7.0.0	
26.410	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Floating-point ANSI-C code	S4													6.8.0	7.1.0	
26.411	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Fixed-point ANSI-C code	S4													6.5.0	7.2.0	
26.412	General audio codec audio processing functions; Source code for 3GP file format	S4													6.0.0	7.0.0	
26.901	Adaptive Multi-Rate Wideband (AMR-WB) speech codec; Feasibility study report	S4										4.0.1					
26.902	Video codec performance	S4														7.0.0	
26.911	Codec(s) for Circuit-Switched (CS) multimedia telephony service; Terminal implementor's guide	S4								3.4.0		4.2.0	5.1.0	6.0.0	7.1.0		

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 spec withdrawn	S4									0.0.1						
26.914	Multimedia telephony over IP Multimedia Subsystem (IMS); Optimization opportunities	S4														7.0.0	
26.915	Echo Control For Speech and Multi-Media Services	S4									3.0.0						
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
26.920	Architectural Model for the 3G Transcoders spec withdrawn	S4											0.1.1				
26.935	Packet Switched (PS) conversational multimedia applications; Performance characterization of default codecs	S4													6.0.0	7.0.0	
26.936	Performance characterization of 3GPP audio codecs	S4													6.1.0	7.0.0	
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	7.0.0	
26.943	Recognition performance evaluations of codecs for Speech Enabled Services (SES)	S4													6.0.0	7.0.0	
26.944	End-to-end multimedia services performance metrics	S4														7.0.0	
26.946	Multimedia Broadcast/Multicast Service (MBMS) user service guidelines	S4													6.1.0	7.0.0	
26.967	eCall data transfer; in-band modem solution	S4														0.1.1	
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	7.0.0	
26.976	Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec	S4												5.1.0	6.0.0	7.0.0	
26.978	Results of the Adaptive Multi-Rate (AMR) noise suppression selection phase	S4											4.0.0		6.0.0	7.0.0	
27.001	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	C3									3.16.0		4.14.0	5.10.0	6.3.0	7.0.0	
27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer	C3									3.5.0		4.0.0	5.0.0	6.0.0	7.0.0	

	capabilities																
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	7.0.0	
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	7.0.0	
27.007	AT command set for User Equipment (UE)	C1									3.13.0		4.6.0	5.6.0	6.9.0	7.4.0	8.0.0
27.00U	Principles for handling of data services in the UMTS spec withdrawn	S5				1.2.1											
27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	C3									3.4.0		4.2.0	5.0.0	6.0.0	7.0.0	
27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services	C3									3.8.0		4.3.1	5.6.0	6.0.0	7.0.0	
27.103	Wide Area Network Synchronization	C1									3.1.0		4.0.0	5.0.0			
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
27.104	vObjects and other constructs for data synchronization spec withdrawn	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	6.4.0	7.0.0	
29.002	Mobile Application Part (MAP) specification	C4									3.20.0		4.17.0	5.12.0	6.15.0	7.8.0	8.2.0
29.004	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN) spec withdrawn	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 spec withdrawn	N3									3.0.0						
29.006	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services spec withdrawn	N3									3.0.0						
29.007	General requirements on interworking between the Public Land Mobile Network (PLMN) and the	C3									3.15.0		4.14.0	5.14.0	6.4.0	7.3.0	

	Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)																
29.010	Information element mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MSC); Signalling Procedures and the Mobile Application Part (MAP)	C4									3.12.0		4.8.0	5.7.0	6.9.0	7.1.0	
29.011	Signalling Interworking for supplementary services	C4									3.0.0		4.0.1	5.0.0	6.0.0	7.0.0	
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	7.0.0	
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	7.0.0	
29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	C1									3.11.0		4.5.0	5.5.0	6.5.0	7.3.0	
29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	C4									3.19.0		4.11.0	5.14.0	6.17.0	7.6.0	8.0.0
29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	C3									3.14.1		4.10.1	5.9.1	6.12.0	7.4.0	
29.078	Customized Applications for Mobile network Enhanced Logic (CAMEL) Phase X; CAMEL Application Part (CAP) specification	C4									3.15.0		4.8.0	5.9.0	6.5.0	7.3.0	
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	6.3.0	7.1.0	
29.109	Generic Authentication Architecture (GAA); Zh and Zn Interfaces based on the Diameter protocol; Stage 3	C4													6.7.0	7.6.0	
29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	C4									3.0.0		4.0.0	5.0.0	6.0.0	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3	C4									3.1.0		4.0.0	5.0.0	6.0.0	7.0.0	

29.140	Multimedia Messaging Service (MMS); MM10 interface based on Diameter protocol; Stage 3	C4														6.3.0	7.0.0	
29.161	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services with Wireless Local Area Network (WLAN) access and Packet data Networks (PDNs)	C3														6.3.0	7.2.0	
29.162	Interworking between the IM CN subsystem and IP networks	C3												1.0.0		6.2.0	7.1.0	
29.163	Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks	C3												1.3.1		6.10.0	7.7.0	
29.164	Interworking between the 3GPP Cs domain with BICC or ISUP as signalling protocol and external SIP-I networks	C3															7.0.0	
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											4.3.8	5.8.3		6.5.0	7.0.0	
29.198-02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data definitions	C5											4.8.0	5.11.0		6.6.0	7.0.0	
29.198-03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework	C5											4.9.0	5.9.1		6.7.0	7.1.0	
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 common definitions	C5												5.8.1		6.5.1	7.0.0	
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		6.4.1	7.0.0	
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												5.10.0		6.6.1	7.0.1	
29.198-04-4	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call	C5												5.9.1		6.5.1	7.0.0	

	control; Subpart 4: Multimedia call control Service Capability Feature (SCF)																
29.198-04-5	Open Service Access (OSA) Application Programming Interface (API); Part 5: Call control; Subpart 4: Conference call control Service Capability Feature (SCF)	C5														7.0.0	
29.198-05	Open Service Access (OSA) Application Programming Interface (API); Part 5: User interaction Service Capability Feature (SCF)	C5											4.10.0	5.10.0	6.5.1	7.1.1	
29.198-06	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility Service Capability Feature (SCF)	C5											4.6.0	5.8.0	6.6.1	7.0.0	
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	6.4.1	7.0.0	
29.198-08	Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control Service Capability Feature (SCF)	C5											4.9.0	5.9.0	6.5.1	7.0.1	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
29.198-11	Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management Service Capability Feature (SCF)	C5											4.6.0	5.8.0	6.5.1	7.0.0	
29.198-12	Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging Service Capability Feature (SCF)	C5											4.6.0	5.9.0	6.5.1	7.0.0	
29.198-13	Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management Service Capability Feature (SCF)	C5												5.7.0	6.4.1	7.0.0	
29.198-14	Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM) Service Capability Feature (SCF)	C5												5.7.1	6.3.1	7.0.0	
29.198-15	Open Service Access (OSA) Application Programming Interface (API); Part 15: Multi-media Messaging (MM) Service Capability Feature (SCF)	C5													6.5.0	7.0.0	
29.198-16	Open Service Access (OSA) Application	C5														7.0.0	

