

Meeting #26, Athens, Greece

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**3GPP TSG-CN  
3GPP TSG-RAN  
3GPP TSG-T****Tdoc NP-040571  
Tdoc RP-040500  
Tdoc TP-040248****Meeting #26, Vouliagmeni (Athens), Greece, December 2004**

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

**Document for:** **decision**

The table in the attached Excel file shows a comparison of the specs which exist in each (recent) Release of the 3GPP systems (GERAN-based and UTRAN-based). The Support Team recommends that, at the time Release 6 is functionally frozen, the specs highlighted in yellow be upgraded with no technical change to version 6.0.0. Delegates are reminded that, in order to maintain integrity of referencing, a spec which is valid in a given Release must exist in that Release. Any spec which is referenced from any other spec in a given Release must have a version pertaining to that Release. Delegates are also reminded that an explicit decision of the responsible TSG is required for the upgrade to happen. (Once that decision is taken, the upgrade is handled by the Support Team, and requires no CR, since no technical changes are introduced.)

In addition, a few specs which were not upgraded in earlier Releases are highlighted:

31.120	(T3) *	
31.121	(T3) *	
31.122	(T3) *	
34.123-3	(T1) *	
51.010-4	(T3) *	[spec not yet under change control at R99 (11.10-4)]
51.010-5	(G3new)	[spec not yet under change control at Rel-5]

Those marked with an asterisk are test specs for which the later Release tests have not yet been written. It is anticipated that these specs will eventually exist for all Releases. The TSGs are asked to consider that the specs in the above list also be upgraded.

Furthermore, the following specs:

35.205	(S3)
35.206	(S3)
35.207	(S3)
35.208	(S3)
35.909	(S3)

exist only at Rel-4 onwards but are believed to be valid also for Release 99; and

55.205	(S3)
55.216	(S3)
55.217	(S3)
55.218	(S3)
55.919	(S3)

exist only at Rel-6 but are believed to be valid for all Releases back to 99. It is proposed that "pointer" specs be created in the earlier Releases which reference the latest Release.

Finally

51.010-5 (G3new) [spec not yet under change control at Rel-5]

will presumably eventually need to be "downgraded" for applicability at Rel-4. Indeed, it may also be desirable to create an R99 version i.e. 11.10-5; it is proposed that the need for this is considered in GERAN.

The attached Excel table is copied from the 3GPP web site page <http://www.3gpp.org/ftp/Specs/html-info/SpecReleaseMatrix.htm> which is regularly updated. The (Excel version of the) table can be filtered by WG, so that the specs belonging to each WG can be easily identified and individually considered as candidates for upgrade to Rel-6.

This is an updated version of the document seen at TSGs#25, and already reflects the recommendations of many WGs. Specs highlighted in grey are those which the responsible WG has declared should *not* be upgraded to Rel-6. Approximately 250 specs are involved.

.	Title	WG	R97	R98	R99	Rel-4	Rel-5	Rel-6	Rel-7
<a href="#">00.01U</a>	Work programme for the standarization of Universal Mobile Telecommunications System (UMTS) <i>spec withdrawn</i>	SMG5							
<a href="#">00.02U</a>	Coordination guideline for SMG on UMTS with respect to ITU and European research programmes <i>spec withdrawn</i>	SMG5							
<a href="#">01.00</a>	Working Procedures for SMG and PT SMG <i>spec withdrawn</i>	SP		7.2.0	8.0.0				
<a href="#">01.01</a>	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP	6.0.0	7.0.0	8.14.0				
<a href="#">01.01U</a>	Universal Mobile Telecommunications System (UMTS); Objectives and overview <i>spec withdrawn</i>	SP							
<a href="#">01.02</a>	General Description of a GSM Public Land Mobile Network (PLMN)	S1	6.0.1						
<a href="#">01.03U</a>	Universal Mobile Telecommunications System (UMTS); System requirements <i>spec withdrawn</i>	SMG5							
<a href="#">01.04</a>	Abbreviations and acronyms	GP	6.0.0	7.0.0	8.0.0				
<a href="#">01.04U</a>	Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS) <i>spec withdrawn</i>	-							
<a href="#">01.05U</a>	System design methodology for the UMTS <i>spec withdrawn</i>	SMG5							
<a href="#">01.31</a>	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	S3		7.0.1	8.0.0				
<a href="#">01.33</a>	Lawful Interception requirements for GSM	S3		7.0.0	8.0.0				
<a href="#">01.48</a>	ISDN-based DECT/GSM interworking; Feasibility study	S1	6.0.1						
<a href="#">01.50</a>	Radio Local Loop (RLL) using GSM <i>spec withdrawn</i>	SMG1							
<a href="#">01.56</a>	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements	S1		7.0.0	8.0.0				
<a href="#">01.60</a>	GPRS requirements	S1	6.0.0						
<a href="#">01.61</a>	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	S3	6.0.1	7.0.0	8.0.0				
<a href="#">02.01</a>	Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)	S1	6.2.0	7.1.0	8.2.1				
<a href="#">02.01U</a>	Framework for services to be supported by UMTS <i>spec withdrawn</i>	-							
<a href="#">02.02</a>	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)	S1	6.1.1	7.0.2	8.0.0				
Spec no.	Title	WG	R97	R98	R99	Rel-4	Rel-5	Rel-6	Rel-7
<a href="#">02.03</a>	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)	S1	6.0.0	7.0.0	8.0.0				
<a href="#">02.04</a>	General on Supplementary Services	S1	6.1.1	7.1.2	8.1.0				
<a href="#">02.05</a>	Simultaneous and Alternate Use of Services <i>spec withdrawn</i>	-							
<a href="#">02.06</a>	Types of Mobile Stations (MS)	S1	6.1.1	7.0.1					
<a href="#">02.06dcs</a>	Types of Mobile Stations (MS) - DCS 1800	S1							
<a href="#">02.07</a>	Mobile Station (MS) Features	S1	6.2.0	7.1.0	8.1.0				