	Programming Interface (API); Part 16: Service broker Service Capability Feature (SCF)																
29.199	Open Service Access (OSA); Web Services Application Programming Interface (API) for OSA; Parlay X services spec withdrawn	N5													1.0.1		
29.199-01	Open Service Access (OSA); Parlay X web services; Part 1: Common	C5													6.6.0	7.2.0	
29.199-02	Open Service Access (OSA); Parlay X web services; Part 2: Third party call	C5													6.5.0	7.4.0	
29.199-03	Open Service Access (OSA); Parlay X web services; Part 3: Call notification	C5													6.6.0	7.2.0	
29.199-04	Open Service Access (OSA); Parlay X web services; Part 4: Short messaging	C5													6.8.0	7.2.0	
29.199-05	Open Service Access (OSA); Parlay X web services; Part 5: Multimedia messaging	C5													6.8.0	7.2.0	
29.199-06	Open Service Access (OSA); Parlay X web services; Part 6: Payment	C5													6.5.0	7.2.2	
29.199-07	Open Service Access (OSA); Parlay X web services; Part 7: Account management	C5													6.6.0	7.2.2	
29.199-08	Open Service Access (OSA); Parlay X web services; Part 8: Terminal status	C5													6.5.0	7.0.2	
29.199-09	Open Service Access (OSA); Parlay X web services; Part 9: Terminal location	C5													6.5.0	7.2.2	
29.199-10	Open Service Access (OSA); Parlay X web services; Part 10: Call handling	C5													6.5.0	7.0.2	
29.199-11	Open Service Access (OSA); Parlay X web services; Part 11: Audio call	C5													6.5.0	7.2.0	
29.199-12	Open Service Access (OSA); Parlay X web services; Part 12: Multimedia conference	C5													6.6.0	7.0.2	
29.199-13	Open Service Access (OSA); Parlay X web services; Part 13: Address list management	C5													6.5.0	7.0.2	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
29.199-14	Open Service Access (OSA); Parlay X web services; Part 14: Presence	C5													6.7.0	7.3.2	
29.199-15	Open Service Access (OSA); Parlay X web services; Part 15: Message broadcast	C5														7.1.2	
29.199-16	Open Service Access (OSA); Parlay X web services; Part 16:	C5														7.1.2	

	Geocoding																
29.199-17	Open Service Access (OSA); Parlay X web services; Part 17: Application-driven Quality of Service (QoS)	C5														7.0.2	
29.199-18	Open Service Access (OSA); Parlay X web services; Part 18: Device capabilities and configuration	C5														7.0.0	
29.199-19	Open Service Access (OSA); Parlay X web services; Part 19: Multimedia streaming control	C5														7.0.2	
29.199-20	Open Service Access (OSA); Parlay X web services; Part 20: Multimedia multicast session management	C5														7.0.2	
29.202	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3	C4										4.3.0	5.2.0	6.0.0	7.0.0	8.0.0	
29.204	Signalling System No. 7 (SS7) security gateway; Architecture, functional description and protocol details	C4														7.1.0	
29.205	Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3	C4										4.3.0	5.2.0	6.1.0	7.0.0		
29.207	Policy control over Gs interface	C3											5.9.0	6.5.0			
29.208	End-to-end Quality of Service (QoS) signalling flows	C3											5.9.0	6.7.0			
29.209	Policy control over Gq interface	C3												6.7.0			
29.210	Charging rule provisioning over Gx interface	C3												6.7.0			
29.211	Rx Interface and Rx/Gx signalling flows	C3												6.4.0			
29.212	Policy and charging control over Gx reference point	C3														7.1.0	
29.213	Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping	C3														7.1.0	
29.214	Policy and charging control over Rx reference point	C3														7.1.0	
29.228	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents	C4											5.19.0	6.14.0	7.6.0		
29.229	Cx and Dx interfaces based on the Diameter protocol; Protocol details	C4											5.12.0	6.9.0	7.5.0		
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
29.230	Diameter applications; 3GPP specific codes and identifiers	C4													6.10.0	7.7.0	
29.232	Media Gateway Controller (MGC) - Media Gateway	C4											4.17.0	5.19.0	6.10.0	7.6.0	

	(MGW) interface; Stage 3																	
29.234	3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3	C4													6.11.0	7.6.0		
29.240	3GPP Generic User Profile (GUP); Stage 3; Network	C4													6.1.0	7.0.0		
29.278	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)	C4											5.4.0	6.1.0	7.0.0			
29.328	IP Multimedia Subsystem (IMS) Sh interface; Signalling flows and message contents	C4											5.15.0	6.13.0	7.6.0			
29.329	Sh interface based on the Diameter protocol; Protocol details	C4											5.11.0	6.7.0	7.3.0			
29.332	Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW); Mn interface	C4												6.9.0	7.7.0			
29.333	Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3	C4														7.0.0		
29.414	Core network Nb data transport and transport signalling	C3										4.5.0	5.1.0	6.1.0	7.2.0			
29.415	Core network Nb interface user plane protocols	C3										4.4.0	5.2.0	6.1.0	7.0.0			
29.800	Signalling System No. 7 (SS7) Security Gateway; Architecture, functional description and protocol details	C4														7.0.0		
29.801	Feasibility study of using M2PA in 3GPP networks	C4														7.0.0		
29.802	(G)MSC-S - (G)MSC-S Nc Interface based on the SIP-I protocol	C4														7.0.0		
29.803	3GPP System Architecture Evolution (SAE): CT WG4 aspects	C4																0.3.0
29.804	3GPP System Architecture Evolution (SAE): CT WG3 aspects	C3																0.1.1
29.814	Bandwidth saving at Nb interface with IP transport	C3														7.1.0		
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			
29.863	Feasibility Study for the multimedia inter- working between the IP	C3														7.2.0		

	Multimedia Core Network (CN) Subsystem (IMS) and Circuit Switched (CS) networks																
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
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	7.0.0	
29.962	Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage	C3													6.1.1		
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	7.0.0	
29.998	Open Services Architecture (OSA) Application Programming Interface (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	7.0.0	
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 to CAP Mapping	C5											4.2.0	5.0.0	6.0.0	7.0.0	
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: Multiparty Call Control ISC	C5												5.0.3	6.0.4	7.0.0	
29.998-05-1	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping	C5											4.0.0	5.0.0	6.0.0	7.0.0	
29.998-05-4	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping	C5											4.0.0	5.0.0	6.0.0	7.0.0	
29.998-06	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status	C5											4.0.0	5.0.0	6.0.0		

	Service Mapping to MAP																
29.998-06-1	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User location - user status service mapping; Supart 1: Mapping to Mobile Application Part (MAP)	C5														7.0.0	
29.998-06-2	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User location - user status service mapping; Supart 2: Mapping to Session Initiation Protocol (SIP)	C5														7.0.0	
29.998-08	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP	C5										4.0.0	5.0.0	6.0.0	7.0.0		
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>	-				3.6.1											
30.01U	UMTS Baseline document: Collection of the SMG's positions on the UMTS <i>spec withdrawn</i>	-				3.5.1											
30.03U	Selection procedures for the choice of radio transmission technologies of the UMTS	RP				3.2.0											
30.04U	Definition of the limited number of UTRA concepts <i>spec withdrawn</i>	GP				3.0.1											
30.06U	UTRA concept evaluation	SP				3.0.0											
30.20U	Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS <i>spec withdrawn</i>	-				3.1.0											
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
30.301	3.84 Mcps TDD enhanced uplink: RAN WG2 Stage 2 decisions	R2														0.2.0	
30.302	1.28 Mcps TDD enhanced uplink: RAN WG2 Stage 2 decisions	R2														7.1.0	
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				0.19.0	0.19.1	
30.801	Overall Project	S2											1.1.0				