<a href="#">02.08</a>	Quality of Service (QoS) / GSM system performance <i>spec withdrawn</i>	-							
<a href="#">02.09</a>	Security aspects	S3	6.1.1	7.1.1	8.0.1				
<a href="#">02.11</a>	Service accessibility	S1	6.1.0	7.1.0					
<a href="#">02.11dcs</a>	Service accessibility (DCS 1800)	S1							
<a href="#">02.16</a>	International Mobile Station Equipment Identities (IMEI)	S1	6.2.0	7.2.0					
<a href="#">02.17</a>	Subscriber Identity Module (SIM); Functional characteristics	T3	6.0.0	7.1.1	8.0.0				
<a href="#">02.19</a>	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1	T3		7.1.0	8.0.0				
<a href="#">02.20</a>	Collection charges	S1							
<a href="#">02.21</a>	Transferred account procedure and billing information <i>spec withdrawn</i>	S2							
<a href="#">02.22</a>	Stage 1 for personalisation of GSM ME	S1	6.0.0	7.0.0					
<a href="#">02.24</a>	Description of Charge Advice Information (CAI)	S1	6.0.1	7.0.1					
<a href="#">02.30</a>	Man-machine Interface (MMI) of the Mobile Station (MS)	S1	6.1.0	7.1.1					
<a href="#">02.31</a>	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3		7.1.1	8.0.1				
<a href="#">02.32</a>	Immediate Service Termination (IST); Service description; Stage 1	S3		7.1.1	8.0.1				
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">02.33</a>	Lawful Interception (LI); Stage 1	S3		7.3.0	8.0.1				
<a href="#">02.34</a>	High Speed Circuit Switched Data (HSCSD); Stage 1	S1	6.0.0	7.0.0	8.1.0				
<a href="#">02.38</a>	SIM application toolkit (SAT); Stage 1 <i>spec withdrawn</i>	S1							
<a href="#">02.40</a>	Procedures for Call Progress Indications	S1	6.0.0	7.0.1	8.0.0				
<a href="#">02.41</a>	Operator Determined Barring	S1	6.0.0	7.0.0					
<a href="#">02.42</a>	Network Identity and Timezone (NITZ); Service Description, Stage 1	S1	6.0.0	7.0.0	8.0.0				
<a href="#">02.43</a>	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1		7.3.0	8.0.0				
<a href="#">02.48</a>	Security mechanisms for the SIM Application Toolkit; Stage 1	T3	6.0.0	7.0.0	8.0.0				
<a href="#">02.53</a>	Tandem Free Operation (TFO); Service description; Stage 1	S4		7.0.1	8.0.1				
<a href="#">02.56</a>	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	S1		7.2.1	8.0.1				
<a href="#">02.57</a>	Mobile Station Application Execution Environment (MExE) Service description Stage 1	S1		7.1.0	8.0.0				
<a href="#">02.60</a>	General Packet Radio Service Stage 1 Description	S1	6.3.1	7.5.0	8.1.0				
<a href="#">02.63</a>	Packet Data on Signalling channels Service (PDS); Stage 1	S1	6.0.0	7.0.0					
<a href="#">02.66</a>	Support of Mobile Number Portability (MNP); Service description; Stage 1	S1		7.1.0					
<a href="#">02.67</a>	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1	S1	6.1.1	7.0.1					
<a href="#">02.68</a>	Voice Group Call Service (VGCS); Stage 1	S1	6.0.1	7.0.2	8.1.0				
<a href="#">02.69</a>	Voice Broadcast Service (VBS); Stage 1	S1	6.0.1	7.0.2	8.1.0				
<a href="#">02.71</a>	Location Services (LCS); Stage 1	S1		7.3.0					
<a href="#">02.72</a>	Call Deflection Service description; Stage 1	S1		7.2.1					
<a href="#">02.76</a>	Noise Suppression for the AMR	S4			8.0.1				

Spec no.	Title	WG	R97	R98	R99	Rel-4	Rel-5	Rel-6	Rel-7
<a href="#">02.78</a>	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)	S1	6.6.1	7.2.0	8.0.0				
<a href="#">02.79</a>	Support of Optimal Routeing (SOR); Service definition (Stage 1)	S1	6.0.0	7.0.0					
<a href="#">02.81</a>	Line Identification Supplementary Services; Stage 1	S1	6.0.0	7.0.0					
<a href="#">02.82</a>	Call Forwarding (CF) Supplementary Services; Stage 1	S1	6.0.0	7.0.1	8.0.0				
<a href="#">02.83</a>	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1	S1	6.0.0	7.0.0					
<a href="#">02.84</a>	MultiParty (MPTY) Supplementary Services; Stage 1	S1	6.0.0	7.0.0					
<a href="#">02.85</a>	Closed User Group (CUG) Supplementary Services; Stage 1	S1	6.0.0	7.0.0					
<a href="#">02.86</a>	Advice of Charge (AoC) Supplementary Services; Stage 1	S1	6.0.0	7.0.0					
<a href="#">02.87</a>	User-to-User Signalling (UUS) Service Description; Stage 1	S1		7.1.2					
<a href="#">02.88</a>	Call Barring (CB) Supplementary Services; Stage 1	S1	6.0.0	7.0.0					
<a href="#">02.90</a>	Unstructured Supplementary Service Data (USSD); Stage 1	S1	6.0.0	7.0.0	8.0.0				
<a href="#">02.91</a>	Explicit Call Transfer (ECT)	S1	6.0.0	7.0.0					
<a href="#">02.93</a>	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1	S1	6.0.1	7.0.0					
<a href="#">02.94</a>	Follow Me Service description; Stage 1 <i>spec withdrawn</i>	S1			8.0.0				
<a href="#">02.95</a>	Support of Private Numbering Plan (SPNP); Service description; Stage 1	S1	6.0.0	7.0.0	8.0.0				
<a href="#">02.96</a>	Name Identification Supplementary Services; Stage 1	S1	6.0.1	7.0.0					
<a href="#">02.97</a>	Multiple Subscriber Profile (MSP) Service description, Stage 1	S1		7.1.0					
<a href="#">03.01</a>	Network Functions	S2	6.1.0	7.0.0	8.0.0				
<a href="#">03.01U</a>	Framework of network requirements, interworking and integration for the Universal Mobile Telecommunication System <i>spec withdrawn</i>	SP							
<a href="#">03.02</a>	Network Architecture	S2	6.1.0	7.1.0					
Spec no.	Title	WG	R97	R98	R99	Rel-4	Rel-5	Rel-6	Rel-7
<a href="#">03.03</a>	Numbering, Addressing and Identification	N4	6.8.0	7.8.0					
<a href="#">03.04</a>	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers	N4	6.0.0						
<a href="#">03.05</a>	Technical performance objectives	NP	6.0.0	7.0.0	8.0.0				
<a href="#">03.07</a>	Restoration Procedures	N4	6.2.0	7.1.0					
<a href="#">03.08</a>	Organization of Subscriber Data	N4	6.6.0	7.5.0					
<a href="#">03.09</a>	Handover Procedures	N1	6.0.0	7.0.0					
<a href="#">03.10</a>	GSM Public Land Mobile Network (PLMN) Connection Types	N3	6.0.0	7.0.1	8.3.0				
<a href="#">03.11</a>	Technical Realization of Supplementary Services - General Aspects	N4	6.0.1	7.0.1					
<a href="#">03.12</a>	Location Registration Procedures	N4	6.0.0	7.0.0					
<a href="#">03.12dcs</a>	Location Registration Procedures (DCS 1800)	N4							
<a href="#">03.13</a>	Discontinuous Reception (DRX) in the GSM System	G1	6.0.0	7.0.0	8.0.0				
<a href="#">03.14</a>	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System	N1	6.0.0	7.0.1					
<a href="#">03.15</a>	Technical Realization of Operator Determined Barring	N4	6.1.0	7.0.0					

<a href="#">03.16</a>	Subscriber Data Management	N4	6.5.0	7.7.0					
<a href="#">03.17</a>	Technical realization of Exchange of Network Capabilities Information (ENCI); Stage 2 <i>spec withdrawn</i>	-							
<a href="#">03.18</a>	Basic Call Handling	N4	6.8.0	7.5.0					
<a href="#">03.19</a>	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card	T3		7.5.0	8.5.0				
<a href="#">03.20</a>	Security-related network functions	S3	6.1.0	7.2.0	8.1.0				
<a href="#">03.20ext</a>	Security-related network functions (Ext)	S3							
<a href="#">03.22</a>	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1	6.3.0	7.4.0	8.7.0				
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">03.26</a>	Multiband operation of GSM/DCS 1800 by a single operator	G1	6.0.0	7.0.0	8.0.0				
<a href="#">03.30</a>	Radio Network Planning Aspects	GP	6.0.1	7.1.0	8.3.0				
<a href="#">03.31</a>	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3		7.0.0	8.0.0				
<a href="#">03.32</a>	Universal Geographical Area Description (GAD)	S2	6.0.0	7.2.0					
<a href="#">03.33</a>	Lawful Interception; Stage 2	S3		7.2.0	8.1.0				
<a href="#">03.34</a>	High Speed Circuit Switched Data (HSCSD); Stage 2	N1	6.0.0	7.0.0					
<a href="#">03.35</a>	Immediate Service Termination (IST); Stage 2	S3		7.0.1	8.1.0				
<a href="#">03.38</a>	Alphabets and language-specific information	T2	6.0.1	7.2.0					
<a href="#">03.39</a>	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	6.0.0	7.0.0					
<a href="#">03.40</a>	Technical realization of the Short Message Service (SMS)	T2	6.2.0	7.5.0					
<a href="#">03.41</a>	Technical Realization of Short Message Service Cell Broadcast (SMSCB)	T2	6.1.0	7.4.0					
<a href="#">03.42</a>	SMS Compression	T2	6.0.0	7.1.1					
<a href="#">03.43</a>	Support of Videotex	T2	6.0.0	7.0.0	8.0.0				
<a href="#">03.44</a>	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	T2	6.0.0	7.0.0	8.0.0				
<a href="#">03.45</a>	Technical Realization of Facsimile Group 3 Service - transparent	N3	6.0.1	7.0.1	8.0.1				
<a href="#">03.46</a>	Technical Realization of Facsimile Group 3 Service - non transparent	N3	6.0.0	7.0.0	8.0.1				
<a href="#">03.47</a>	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)	T2	6.0.0	7.0.0	8.0.0				
<a href="#">03.48</a>	Security mechanisms for SIM application toolkit; Stage 2	T3	6.2.0	7.0.1	8.8.0				
<a href="#">03.49</a>	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)	T2	6.1.0	7.0.0	8.0.0				
<a href="#">03.50</a>	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4	6.2.1	7.1.1	8.1.1				
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">03.52</a>	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2	G1		7.1.1	8.0.1				
<a href="#">03.53</a>	Tandem Free Operation (TFO); Service description; Stage 2	S4		7.0.1	8.0.0				