	Plan <i>spec withdrawn</i>																
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				
30.817	Telecommunication management; Project scheduling and open issues for SA5, Release 7	S5														0.0.13	
30.818	Telecommunication management; Project scheduling and open issues for SA5, Release 8	S5															0.0.2
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	7.0.0	
31.048	Security mechanisms for the (U)SIM application toolkit; Test specification	C6												5.1.0			
31.101	UICC-terminal interface; Physical and logical characteristics	C6									3.3.1		4.2.1	5.2.1	6.5.1	7.0.1	
31.102	Characteristics of the Universal Subscriber Identity Module (USIM) application	C6									3.18.0		4.15.0	5.14.0	6.18.1	7.9.1	
31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application	C6												5.13.1	6.12.1	7.2.1	
31.110	Numbering system for telecommunication IC card applications	C6									3.2.0		4.1.0				
31.111	Universal Subscriber Identity Module (USIM) Application Toolkit (USAT)	C6									3.14.0		4.16.0	5.11.0	6.10.0	7.7.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
31.112	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2	C6												5.2.0	6.0.0	7.0.0	
31.113	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes	C6												5.6.0	6.3.0	7.0.0	
31.114	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter	C6												5.3.0	6.0.0	7.0.0	

	protocol and administration																
31.115	Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications	C6												1.0.0	6.5.0	7.1.0	
31.116	Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications	C6												1.0.0	6.8.0	7.0.0	
31.120	UICC-terminal interface; Physical, electrical and logical test specification	C6									3.1.0		4.0.0	5.0.0	6.0.0	7.0.0	
31.121	UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification	C6									3.15.1		4.14.1	5.4.1	6.7.0	7.0.0	
31.122	Universal Subscriber Identity Module (USIM) conformance test specification	C6									3.10.0		4.2.1	5.0.1	6.4.0	7.0.0	
31.123	(Universal) Subscriber Interface Module ((U)SIM) toolkit interpreter test spec withdrawn	T3												0.3.0			
31.124	Mobile Equipment (ME) conformance test specification; Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification	C6									3.0.0		4.0.0	5.0.0	6.9.0	7.0.0	
31.130	(U)SIM Application Programming Interface (API); (U)SIM API for Java Card	C6													6.6.0	7.6.0	
31.131	C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API	C6												1.0.0	6.1.0	7.0.0	
31.133	IP Multimedia Services Identity Module (ISIM) Application Programming Interface (API); ISIM API for Java Card™	C6														7.1.0	
31.213	Test specification for subscriber (U)SIM; Application Programming Interface (API) for Java Card™	C6													6.0.0	7.0.0	
31.50U	Essential requirements for UMTS Mobile Stations (ME) operating within frequency bands 1885-1980, 2010-2025 and 2110-2200 MHz spec withdrawn					0.0.0											
31.60U	Essential requirements for UMTS Mobile Earth Stations (MES) operating within frequency bands 1980-2010 and 2170-2200 MHz spec withdrawn					0.0.0											
31.900	SIM/USIM internal and external interworking aspects	C6									3.3.0		4.1.0	5.6.0	6.2.0	7.1.0	
31.919	2G/3G Java Card™ Application Programming Interface (API) based applet	C6													6.1.0	7.0.0	

	interworking																
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						
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
32.01U	Overall principles of the OAM for the UMTS <i>spec withdrawn</i>	SMG12				1.0.0											
32.101	Telecommunication management; Principles and high level requirements	S5									3.4.0		4.2.1	5.5.0	6.2.0	7.3.1	8.0.0
32.102	Telecommunication management; Architecture	S5									3.2.0		4.5.0	5.6.0	6.3.0	7.1.0	8.0.0
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						
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 Point (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	S5									3.2.0						

	Integration Reference Point (IRP): Information model (including Network Resource Model (NRM))																
32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	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	6.0.1	7.0.0	
32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)	S5									3.4.0		4.8.0	5.9.0	6.9.0	7.1.0	
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	5.7.1	6.7.0	7.1.0	
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	5.10.0	6.5.0		
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
32.111-5	Telecommunication management; Fault Management; Part 5: Alarm Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions	S5													6.3.0	7.0.0	

32.112-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: Requirements spec withdrawn	S5											2.0.0				
32.112-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 2: Information service spec withdrawn	S2											2.0.0				
32.121	Telecommunication management; Advanced alarming on Itf-N Integration Reference Point (IRP); Requirements	S5															1.0.0
32.140	Telecommunication management; Subscription Management (SuM) requirements	S5											0.1.0	0.5.5	6.4.0	7.0.0	
32.141	Telecommunication management; Subscription Management (SuM) architecture	S5													6.1.0	7.0.0	
32.150	Telecommunication management; Integration Reference Point (IRP) Concept and definitions	S5													6.5.0	7.2.0	8.0.0
32.151	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template	S5													6.3.0	7.2.0	
32.152	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire	S5													6.3.0	7.1.0	
32.153	Telecommunication management; Integration Reference Point (IRP) technology specific templates	S5														0.0.1	
32.154	Telecommunication management; Backward and Forward Compatibility (BFC); Concept and definitions	S5														7.0.0	
32.155	Telecommunication management; Requirements template	S5															2.0.0
32.171	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements	S5													6.1.0	7.0.0	
32.172	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)	S5													6.4.0	7.0.0	

32.173	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) <i>spec withdrawn</i>	S5													1.0.0		
32.175	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); eXtensible Markup Language (XML) definition	S5													6.2.0	7.0.0	
32.200	Telecommunication management; Charging management; Charging principles	S5										4.5.0	5.9.0				
32.205	Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain	S5										4.8.0	5.9.0				
32.215	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain	S5										4.9.0	5.9.0				
32.225	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)	S5											5.11.0				
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
32.235	Telecommunication management; Charging management; Charging data description for application services	S5											4.6.0	5.5.0			
32.240	Telecommunication management; Charging management; Charging architecture and principles	S5													6.4.0	7.2.0	
32.250	Telecommunication management; Charging management; Circuit Switched (CS) domain charging	S5													6.7.0	7.1.0	
32.251	Telecommunication management; Charging management; Packet Switched (PS) domain charging	S5													6.10.0	7.4.0	
32.252	Telecommunication management; Charging management; Wireless	S5													6.2.0	7.0.0	

	Local Area Network (WLAN) charging																
32.260	Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging	S5													6.8.0	7.3.0	8.0.0
32.270	Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging	S5													6.6.0	7.0.0	
32.271	Telecommunication management; Charging management; Location Services (LCS) charging	S5													6.2.0	7.0.0	
32.272	Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging	S5													6.5.0	7.4.0	
32.273	Telecommunication management; Charging management; Multimedia Broadcast and Multicast Service (MBMS) charging	S5													6.6.0	7.0.0	
32.274	Telecommunication management; Charging management; Short Message Service (SMS) charging	S5															0.2.0
32.295	Telecommunication management; Charging management; Charging Data Record (CDR) transfer	S5													6.1.0	7.0.0	
32.296	Telecommunication management; Charging management; Online Charging System (OCS): Applications and interfaces	S5													6.3.0	7.0.0	
32.297	Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer	S5													6.2.0	7.0.0	
32.298	Telecommunication management; Charging management; Charging Data Record (CDR) parameter description	S5													6.8.0	7.3.0	
32.299	Telecommunication management; Charging management; Diameter charging applications	S5													6.11.0	7.6.0	
32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects	S5											4.1.2	5.0.2	6.3.1	7.0.0	
32.301	Telecommunication management;	S5											4.0.2	5.0.1	6.0.1	7.0.0	

	Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements																
32.301-1	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements spec withdrawn	S5											2.0.0				
32.301-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service spec withdrawn	S5											2.0.0				
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
32.301-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set spec withdrawn	S5											2.0.0				
32.301-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: Common Management Information Protocol (CMIP) solution spec withdrawn	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	6.3.0	7.0.0	
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	6.6.0	7.0.0	
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	6.1.1		
32.305	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): eXtensible Markup Language (XML)	S5													6.3.0	7.0.0	

	definition																
32.307	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): SOAP Solution Set (SS)	S5														0.2.1	7.0.2
32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	S5											4.1.0	5.1.0	6.1.0	7.0.0	
32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)	S5											4.1.0	5.1.0	6.3.0	7.0.0	
32.313	Telecommunication management; Generic Integration Reference Point (IRP) management; Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5													6.4.0	7.0.0	
32.314	Telecommunication management; Generic Integration Reference Point (IRP) management; Common Management Information Protocol (CMIP) Solution Set (SS)	S5													6.0.0		
32.317	Telecommunication management; Generic Integration Reference Point (IRP) management; SOAP Solution Set (SS)	S5														0.2.1	7.0.2
32.321	Telecommunication management; Test management Integration Reference Point (IRP): Requirements	S5												5.0.1	6.0.0	7.0.1	
32.322	Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)	S5												5.1.0	6.2.0	7.0.0	
32.323	Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5												5.1.0	6.3.0	7.0.0	
32.324	Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5												5.1.0	6.0.0		
32.325	Telecommunication management; Test management Integration Reference Point (IRP): eXtensible Markup Language	S5														7.0.0	

	(XML) definitions																
32.331	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Requirements	S5													6.0.1	7.0.0	
32.332	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Information Service (IS)	S5													6.3.0	7.0.0	
32.333	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5													6.1.0	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
32.334	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5													6.2.0		
32.335	Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): eXtensible Markup Language (XML) solution definitions	S5													6.2.0	7.0.0	
32.341	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Requirements	S5													6.2.0	7.0.0	
32.342	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information Service (IS)	S5													6.2.0	7.0.0	
32.343	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5													6.3.0	7.0.0	
32.344	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5													6.0.0		
32.345	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions	S5														7.0.0	
32.350	Telecommunication management; Communication	S5													1.0.0		

	Surveillance (CS) requirements spec withdrawn																
32.351	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements	S5													6.0.0	7.0.1	
32.352	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information Service (IS)	S5													6.3.0	7.0.0	
32.353	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5													6.4.0	7.0.0	
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	7.0.0	
32.362	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information Service (IS)	S5													6.4.0	7.0.0	
32.363	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5													6.4.0	7.0.0	
32.365	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); eXtensible Markup Language (XML) definitions	S5														7.0.0	
32.371	Telecommunication management; Security Management concept and requirements	S5													6.2.0	7.2.0	
32.372	Telecommunication management; Security services for Integration Reference Point (IRP): Information Service (IS)	S5														7.0.0	
32.373	Telecommunication management; Security services for Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution	S5														7.0.0	

32.375	Telecommunication management; Security services for Integration Reference Point (IRP): File integrity solution	S5														7.0.0	
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32.381	Telecommunication management; Partial Suspension of Itf-N Integration Reference Point (IRP): Requirements	S5														7.0.0	
32.382	Telecommunication management; Partial Suspension of Itf-N Integration Reference Point (IRP): Information Service (IS)	S5														7.0.0	
32.383	Telecommunication management; Security Services for Integration Reference Points (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5														7.0.0	
32.385	Telecommunication management; Partial Suspension of Itf-N Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition	S5														7.0.0	
32.391	Telecommunication management; Delta synchronization Integration Reference Point (IRP): Requirements	S5														7.0.0	
32.392	Telecommunication management; Delta synchronization Integration Reference Point (IRP): Information Service (IS)	S5														7.1.0	
32.393	Telecommunication management; Delta synchronization Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5														7.0.0	
32.395	Telecommunication management; Delta synchronization Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition	S5														7.0.0	
32.401	Telecommunication management; Performance Management (PM); Concept and requirements	S5											4.5.0	5.5.0	6.4.1	7.0.0	
32.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM <i>spec withdrawn</i>	S5											2.0.0				
32.403	Telecommunication management;	S5											4.10.0	5.12.0	6.9.0	7.1.0	

	Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM																
32.404	Telecommunication management; Performance Management (PM); Performance measurements - Definitions and template	S5														7.3.0	
32.405	Telecommunication management; Performance Management (PM); Performance measurements Universal Terrestrial Radio Access Network (UTRAN)	S5														7.5.0	
32.406	Telecommunication management; Performance Management (PM); Performance measurements Core Network (CN) Packet Switched (PS) domain	S5														7.1.0	
32.407	Telecommunication management; Performance Management (PM); Performance measurements Core Network (CN) Circuit Switched (CS) domain	S5														7.1.0	
32.408	Telecommunication management; Performance Management (PM); Performance measurements Teleservice	S5														7.2.0	
32.409	Telecommunication management; Performance Management (PM); Performance measurements IP Multimedia Subsystem (IMS)	S5														7.0.0	
32.411	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements	S5													6.3.0	7.0.0	
32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS)	S5													6.9.0	7.0.0	
32.413	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5													6.9.0	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
32.414	Telecommunication management;	S5													6.1.0		

	Performance Management (PM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)																
32.415	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); eXtensible Markup Language (XML) definitions	S5														7.0.1	
32.421	Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements	S5													6.7.0	7.2.0	
32.422	Telecommunication management; Subscriber and equipment trace; Trace control and configuration management	S5													6.5.0	7.2.0	
32.423	Telecommunication management; Subscriber and equipment trace; Trace data definition and management	S5													6.6.0	7.4.0	
32.431	Telecommunication management; Performance measurement collection Integration Reference Point (IRP); Requirements spec withdrawn	S5													1.0.0		
32.432	Telecommunication management; Performance measurement: File format definition	S5													6.1.0	7.0.0	
32.435	Telecommunication management; Performance measurement: eXtensible Markup Language (XML) file format definition	S5													6.2.0	7.2.0	
32.436	Telecommunication management; Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition	S5													6.1.0	7.0.0	
32.441	Telecommunication management; Trace Management Integration Reference Point (IRP): Requirements	S5														7.0.0	
32.442	Telecommunication management; Trace Management Integration Reference Point (IRP): Information Service (IS)	S5														7.0.0	
32.443	Telecommunication management; Trace Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)	S5														7.0.0	