<a href="#">03.54</a>	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2	N3	6.0.0	7.0.0					
<a href="#">03.55</a>	Dual Transfer Mode (DTM); Stage 2	G1			8.3.0				
<a href="#">03.56</a>	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2	S2		7.1.1	8.0.0				
<a href="#">03.57</a>	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2	T2		7.2.0					
<a href="#">03.58</a>	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4	6.0.1	7.0.0	8.0.0				
<a href="#">03.59</a>	Location services (LCS) GERAN; Stage 2 <i>spec withdrawn</i>	G1							
<a href="#">03.60</a>	General Packet Radio Service (GPRS); Service description; Stage 2	S2	6.11.0	7.9.0					
<a href="#">03.61</a>	General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2 <i>spec withdrawn</i>	-	0.7.1						
<a href="#">03.63</a>	Packet Data on Signalling channels service (PDS) Service description, Stage 2	N1	6.0.0	7.0.0	8.0.0				
<a href="#">03.64</a>	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2	G1	6.4.0	7.1.0	8.12.0				
<a href="#">03.66</a>	Support of GSM Mobile Number Portability (MNP); Stage 2	N4		7.3.1					
<a href="#">03.67</a>	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4	6.1.0	7.2.0					
<a href="#">03.68</a>	Voice Group Call Service (VGCS); Stage 2	N1	6.4.0	7.3.0	8.4.0				
<a href="#">03.69</a>	Voice Broadcast service (VBS); Stage 2	N1	6.4.0	7.3.0	8.4.0				
<a href="#">03.70</a>	Routeing of Calls to/from Public Data Networks (PDN)	N3	6.0.0	7.0.0					
<a href="#">03.71</a>	Location Services (LCS); Functional description; Stage 2	S2		7.11.0	8.9.0				
<a href="#">03.72</a>	Call Deflection stage 2	N4		7.1.0					
<a href="#">03.73</a>	Support of Localised Service Area (SoLSA); Stage 2	N4		7.2.0	8.0.0				
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">03.78</a>	customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2	N4	6.11.1	7.8.1					
<a href="#">03.79</a>	Support of Optimal Routeing phase 1; Stage 2	N4	6.3.0	7.3.0					
<a href="#">03.81</a>	Line Identification Supplementary Services; Stage 2	N4	6.0.0	7.0.1					
<a href="#">03.82</a>	Call Forwarding (CF) Supplementary Services; Stage 2	N4	6.1.0	7.0.0	8.0.0				
<a href="#">03.83</a>	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2	N4	6.0.0	7.0.0					
<a href="#">03.84</a>	Multi Party (MPTY) Supplementary Services; Stage 2	N4	6.0.0	7.0.0					
<a href="#">03.85</a>	Closed user Group (CUG) Supplementary Services; Stage 2	N4	6.0.0	7.0.0					
<a href="#">03.86</a>	Advice of Charge (AoC) Supplementary Services; Stage 2	N4	6.0.1	7.0.1					
<a href="#">03.87</a>	User-to-user signalling (UUS); Stage 2	N4		7.0.2					
<a href="#">03.88</a>	Call Barring (CB) supplementary services; Stage 2	N4	6.0.0	7.0.0					
<a href="#">03.90</a>	Unstructured Supplementary Service Data (USSD)	N4	6.0.0	7.0.0					
<a href="#">03.91</a>	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	N4	6.0.0	7.0.0					
<a href="#">03.93</a>	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2	N4	6.2.0	7.0.0					
<a href="#">03.96</a>	Name Identification Supplementary Services; Stage 2	N4	6.0.1	7.0.0					
<a href="#">03.97</a>	Multiple subscriber Profile (MSP); Stage 2	N4		7.2.0					

<a href="#">04.01</a>	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1	6.0.0	7.0.0	8.0.0				
<a href="#">04.02</a>	GSM Public Land Mobile Network (PLMN) Access Reference Configuration	N1	6.0.0	7.0.0					
<a href="#">04.03</a>	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2	6.0.0	7.0.0	8.0.2				
<a href="#">04.04</a>	Layer 1 - General Requirements	G2	6.0.0	7.0.0	8.1.2				
<a href="#">04.05</a>	Data Link (DL) Layer General Aspects	G2	6.0.1	7.1.2	8.0.2				
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">04.06</a>	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2	6.2.1	7.2.1	8.2.1				
<a href="#">04.07</a>	Mobile Radio Interface Signalling Layer 3 - General Aspects	N1	6.5.1	7.3.0					
<a href="#">04.08</a>	Mobile radio interface layer 3 specification	N1	6.21.1	7.21.0	8.0.0				
<a href="#">04.08dcs</a>	Mobile radio interface layer 3 specification (DCS 1800)	N1							
<a href="#">04.08ext</a>	Mobile radio interface layer 3 specification, part 1 (Ext)	N1							
<a href="#">04.10</a>	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4	6.0.1	7.1.0					
<a href="#">04.11</a>	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface	N1	6.1.0	7.1.0					
<a href="#">04.12</a>	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface	G2	6.0.1	7.0.1	8.0.0				
<a href="#">04.13</a>	Performance Requirements on Mobile Radio Interface	N1	6.0.1	7.0.1	8.0.1				
<a href="#">04.14</a>	Individual equipment type requirements and interworking; Special conformance testing functions	G2	6.3.1	7.3.0	8.6.0				
<a href="#">04.18</a>	Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol	G2			8.24.0				
<a href="#">04.21</a>	Rate Adaption on the Mobile Station - Base Station System (MS- BSS) Interface	N3	6.1.0	7.1.0	8.3.0				
<a href="#">04.22</a>	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	N3	6.2.0	7.1.0	8.0.0				
<a href="#">04.30</a>	Location Services (LCS); Supplementary service operations; Stage 3	N4		7.3.0					
<a href="#">04.31</a>	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)	G2		7.17.0	8.16.0				
<a href="#">04.35</a>	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods	G2		7.4.0	8.4.1				
<a href="#">04.53</a>	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3 <b>spec withdrawn</b>	-		1.6.0					
<a href="#">04.56</a>	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	N1		7.1.1	8.0.1				
<a href="#">04.57</a>	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	N1		7.0.3	8.0.1				



<a href="#">04.60</a>	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	8.25.0				
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">04.62</a>	General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3 <i>spec withdrawn</i>	-	0.2.0						
<a href="#">04.63</a>	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3	N1	6.0.0	7.0.0	8.0.1				
<a href="#">04.64</a>	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification	N1	6.10.0	7.5.0	8.7.0				
<a href="#">04.65</a>	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDTCP)	N1	6.7.0	7.3.0	8.2.0				
<a href="#">04.67</a>	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4	6.0.1	7.0.1					
<a href="#">04.68</a>	Group Call Control (GCC) Protocol	N1	6.3.0	7.2.0	8.1.0				
<a href="#">04.69</a>	Broadcast Call Control (BCC) protocol	N1	6.3.0	7.2.0	8.1.0				
<a href="#">04.71</a>	Location Services (LCS); Mobile radio interface layer 3 specification	G2		7.5.0	8.4.0				
<a href="#">04.72</a>	Call Deflection (CD) Supplementary Service; Stage 3	N4		7.0.1					
<a href="#">04.80</a>	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding	N4	6.1.2	7.4.1					
<a href="#">04.81</a>	Line Identification Supplementary Services; Stage 3	N4	6.0.1	7.0.1					
<a href="#">04.82</a>	Call Forwarding (CF) Supplementary Services; Stage 3	N4	6.0.1	7.0.2					
<a href="#">04.83</a>	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3	N4	6.0.1	7.0.1					
<a href="#">04.84</a>	Multi Party (MPY) Supplementary Services; Stage 3	N4	6.0.1	7.0.1					
<a href="#">04.85</a>	Closed User Group (CUG) Supplementary Services; Stage 3	N4	6.0.0	7.0.0					
<a href="#">04.86</a>	Advice of Charge (AoC) Supplementary Services; Stage 3	N4	6.0.1	7.0.1					
<a href="#">04.87</a>	User-to-User Signalling (UUS) Supplementary Service; Stage 3	N4		7.0.2					
<a href="#">04.88</a>	Call Barring (CB) Supplementary Services; Stage 3	N4	6.0.1	7.0.0					
<a href="#">04.90</a>	Unstructured Supplementary Service Data (USSD)	N4	6.0.1	7.0.1					
<a href="#">04.91</a>	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4	6.0.1	7.0.1					
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">04.93</a>	Completion of Calls to Busy Subscriber (CCBS); Stage 3	N4	6.1.1	7.0.0					
<a href="#">04.96</a>	Name Identification Supplementary Services; Stage 3	N4	6.0.1	7.0.0					
<a href="#">05.01</a>	Physical Layer on the Radio Path (General Description)	G1	6.1.1	7.2.0	8.9.0				
<a href="#">05.01dcs</a>	Physical Layer on the Radio Path (General Description) (DCS 1800)	G1							
<a href="#">05.01U</a>	Universal Mobile Telecommunications System (UMTS); Objectives and framework for the Telecommunications Management Network (TMN) of the UMTS <i>spec withdrawn</i>	SP							
<a href="#">05.02</a>	Multiplexing and Multiple Access on the Radio Path	G1	6.10.0	7.7.0	8.11.0				
<a href="#">05.03</a>	Channel coding	G1	6.2.1	7.3.1	8.8.0				

<a href="#">05.04</a>	Modulation	G1	<a href="#">6.1.1</a>	<a href="#">7.3.0</a>	<a href="#">8.4.0</a>				
<a href="#">05.05</a>	Radio Transmission and Reception	G1	<a href="#">6.8.0</a>	<a href="#">7.9.0</a>	<a href="#">8.17.0</a>				
<a href="#">05.05dcs</a>	Radio Transmission and Reception (DCS 1800)	G1							
<a href="#">05.08</a>	Radio subsystem link control	G1	<a href="#">6.9.0</a>	<a href="#">7.7.0</a>	<a href="#">8.22.0</a>				
<a href="#">05.08dcs</a>	Radio Subsystem Link Control (DCS 1800)	G1							
<a href="#">05.09</a>	Link adaptation	G1		<a href="#">7.7.0</a>	<a href="#">8.5.0</a>				
<a href="#">05.10</a>	Radio subsystem synchronization	G1	<a href="#">6.7.0</a>	<a href="#">7.4.0</a>	<a href="#">8.12.0</a>				
<a href="#">05.14</a>	Release independent frequency bands; Implementation guidelines	G1	<a href="#">6.2.0</a>	<a href="#">7.2.0</a>					
<a href="#">05.15</a>	Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines	G1			<a href="#">8.0.0</a>				
<a href="#">05.22</a>	Radio link management in hierarchical networks	G1	<a href="#">6.0.0</a>	<a href="#">7.0.0</a>	<a href="#">8.0.0</a>				
<a href="#">05.50</a>	Background for RF Requirements	G1	<a href="#">6.1.0</a>	<a href="#">7.4.0</a>	<a href="#">8.2.0</a>				
<a href="#">05.56</a>	GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem	G1		<a href="#">7.1.1</a>	<a href="#">8.0.1</a>				
<a href="#">05.90</a>	GSM Electromagnetic Compatibility (EMC) considerations	G1	<a href="#">6.0.1</a>	<a href="#">7.0.0</a>					
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">06.01</a>	Full Rate Speech Processing Functions	S4	<a href="#">6.0.1</a>	<a href="#">7.0.2</a>	<a href="#">8.0.1</a>				
<a href="#">06.01U</a>	Universal Mobile Telecommunications System (UMTS); Quality requirements for speech and associated channel coding for the UMTS <i>spec withdrawn</i>	SP							
<a href="#">06.02</a>	Half Rate Speech Processing Functions	S4	<a href="#">6.0.1</a>	<a href="#">7.0.2</a>	<a href="#">8.0.0</a>				
<a href="#">06.02U</a>	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							
<a href="#">06.06</a>	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec	S4	<a href="#">6.0.1</a>	<a href="#">7.0.1</a>	<a href="#">8.0.1</a>				
<a href="#">06.07</a>	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4	<a href="#">6.0.1</a>	<a href="#">7.0.1</a>	<a href="#">8.0.1</a>				
<a href="#">06.08</a>	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4	<a href="#">6.0.0</a>	<a href="#">7.0.0</a>	<a href="#">8.0.0</a>				
<a href="#">06.10</a>	Full Rate Speech Transcoding	S4	<a href="#">6.2.0</a>	<a href="#">7.2.0</a>	<a href="#">8.2.0</a>				
<a href="#">06.11</a>	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4	<a href="#">6.0.1</a>	<a href="#">7.0.1</a>	<a href="#">8.0.1</a>				
<a href="#">06.12</a>	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4	<a href="#">6.1.0</a>	<a href="#">7.1.0</a>	<a href="#">8.1.0</a>				
<a href="#">06.20</a>	Half Rate Speech Transcoding	S4	<a href="#">6.0.1</a>	<a href="#">7.0.1</a>	<a href="#">8.0.1</a>				
<a href="#">06.21</a>	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4	<a href="#">6.0.1</a>	<a href="#">7.0.1</a>	<a href="#">8.0.1</a>				
<a href="#">06.22</a>	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4	<a href="#">6.0.1</a>	<a href="#">7.0.1</a>	<a href="#">8.0.1</a>				
<a href="#">06.31</a>	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4	<a href="#">6.0.1</a>	<a href="#">7.0.1</a>	<a href="#">8.0.1</a>				
<a href="#">06.32</a>	Voice Activity Detection (VAD)	S4	<a href="#">6.0.1</a>	<a href="#">7.0.1</a>	<a href="#">8.0.1</a>				
<a href="#">06.41</a>	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4	<a href="#">6.0.1</a>	<a href="#">7.0.1</a>	<a href="#">8.0.1</a>				
<a href="#">06.42</a>	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4	<a href="#">6.0.1</a>	<a href="#">7.0.1</a>	<a href="#">8.0.1</a>				