	Solution Set (SS)																
32.445	Telecommunication management; Trace Management Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition	S5														7.0.0	
32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements	S5										4.0.0	5.0.1	6.0.0	7.0.0		
32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements	S5										4.0.0	5.0.1	6.1.1	7.2.0		
32.601-1	Telecommunication management; Configuration Management (CM); Part 1: Basic CM Integration Reference Point (IRP): requirements spec withdrawn	S5										2.0.0					
32.601-2	Telecommunication management; Configuration Management (CM); Part 2: Basic CM Integration Reference Point (IRP) information model spec withdrawn	S5										2.0.0					
32.601-3	Telecommunication management; Configuration Management (CM); Part 3: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set spec withdrawn	S5										2.0.0					
32.601-4	Telecommunication management; Configuration Management (CM); Part 4: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set spec withdrawn	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	7.0.0		
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
32.602-1	Telecommunication management; Configuration Management (CM); CMt: Bulk CM Integration Reference Point (IRP) requirements spec withdrawn	S5											2.0.0				
32.602-2	Telecommunication	S5											2.0.0				

	management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Information service spec withdrawn																
32.602-3	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set spec withdrawn	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 spec withdrawn	S5											2.0.0				
32.602-5	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): XML file format definition spec withdrawn	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	6.4.0	7.0.0	
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		
32.607	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): SOAP Solution Set (SS)	S5													0.2.1	7.0.3	
32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements	S5											4.0.0	5.1.1	6.1.1	7.0.0	
32.612	Telecommunication management; Configuration Management (CM);	S5											4.6.0	5.5.0	6.5.0	7.2.0	

	Bulk CM Integration Reference Point (IRP): Information Service (IS)															
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	6.3.0	7.0.0	
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	5.6.0	6.3.1	7.1.0	
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 withdrawn</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 withdrawn</i>	S5										2.0.0				
32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration	S5										4.0.0	5.0.0	6.0.0	7.0.0	

	Reference Point (IRP); Requirements																
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				
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				
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
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	6.7.1	7.0.0	
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	S5											2.0.0				

	Point (IRP): Common Object Request Broker Architecture (CORBA) solution set spec withdrawn																
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	6.5.0	7.0.0		
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 withdrawn	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 withdrawn	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	6.2.0			

32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5												5.5.0	6.7.0	7.0.0	
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	7.1.0	
32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5											4.4.0	5.9.0	6.6.1	7.2.0	
32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5											4.1.0	5.3.0	6.6.0	7.2.0	
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	6.2.0		
32.635	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5												5.5.0	6.6.0	7.2.0	
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	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
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	6.7.0	7.2.0	
32.643	Telecommunication management; Configuration	S5											4.4.0	5.5.0	6.7.0	7.2.0	

	Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)																
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	6.3.0		
32.645	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5												5.7.0	6.8.0	7.2.0	
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	7.0.0	
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	6.2.1	7.0.0	
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	6.1.0	7.0.0	
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	6.1.0		
32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5												5.6.0	6.2.0	7.0.0	
32.661	Telecommunication management; Configuration Management (CM);	S5												5.1.0	6.2.1	7.0.0	

	Kernel CM; Requirements																
32.662	Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)	S5												5.2.0	6.6.0	7.0.0	
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	6.7.0	7.0.0	
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		
32.665	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions	S5														7.0.2	
32.667	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): SOAP Solution Set (SS)	S5													0.2.1	7.0.2	
32.671	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements	S5												5.0.0	6.0.0	7.0.0	
32.672	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information Service (IS)	S5												5.0.0	6.1.0	7.0.0	
32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5												5.3.0	6.4.0	7.0.0	
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													6.2.0	7.0.2	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
32.681	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements spec withdrawn	S5													1.0.0		
32.690	Telecommunication management; Inventory Management (IM): Requirements	S5													6.1.0	7.0.0	
32.691	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements	S5												5.0.1	6.0.1	7.0.0	
32.692	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5												5.0.1	6.4.0	7.0.0	
32.695	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Bulk Configuration Management (CM) eXtensible Markup Language (XML) file format definition	S5													6.1.0	7.0.0	
32.711	Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements	S5													6.0.0	7.0.0	
32.712	Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)	S5													6.0.0	7.0.0	
32.713	Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5													6.2.0	7.0.0	

32.714	Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5													6.0.0		
32.715	Telecommunication management; Configuration Management (CM) Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5													6.1.0	7.0.0	
32.721	Telecommunication management; Configuration Management (CM); Repeater network resources Integration Reference Point (IRP): Requirements	S5														7.1.0	
32.722	Telecommunication management; Configuration Management (CM); Repeater network resources Integration Reference Point (IRP): information Service (IS)	S5														7.0.0	
32.723	Telecommunication management; Configuration Management (CM); Repeater network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5														7.0.0	
32.725	Telecommunication management; Configuration Management (CM); Repeater network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5														7.0.0	
32.731	Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements	S5														7.0.0	
32.732	Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)	S5														7.2.0	
32.733	Telecommunication management; IP	S5														7.2.0	

	Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)																
32.735	Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition	S5														7.2.0	
32.741	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Requirements	S5													6.0.0	7.1.0	
32.742	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)	S5													6.3.0	7.0.1	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
32.743	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5													6.3.0	7.1.1	
32.744	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5													6.1.0		
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	S5													6.3.0	7.0.1	

	(XML) file format definition																
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													6.2.0		
32.805	Telecommunication management; Process guide; Backward compatibility recommendations	S5													6.0.0		
32.806	Telecommunication management; Application guide for use of Integration Reference Points (IRPs) on peer-to-peer (p2p) interface	S5														7.0.0	
32.807	Telecommunication management; Project scheduling and open issues for SA5, Release 7 spec withdrawn	S5														0.0.3	
32.808	Telecommunication management; Study of Common Profile Storage (CPS) Framework of User Data for network services and management	S5														2.0.0	8.0.0
32.809	Telecommunication management; Feasibility study of XML-based (SOAP/HTTP) IRP solution sets	S5														7.0.0	
32.810	Telecommunication management; Information model Integration Reference Point (IRP) Study	S5														7.0.0	
32.811	Telecommunication management; Itf-N performance criteria: Requirements	S5														7.0.0	
32.812	Telecommunication management; Itf-N Implementation Conformance Statement (ICS) template	S5														7.0.0	
32.814	Telecommunication management; UTRAN and GERAN Key Performance Indicators (KPI)	S5														7.0.0	
32.815	Telecommunication management; Charging management; Online Charging System (OCS) architecture	S5													6.1.0		

	study																
32.816	Telecommunication management; Study on management of Long Term Evolution (LTE) and System Architecture Evolution (SAE)	S5															1.0.0
32.818	Telecommunication management; Study on 3GPP SA5 / MTOSI XML harmonization	S5															1.1.0
32.820	Telecommunication management; Charging management; 3GPP System Architecture Evolution (SAE): Charging aspects	S5															0.3.0
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
32.821	Telecommunication management; Study of Self-Organising Networks (SON) related OAM Interfaces for Home NodeB	S5															0.1.1
33.102	3G security; Security architecture	S3									3.13.0		4.5.0	5.7.0	6.5.0	7.1.0	
33.103	3G security; Integration guidelines	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	7.0.0	
33.106	Lawful interception requirements	S3									3.1.0		4.0.0	5.1.0	6.1.0	7.0.1	
33.107	3G security; Lawful interception architecture and functions	S3									3.5.0		4.3.0	5.6.0	6.6.0	7.6.0	8.0.0
33.108	3G security; Handover interface for Lawful Interception (LI)	S3												5.9.1	6.10.0	7.8.0	8.0.0
33.109	Bootstrapping of application security using AKA and support for subscriber certificates; System description spec withdrawn	S3													0.3.0		
33.110	Key establishment between a UICC and a terminal	S3														7.2.0	
33.120	Security Objectives and Principles	S3									3.0.0		4.0.0				
33.141	Presence service; Security	S3													6.2.0	7.1.0	
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	7.0.0	
33.203	3G security; Access security for IP-based services	S3												5.11.0	6.10.0	7.6.0	
33.204	3G Security; Network Domain Security (NDS); Transaction Capabilities Application Part (TCAP) user security	S3														7.2.0	
33.20U	Security principles for the UMTS spec withdrawn	-				3.0.0											
33.210	3G security; Network Domain Security (NDS); IP network	S3												5.5.0	6.6.0	7.2.0	

	layer security																
33.21U	Security requirements <i>spec withdrawn</i>	-				3.0.0											
33.220	Generic Authentication Architecture (GAA); Generic bootstrapping architecture	S3													6.13.0	7.8.0	8.0.0
33.221	Generic Authentication Architecture (GAA); Support for subscriber certificates	S3													6.4.0	7.0.0	
33.222	Generic Authentication Architecture (GAA); Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS)	S3													6.6.0	7.2.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
33.223	Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) Push function	S3														0.5.0	
33.234	3G security; Wireless Local Area Network (WLAN) interworking security	S3													6.9.0	7.5.0	
33.246	3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)	S3													6.11.0	7.4.0	
33.259	Key establishment between a UICC hosting device and a remote device	S3														7.0.0	
33.310	Network domain security; Authentication framework (NDS/AF)	S3													6.2.0	7.1.0	8.1.0
33.800	Principles for Network Domain Security <i>spec withdrawn</i>	S3											0.3.5				
33.801	Access security review	S3														1.0.0	
33.802	Feasibility study on IMS security extensions	S3														0.2.0	
33.803	Coexistence between TISPN and 3GPP authentication schemes	S3														7.0.0	
33.810	3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution	S3													6.0.0		
33.817	Feasibility study on (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces	S3													6.1.0		
33.821	Rationale and track of security decisions in Long Term Evolved (LTE) RAN / 3GPP System Architecture Evolution (SAE)	S3															0.3.0
33.828	Feasibility study on IP Multimedia Subsystem (IMS) security extensions	S3														0.2.0	

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33.878	Security aspects of early IMS <i>spec withdrawn</i>	S3													1.0.0		
33.900	Guide to 3G security	S3									1.2.0			0.4.1			
33.901	Criteria for cryptographic Algorithm design process	S3									3.0.0		4.0.0				
33.902	Formal Analysis of the 3G Authentication Protocol	S3									3.1.0		4.0.0				
33.904	Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms <i>spec withdrawn</i>	S3											2.0.0				
33.905	Recommendations for Trusted Open Platforms	S3														7.0.0	
33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms	S3									3.0.0		4.0.0				
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
33.909	3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions	S3									3.0.0		4.0.1				
33.917	(Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces <i>spec withdrawn</i>	S3													0.7.3		
33.918	Generic Authentication Architecture (GAA); Early implementation of Hypertext Transfer Protocol over Transport Layer Security (HTTPS) connection between a Universal Integrated Circuit Card (UICC) and a Network Application Function (NAF)	S3														7.0.0	
33.919	3G Security; Generic Authentication Architecture (GAA); System description	S3													6.2.0	7.2.0	
33.920	SIM card based Generic Bootstrapping Architecture (GBA); Early implementation feature	S3														7.2.0	
33.922	Security aspects for inter-access mobility between non 3GPP and 3GPP access network	S3															0.0.3
33.923	Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) Push function <i>spec withdrawn</i>	S3														0.0.1	
33.941	Presence service;	S3													0.6.0		

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	Security																
33.978	Security aspects of early IP Multimedia Subsystem (IMS)	S3													6.6.0	7.0.0	
33.980	Liberty Alliance and 3GPP security interworking; Interworking of Liberty Alliance Identity Federation Framework (ID-FF), Identity Web Services Framework (ID-WSF) and Generic Authentication Architecture (GAA)	S3														7.5.0	
34.01U	Application integration and application programming interfaces <i>spec withdrawn</i>	SP				0.0.0											
34.108	Common test environments for User Equipment (UE); Conformance testing	R5									3.16.0		4.11.0	5.6.0	6.6.0	7.1.0	
34.109	Terminal logical test interface; Special conformance testing functions	R2									3.10.0		4.6.0	5.5.0	6.4.0	7.2.0	
34.121	Terminal conformance specification, Radio transmission and reception (FDD)	R5									3.14.0		4.1.0	5.7.0	6.4.0		
34.121-1	User Equipment (UE) conformance specification; Radio transmission and reception (FDD); Part 1:	R5														7.5.0	
34.121-2	User Equipment (UE) conformance specification; Radio transmission and reception (FDD); Part 2: Implementation Conformance Statement (ICS)	R5														7.5.0	
34.122	Terminal conformance specification, Radio transmission and reception (TDD)	R5									3.12.0		4.10.0	5.7.0	6.0.0	7.1.0	
34.123-1	User Equipment (UE) conformance specification; Part 1: Protocol conformance specification	R5									3.5.0		4.3.0	5.13.1	6.7.0	7.0.0	
34.123-2	User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification	R5									3.5.0		4.3.0	5.13.0	6.7.0	7.0.0	
34.123-3	User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)	R5									3.9.0		4.0.0	5.6.0	6.3.0		
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
34.124	Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment	R4									3.4.0		4.2.0	5.4.0	6.2.0	7.5.0	
34.131	Test Specification for C-language binding to (Universal) Subscriber Interface Module ((U)SIM) Application Programming Interface	C6													6.0.1	7.0.0	

	(API)																
34.171	Terminal conformance specification; Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)	R5													6.6.0	7.0.1	
34.229-1	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Part 1: Protocol conformance specification	R5												5.2.0	6.2.0		
34.229-2	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Part 2: Implementation Conformance Statement (ICS) specification	R5												5.2.0	6.2.0		
34.229-3	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Part 3: Abstract test suite (ATS)	R5												5.1.0			
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												5.2.0			
34.907	Report on electrical safety requirements and regulations	R4									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	R4									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	7.0.0	
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												5.0.0			
35.10U	UMTS Terminal aspects; Man Machine Interface (MMI) <i>spec withdrawn</i>	SP					0.0.0										
35.201	Specification of the 3GPP confidentiality and integrity	S3									3.2.0		4.1.0	5.0.0	6.1.0	7.0.0	

	algorithms; Document 1: f8 and f9 specification																
35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi specification	S3									3.1.2		4.0.0	5.0.0	6.1.0	7.0.0	
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	7.0.0	
35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	S3									3.1.2		4.0.0	5.0.0	6.0.0	7.0.0	
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*; Document 1: General	S3									3.0.0		4.0.0	5.0.0	6.0.0	7.0.0	
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*; Document 2: Algorithm specification	S3									3.0.0		4.0.0	5.1.0	6.0.0	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 3: Implementors' test data	S3									3.0.0		4.0.0	5.0.0	6.0.0	7.0.0	
35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 4: Design conformance test data	S3									3.0.0		4.0.0	5.0.0	6.0.0	7.0.0	
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						
35.215	Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 1:	S3														7.0.0	