<a href="#">06.51</a>	GSM Enhanced full rate speech processing functions: General description	S4	6.2.0	7.2.0	8.2.0				
<a href="#">06.53</a>	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec	S4	6.0.1	7.0.1	8.0.1				
<a href="#">06.54</a>	Test sequences for the GSM Enhanced Full Rate (EFR)	S4	6.2.0	7.2.0	8.2.0				
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">06.55</a>	Performance characterisation of the GSM EFR Speech Codec	S4	6.0.0	7.0.0	8.0.0				
<a href="#">06.60</a>	Enhanced full rate speech transcoding	S4	6.0.1	7.0.2	8.0.1				
<a href="#">06.61</a>	Substitution and muting of lost frames for enhanced full rate speech traffic channels	S4	6.0.1	7.0.1	8.0.1				
<a href="#">06.62</a>	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4	6.0.1	7.0.1	8.0.1				
<a href="#">06.71</a>	Adaptive Multi-Rate speech processing functions; General description	S4		7.0.2					
<a href="#">06.73</a>	Adaptive Multi Rate (AMR) speech; ANSI-C code for the AMR speech codec	S4		7.6.0					
<a href="#">06.74</a>	Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec	S4		7.3.0					
<a href="#">06.75</a>	Performance characterization of the GSM Adaptive Multi-Rate (AMR) speech codec	S4		7.2.0					
<a href="#">06.76</a>	Adaptive Multi-Rate (AMR) speech codec; Study phase report	S4		7.0.2	8.0.1				
<a href="#">06.77</a>	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder	S4			8.1.1				
<a href="#">06.78</a>	Results of the AMR noise suppression selection phase	S4			8.0.1				
<a href="#">06.81</a>	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	S4	6.1.1	7.1.1	8.0.1				
<a href="#">06.82</a>	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	S4	6.0.1	7.0.1	8.0.1				
<a href="#">06.85</a>	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	S4	6.0.0	7.0.0	8.0.0				
<a href="#">06.90</a>	Adaptive Multi-Rate speech transcoding	S4		7.2.1					
<a href="#">06.91</a>	Substitution and muting of lost frames for AMR speech traffic channels	S4		7.1.1					
<a href="#">06.92</a>	Comfort noise aspects for Adaptive Multi-Rate speech traffic channels	S4		7.1.1					
<a href="#">06.93</a>	Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels	S4		7.5.0					
<a href="#">06.94</a>	Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels	S4		7.1.1					
<a href="#">07.01</a>	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3	6.1.0	7.1.1	8.0.0				
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">07.02</a>	Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities	N3	6.0.0	7.0.1	8.0.0				
<a href="#">07.03</a>	Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities	N3	6.0.0	7.0.0	8.0.0				

<a href="#">07.05</a>	Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)	T2	6.0.0	7.0.1					
<a href="#">07.06</a>	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							
<a href="#">07.07</a>	AT Command set for GSM Mobile Equipment (ME)	T2	6.5.0	7.8.0					
<a href="#">07.08</a>	GSM Application Programming Interface	T2			8.0.0				
<a href="#">07.10</a>	Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol	T2	6.5.0	7.2.0					
<a href="#">07.60</a>	General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS	N3	6.5.0	7.2.0					
<a href="#">08.01</a>	General Aspects on the BSS-MSC Interface	G2	6.0.0	7.0.0	8.0.1				
<a href="#">08.02</a>	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2	6.0.0	7.0.0	8.0.1				
<a href="#">08.04</a>	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2	6.0.0	7.0.1	8.0.1				
<a href="#">08.06</a>	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface	G2	6.0.0	7.0.1	8.0.1				
<a href="#">08.08</a>	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2	6.5.0	7.7.0	8.15.0				
<a href="#">08.08ext</a>	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification (DCS 1800)	G2							
<a href="#">08.14</a>	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1	G2	6.0.0	7.0.1	8.0.1				
<a href="#">08.16</a>	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2	6.3.0	7.1.0	8.0.1				
<a href="#">08.18</a>	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2	6.8.0	7.5.0	8.12.0				
<a href="#">08.20</a>	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3	6.1.0	7.1.0	8.4.1				
<a href="#">08.31</a>	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	G2		7.1.0	8.1.1				
<a href="#">08.51</a>	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects	G2	6.0.0	7.0.0	8.0.1				
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">08.52</a>	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles	G2	6.0.0	7.0.0	8.0.1				
<a href="#">08.54</a>	BSC-BTS Layer 1; Structure of Physical Circuits	G2	6.0.0	7.0.0	8.0.1				
<a href="#">08.56</a>	BSC-BTS Layer 2; Specification	G2	6.0.0	7.0.0	8.0.1				
<a href="#">08.58</a>	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification	G2	6.3.0	7.4.1	8.6.0				

<a href="#">08.58dcs</a>	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (DCS 1800)	G2							
<a href="#">08.58ext</a>	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (Ext)	G2							
<a href="#">08.59</a>	BSC-BTS O&M Signalling Transport	G1							
<a href="#">08.60</a>	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels	G1	6.0.1	7.3.0	8.2.1				
<a href="#">08.61</a>	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G1	6.0.1	7.3.0	8.1.0				
<a href="#">08.62</a>	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3	S4		7.1.1	8.0.1				
<a href="#">08.64</a>	GPRS support node - BSS protocol (SGSN_BSS) interface; BSSGP layer 3 <i>spec withdrawn</i>	-	1.0.0						
<a href="#">08.71</a>	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3	G2		7.6.0	8.5.0				
<a href="#">09.01</a>	General Network Interworking Scenarios	N4	6.0.0	7.0.0	8.0.0				
<a href="#">09.02</a>	Mobile Application Part (MAP) Specification	N4	6.14.0	7.15.0					
<a href="#">09.02dcs</a>	Mobile Application Part (MAP) Specification (DCS 1800)	N4							
<a href="#">09.03</a>	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)	N3	6.0.0	7.0.0					
<a href="#">09.04</a>	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	N3	6.0.0	7.0.0					
<a href="#">09.05</a>	Interworking between the PLMN and the PSPDN for PAD Access	N3	6.0.0	7.0.0					
<a href="#">09.06</a>	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	N3	6.0.0	7.0.0					
<a href="#">09.07</a>	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	N3	6.2.0	7.2.0	8.0.0				
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">09.08</a>	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1	6.0.0	7.2.0	8.2.0				
<a href="#">09.09</a>	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN <i>spec withdrawn</i>	N4							
<a href="#">09.10</a>	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	N4	6.2.0	7.2.0					