	UEA2 and UIA2 specifications																
35.216	Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 2: SNOW 3G specification	S3														7.0.0	
35.217	Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 3: Implementors' test data	S3														7.0.0	
35.218	Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 4: Design conformance test data	S3														7.0.0	
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 and evaluation	S3										4.0.0	5.0.0	6.0.0	7.0.0		
35.919	Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 5: Design and evaluation report	S3														7.0.0	
36.201	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer; General description	R1															1.2.0
36.211	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation	R1															1.3.1
36.212	Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding	R1															1.3.1
36.213	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures	R1															1.2.0
36.214	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer; Measurements	R1															1.1.1
36.300	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRAN); Overall description; Stage 2	R2															8.1.0
36.302	Evolved Universal Terrestrial Radio Access (E-UTRA); Services provided by the physical layer	R2															0.1.0
36.322	Evolved Universal Terrestrial Radio	R2															0.1.3

	Access (E-UTRA); Radio Link Control (RLC) protocol specification																
36.323	Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification	R2															0.0.1
36.401	Evolved Universal Terrestrial Radio Access Network (E- UTRAN); Architecture description	R3															0.0.2
36.410	Evolved Universal Terrestrial Radio Access Network (E- UTRAN); S1 general aspects and principles	R3															0.1.0
Spec no.	Title	WG	Ph1	Ph1- DCS	Ph1- EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
36.411	Evolved Universal Terrestrial Radio Access Network (E- UTRAN); S1 layer 1	R3															0.0.2
36.412	Evolved Universal Terrestrial Radio Access Network (E- UTRAN); S1 signalling transport	R3															0.0.1
36.413	Evolved Universal Terrestrial Access (E- UTRA) and Evolved Universal Terrestrial Access Network (E- UTRAN) ; S1 Application Protocol (S1 AP)	R3															0.2.0
36.414	Evolved Universal Terrestrial Radio Access Network (E- UTRAN); S1 data transport	R3															0.0.1
36.420	Evolved Universal Terrestrial Radio Access Network (E- UTRAN); X2 general aspects and principles	R3															0.1.0
36.421	Evolved Universal Terrestrial Radio Access Network (E- UTRAN); X2 layer 1	R3															0.0.1
36.422	Evolved Universal Terrestrial Radio Access Network (E- UTRAN); X2 signalling transport	R3															0.0.0
36.423	Evolved Universal Terrestrial Radio Access Network (E- UTRAN); X2 Application Protocol (X2AP)	R3															0.2.0
36.801	Evolved Universal Terrestrial Radio Access (E-UTRA); Measurement Requirements	R4															0.0.1
36.803	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception	R4															0.4.0
36.804	Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and	R4															0.6.1

	reception																
36.938	Improved network controlled mobility between LTE and 3GPP2/mobile WiMAX radio technologies	R4															0.2.0
36.942	Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Frequency (RF) system scenarios	R4															1.2.0
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	7.0.0	
41.033	Lawful Interception requirements for GSM	S3											4.0.1	5.0.0	6.0.0	7.0.0	
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											4.16.0	5.12.0	6.9.0		
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			
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
42.009	Security aspects	S3											4.1.0				
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											4.1.0	5.1.0			
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	7.0.0	
42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1											4.0.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
42.068	Voice Group Call Service (VGCS); Stage 1	S1											4.2.0	5.1.0	6.1.0	7.8.0	8.4.0
42.069	Voice Broadcast Service (VBS); Stage 1	S1											4.2.0	5.1.0	6.1.0	7.0.0	8.0.0
	Technical performance	CP											4.0.0	5.0.0	6.0.0	7.0.0	

43.005	objectives																
43.010	GSM Public Land Mobile Network (PLMN) connection types	C3											4.2.0	5.2.0	6.0.0	7.0.0	
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											4.3.0	5.2.0	6.4.0	7.0.0	
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	7.2.0	
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											4.1.0	5.2.0	6.1.0		
43.031	Fraud Information Gathering System (FIGS); Service description; Stage 2 <i>spec withdrawn</i>	S3											4.0.0	5.0.0			
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
43.033	3G security; Lawful Interception; Stage 2	S3											4.0.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
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	7.0.0	
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	6.15.0	7.5.0	
43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4											4.0.0	5.0.0	6.0.0	7.0.0	
43.059	Functional stage 2 description of Location Services (LCS) in GERAN	G1											4.7.0	5.5.0	6.6.0	7.3.0	
	Packet Data on	N1											4.0.0				

43.063	Signalling channels service (PDS) Service description; Stage 2 <i>spec withdrawn</i>																
43.064	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2	G1											4.5.0	5.3.0	6.11.0	7.5.0	
43.068	Voice Group Call Service (VGCS); Stage 2	C1											4.6.0	5.6.0	6.8.0	7.8.0	8.1.0
43.069	Voice Broadcast service (VBS); Stage 2	C1											4.5.0	5.5.0	6.5.0	7.6.0	
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 (SoLSA); Stage 2	C4											4.0.0	5.0.0	6.0.0	7.0.0	
43.129	Packed-switched handover for GERAN A/Gb mode; Stage 2	G1													6.12.0	7.2.0	
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													6.10.0	7.3.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
43.318	Generic access to the A/Gb interface; Stage 2	G1													6.9.0	7.2.0	
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		
43.902	Enhanced Generic Access Networks (EGAN) study	G2															1.3.1
43.930	Iur-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														0.4.0	
44.001	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	C1											4.1.0	5.0.0	6.0.0	7.0.0	
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	6.1.0		
44.005	Data Link (DL) Layer General Aspects	G2											4.0.0	5.0.1	6.1.0	7.0.0	
44.006	Mobile Station - Base Stations System (MS - BSS) interface Data Link (DL) layer specification	G2											4.1.1	5.0.1	6.6.0	7.0.0	
44.008	Mobile radio interface layer 3 specification <i>spec withdrawn</i>	N1											4.0.0				

44.012	Short Message Service (SMS) 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	7.0.0	
44.014	Individual equipment type requirements and interworking; Special conformance testing functions	G2											4.4.0	5.3.0	6.4.0	7.2.0	
44.018	Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol	G2											4.23.0	5.22.0	6.21.0	7.9.0	
44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	C3											4.1.0	5.2.0	6.0.0	7.0.0	
44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)	G2											4.14.0	5.14.0	6.9.0	7.5.0	
44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods	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	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
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	7.0.0	
44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control / Medium Access Control (RLC/MAC) protocol	G2											4.23.0	5.19.0	6.22.0	7.9.0	
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	6.2.0	7.1.0	
44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP)	C1											4.3.0	5.2.0	6.6.0	7.0.0	
44.068	Group Call Control (GCC) Protocol	C1											4.3.0	5.0.1	6.0.0	7.2.0	
44.069	Broadcast Call Control (BCC) protocol	C1											4.3.0	5.0.0	6.0.0	7.0.0	

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; Iu mode	G2												5.11.0	6.4.1	7.2.0	
44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu mode	G2												5.8.0	6.5.0		
44.318	Generic Access (GA) to the A/Gb interface; Mobile GA interface layer 3 specification	G2													6.9.0	7.3.0	
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 <i>spec withdrawn</i>	G2													1.3.0		
45.001	Physical layer on the radio path; General description	G1											4.5.0	5.9.0	6.8.0	7.4.0	
45.002	Multiplexing and multiple access on the radio path	G1											4.8.0	5.13.0	6.12.0	7.4.0	
45.003	Channel coding	G1											4.4.0	5.14.0	6.9.0	7.1.0	
45.004	Modulation	G1											4.2.0	5.1.1	6.0.0		
45.005	Radio transmission and reception	G1											4.18.0	5.14.0	6.14.0	7.10.0	
45.008	Radio subsystem link control	G1											4.17.0	5.22.0	6.19.0	7.8.0	
45.009	Link adaptation	G1											4.3.0	5.6.0	6.2.0		
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
45.010	Radio subsystem synchronization	G1											4.5.0	5.3.0	6.6.0	7.1.0	
45.015	Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines	G1											4.1.0	5.2.0	6.1.0		
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	7.0.0	
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 GPRS	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		
45.912	Feasibility study for evolved GSM/EDGE Radio Access Network	GP														7.2.0	

	(GERAN)																
46.001	Full rate speech; Processing functions	S4											4.0.0	5.0.0	6.0.0	7.0.0	
46.002	Half rate speech; Half rate speech processing functions	S4											4.0.0	5.0.0	6.0.0	7.0.0	
46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec	S4											4.0.0	5.0.0	6.0.0	7.0.0	
46.007	Half rate speech; Test sequences for the GSM half rate speech codec	S4											4.0.0	5.0.0	6.0.0	7.0.0	
46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4											4.0.0	5.0.0	6.0.0	7.0.0	
46.010	Full-rate speech; Transcoding	S4											4.1.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
46.012	Full rate speech; Comfort noise aspect for full rate speech traffic channels	S4											4.1.0	5.0.0	6.0.0	7.0.0	
46.020	Half rate speech; Half rate speech transcoding	S4											4.0.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
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	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
46.031	Full rate speech; Discontinuous Transmission (DTX) for full rate speech traffic channels	S4											4.0.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
46.041	Half rate speech; Discontinuous Transmission (DTX) for half rate speech traffic channels	S4											4.0.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
46.051	Enhanced Full Rate (EFR) speech processing functions; General description	S4											4.0.0	5.0.0	6.0.0	7.0.0	
46.053	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec	S4											4.0.0	5.0.0	6.0.0	7.0.0	
46.054	Test sequences for the GSM Enhanced Full Rate (EFR) speech codec	S4											4.0.0	5.0.0	6.0.0	7.0.0	
46.055	Performance characterization of the GSM Enhanced Full Rate (EFR) speech	S4											4.0.0	5.0.0	6.0.0	7.0.0	

	codec																
46.060	Enhanced Full Rate (EFR) speech transcoding	S4											4.0.0	5.0.0	6.0.0	7.0.0	
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	7.0.0	
46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4											4.0.0	5.0.0	6.0.0	7.0.0	
46.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report	S4											4.0.1	5.0.0	6.0.0	7.0.0	
46.081	Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels	S4											4.0.0	5.0.0	6.0.0	7.0.0	
46.082	Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels	S4											4.0.0	5.0.0	6.0.0	7.0.1	
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 operation	S4											4.0.0	5.0.0	6.0.0	7.0.0	
48.001	Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; General aspects	G2											4.0.0	5.0.1	6.0.0	7.0.0	
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	7.2.0	
48.008	Mobile Switching Centre - Base Station system (MSC-BSS) interface; Layer 3 specification	G2											4.10.0	5.12.0	6.11.0	7.10.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb interface Layer 1	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	6.5.0	7.3.0	
48.018	General Packet Radio Service (GPRS); Base Station System (BSS) -	G2											4.7.0	5.14.0	6.18.0	7.10.0	

	Serving GPRS Support Node (SGSN); BSS GPRS protocol (BSSGP)																
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	7.0.0		
48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP 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 (BCS-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			
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	6.8.0	7.2.0		
49.001	General network interworking scenarios	C4										4.0.2	5.0.1	6.0.1	7.0.0		
49.008	Application of the Base Station System Application Part (BSSAP) on the E-Interface	C1										4.1.0	5.1.0	6.1.0	7.0.0		
49.031	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)	G2										4.4.0	5.4.0	6.5.0	7.3.0		
49.995	General Packet Radio Service (GPRS); Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles	G1										4.0.0	5.0.0	6.0.0			
50.056	Project scheduling and open issues: GSM Cordless Telephony	S2										4.0.0					

	System CTS, Phase 1 <i>spec withdrawn</i>																
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	0.54.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
51.010-1	Mobile Station (MS) conformance specification; Part 1: Conformance specification	G3new											4.10.0	5.11.0	6.6.0	7.6.0	
51.010-2	Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	G3new											4.7.0	5.11.0	6.6.0	7.6.0	
51.010-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G3new											4.8.0	5.4.0	6.3.0		
51.010-4	Mobile Station (MS) conformance specification; Part 4: Subscriber Identity Module (SIM) application toolkit conformance test specification	C6											4.5.0				
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	6.6.0	7.6.0	
51.010-6	Mobile Station (MS) conformance specification; Part 6: Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification	G3new													0.0.1		
51.011	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	C6											4.15.0	5.0.0			
51.013	Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card	C6											4.2.0	5.6.1			
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											4.2.0				
51.021	Base Station System (BSS) equipment specification; Radio aspects	G1											4.5.0	5.4.0	6.3.0	7.1.0	
51.026	Base Station System (BSS) equipment specification; Part 4:	G1											4.0.0	5.0.0	6.1.0		

	Repeaters																
52.008	Telecommunication management; GSM subscriber and equipment trace	S5													6.0.0	7.0.0	
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	6.1.0	7.0.0	
55.205	Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8	S3													6.2.0	7.0.0	
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 specification	S3													6.2.0	7.0.0	
55.217	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data	S3													6.1.0	7.0.0	
55.218	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data	S3													6.1.0	7.0.0	
Spec no.	Title	WG	Ph1	Ph1-DCS	Ph1-EXT	UMTS	Ph2	R96	R97	R98	R99	R00	Rel-4	Rel-5	Rel-6	Rel-7	Rel-8
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 specification	S3													1.0.0		
55.236	Specification of A8_V MILENAGE Algorithm: An example algorithm for the key generation function A8_V	S3													6.1.0	7.0.0	
55.919	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report	S3													6.1.0	7.0.0	