<a href="#">09.10dcs</a>	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)	N4							
<a href="#">09.11</a>	Signalling Interworking for Supplementary Services	N4	6.0.0	7.0.1					
<a href="#">09.12</a>	Application of ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol specification	TISPAN							
<a href="#">09.13</a>	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4	6.0.0	7.0.0					
<a href="#">09.14</a>	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		7.0.2	8.0.0				
<a href="#">09.16</a>	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification	N1	6.1.0	7.0.1					
<a href="#">09.18</a>	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1	6.7.0	7.5.0	8.0.0				
<a href="#">09.31</a>	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)	G2		7.8.0	8.7.1				
<a href="#">09.60</a>	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GTP across the Gn and Gp Interface	N4	6.13.0	7.10.0					
<a href="#">09.61</a>	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)	N3	6.10.0	7.10.0					
<a href="#">09.78</a>	CAMEL Application Part phase 2 (stage 3)	N4	6.5.0	7.1.0					
<a href="#">09.90</a>	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)	N1	6.0.0						
<a href="#">09.91</a>	Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2	T3							
<a href="#">09.94</a>	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults	N1	6.1.1	7.0.1					
<a href="#">09.95</a>	Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles	G1	6.3.0	7.3.0					
<a href="#">10.00</a>	Digital Cellular Telecommunication System Feature Description	S2		7.1.0					
<a href="#">10.01</a>	GSM features and releases <i>spec withdrawn</i>	-	0.0.2						
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">10.02</a>	Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+	N4	6.1.0						
<a href="#">10.14</a>	System overview for 14.4 kbit/s Work Item	S2							
<a href="#">10.17</a>	General Packet Radio Service (GPRS); Charging in GPRS <i>spec withdrawn</i>	-	1.0.0						
<a href="#">10.20</a>	Lawful Interception requirements for GSM	S3	6.0.0						

<a href="#">10.43</a>	Support of Localised Service Area (SoLSA); Work Item Status <i>spec withdrawn</i>	S1				1.11.0				
<a href="#">10.56</a>	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1	S2			7.0.0	8.0.0				
<a href="#">10.57</a>	Project scheduling and open issues: Mobile Station Execution Environment (MExE) <i>spec withdrawn</i>	T2			7.0.0	8.0.0				
<a href="#">10.59</a>	Project scheduling and open issues for EDGE	G1				8.0.0				
<a href="#">10.60</a>	General Packet Radio Services (GPRS); Project Scheduling and Open Issues <i>spec withdrawn</i>	S2	6.0.0							
<a href="#">10.66</a>	Support of Mobile Number Portability (MNP); Project plan <i>spec withdrawn</i>	S1								
<a href="#">10.68</a>	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								
<a href="#">10.70</a>	GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR	S4			0.2.1					
<a href="#">10.71</a>	Project scheduling and open issues:Location services (LCS) <i>spec withdrawn</i>	S1			7.0.0					
<a href="#">10.76</a>	Noise suppression for the AMR codec; Project scheduling and open issues <i>spec withdrawn</i>	S4				1.0.0				
<a href="#">10.78</a>	Project scheduling and open issues: CAMEL <i>spec withdrawn</i>	S2			1.6.0					
<a href="#">10.89</a>	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues; <i>spec withdrawn</i>	GP				0.0.6				
<a href="#">10.99</a>	GERAN project plan and open issues <i>spec withdrawn</i>	-								
<a href="#">11.10</a>	Mobile Station Conformity Specification	G3new								
<a href="#">11.10-1</a>	Mobile station (MS) conformance specification; Part 1: Conformance specification	G3new	6.4.0	7.3.0	8.3.0					
<a href="#">11.10-2</a>	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	G3new			8.0.0					
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>	
<a href="#">11.10-3</a>	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G3new			8.0.0					
<a href="#">11.10-4</a>	Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification	T3	6.0.0	7.0.0	8.9.0					
<a href="#">11.10dcs</a>	Mobile Station Conformity Specification (DCS 1800)	G3new								
<a href="#">11.11</a>	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface	T3	6.3.0	7.7.0	8.12.0					
<a href="#">11.11dcs</a>	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface (DCS 1800)	T3								
<a href="#">11.12</a>	Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface	T3								
<a href="#">11.13</a>	Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card	T3		7.4.2	8.2.1					

<a href="#">11.14</a>	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	T3	6.3.0	7.7.0	8.17.0				
<a href="#">11.17</a>	Subscriber Interface Module (SIM) test specification	T3		7.0.2	8.1.0				
<a href="#">11.18</a>	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface	T3		7.0.1	8.0.0				
<a href="#">11.19</a>	CTS SIM Fixed Part	T3		7.0.3					
<a href="#">11.20</a>	GSM DCS 1800 Base Station Specification	GP							
<a href="#">11.20dcs</a>	GSM DCS 1800 Base Station Specification	GP							
<a href="#">11.21</a>	Base Station System (BSS) equipment specification; Radio aspects	G1	6.1.0	7.5.0	8.9.0				
<a href="#">11.22</a>	GSM Base Station and Ancillary Equipment, Physical and Electronical Parameters, Application of Standards and Guidance Notes	G1							
<a href="#">11.23</a>	GSM Signalling Aspects Base Station System equipment Specification	G1							
<a href="#">11.24</a>	GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification	G1							
<a href="#">11.26</a>	Base Station System (BSS) equipment specification; Part 4: Repeaters	G1	6.0.1	7.0.0	8.0.2				
<a href="#">11.30</a>	Mobile Services Switching Centre	GP							
<a href="#">11.31</a>	Home Location Register Specification	GP							
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">11.32</a>	Visitor Location Register Specification	GP							
<a href="#">11.40</a>	GSM System Simulator specification	G3new							
<a href="#">11.40dcs</a>	DCS 1800 System Simulator conformity specification	G3new							
<a href="#">12.00</a>	Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management	S5							
<a href="#">12.01</a>	Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management	S5							
<a href="#">12.01U</a>	Framework for satellite integration with the UMTS <i>spec withdrawn</i>	S5							
<a href="#">12.02</a>	Subscriber, Mobile Equipment (ME) and Services Data Administration	S5							
<a href="#">12.02U</a>	Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS <i>spec withdrawn</i>	S5							
<a href="#">12.03</a>	Security Management	S5		7.0.1	8.0.0				
<a href="#">12.04</a>	Performance data measurements	S5		7.0.0	8.1.0				
<a href="#">12.05</a>	Subscriber Related Call and Event Data	S5	6.1.0	7.0.1					
<a href="#">12.06</a>	Network Configuration Management and Administration	S5							
<a href="#">12.07</a>	Public Land Mobile Network (PLMN) Quality of Service (QoS) <i>spec withdrawn</i>	-							
<a href="#">12.08</a>	Subscriber and Equipment trace	S5							
<a href="#">12.11</a>	Fault management of the Base Station System (BSS)	S5	6.3.0						
<a href="#">12.15</a>	General Packet Radio Service (GPRS); GPRS Charging	S5	6.3.0	7.7.0					
<a href="#">12.20</a>	Base Station System (BSS) Management Information	S5							
<a href="#">12.21</a>	Network Management (NM) procedures and messages on the A-bis interface	G1	6.0.0	7.0.0	8.0.0				



<a href="#">12.22</a>	Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)	G1							
<a href="#">12.30</a>	ETSI Object Identifier Tree; Mobile Domain O&M	S5							
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">12.71</a>	Location Services (LCS); Location services management	S5		<b>7.0.1</b>	<b>8.0.1</b>				
<a href="#">13.01</a>	Attachment requirements for Global System for Mobile communications (GSM); Part 1: Mobile stations in the GSM 900 and DCS 1 800 bands; Access	MSG							
<a href="#">13.01-1</a>	Attachment requirements for Global System for Mobile communications (GSM) mobile stations; Access	MSG							
<a href="#">13.01-2</a>	Attachment requirements for mobile stations in the DCS 1800 band and additional GSM 900 band; Access	MSG							
<a href="#">13.02</a>	Attachment requirements for mobile stations in the DCS 1800 band and additional GSM 900 band; Access	MSG							
<a href="#">13.02-2</a>	Attachment requirements (CDCS 1800); Telephony <b>spec withdrawn</b>	MSG-GSM							
<a href="#">13.11</a>	Mobiles stations in the GSM 900 and DCS 1800 bands covering essential requirements under article 3.2 of the R&TTE Directive	MSG		<b>7.0.1</b>					
<a href="#">13.21</a>	Base station systems and repeater equipment covering essential requirements under article 3.2 of the R&TTE directive	MSG		<b>7.0.0</b>	<b>8.1.2</b>				
<a href="#">13.34</a>	Attachment requirements for Global System for Mobile communications (GSM); High Speed Circuit Switched Data (HSCSD) Multislot Mobile Stations; Access	MSG							
<a href="#">13.55</a>	Attachment requirements for Cordless Telephony System Fixed Part (CTS-FP); Access <b>spec withdrawn</b>	-							
<a href="#">13.56</a>	Cordless Telephony System Mobile Stations (CTS-MS); Access <b>spec withdrawn</b>	-							
<a href="#">13.57</a>	unknown <b>spec withdrawn</b>	-							
<a href="#">13.60</a>	Attachment requirements for Global System for Mobile communications (GSM); General Packet Radio Service (GPRS); Mobile stations; Access <b>spec withdrawn</b>	MSG							
<a href="#">13.67</a>	Attachment requirements for Global System for Mobile communications (GSM); Railways Band (R-GSM); Mobile Stations; Access	MSG							
<a href="#">13.68</a>	Attachment requirements for Global System for Mobile communications (GSM); Advanced Speech Call Items (GSM-ASCI) Mobile Stations; Access	MSG							
<a href="#">21.01U</a>	Requirements for the UMTS Terrestrial Radio Access (UTRA) system	GP							
<a href="#">21.02U</a>	High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept <b>spec withdrawn</b>	GP							
<a href="#">21.04U</a>	Requirements for the support of data services in UMTS <b>spec withdrawn</b>	-							
<a href="#">21.06U</a>	O&M requirements for the UMTS <b>spec withdrawn</b>	-							
<a href="#">21.100</a>	3G specification handling procedures <b>spec withdrawn</b>	-			<b>1.0.0</b>				

Spec no.	Title	WG	R97	R98	R99	Rel-4	Rel-5	Rel-6	Rel-7
<a href="#">21.101</a>	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system	SP			3.13.0	4.10.0	5.7.0		
<a href="#">21.102</a>	3rd Generation mobile system Release 4 specifications <i>spec withdrawn</i>	SP				4.9.0			
<a href="#">21.103</a>	3rd Generation mobile system Release 5 specifications <i>spec withdrawn</i>	SP					5.4.0		
<a href="#">21.111</a>	USIM and IC card requirements	T3			3.4.0	4.1.0	5.1.0	6.1.0	
<a href="#">21.133</a>	3G security; Security threats and requirements	S3			3.2.0	4.1.0			
<a href="#">21.801</a>	Specification drafting rules	SP			3.0.0	4.4.0	5.1.0	6.0.0	
<a href="#">21.810</a>	Report on multi-mode UE issues; ongoing work and identified additional work	T2			3.0.0				
<a href="#">21.877</a>	Radio optimization impacts on the Packet Switched (PS) domain architecture	S2					0.7.0	0.7.0	
<a href="#">21.900</a>	Technical Specification Group working methods	SP			3.7.0	4.1.0	5.1.0	6.3.0	
<a href="#">21.902</a>	Evolution of 3GPP system	SP						6.0.0	
<a href="#">21.904</a>	User Equipment (UE) capability requirements	T2			3.5.0				
<a href="#">21.905</a>	Vocabulary for 3GPP Specifications	S1			3.3.0	4.5.0	5.8.0	6.7.0	
<a href="#">21.906</a>	reserved <i>spec withdrawn</i>	-			3.0.0				
<a href="#">21.910</a>	Multi-mode UE issues; categories, principles and procedures	T2			3.0.0				
<a href="#">21.978</a>	Feasibility Technical Report; CAMEL Control of VoIP Services	N4			3.0.0				
<a href="#">22.001</a>	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)	S1			3.2.0	4.3.0	5.0.0		
<a href="#">22.002</a>	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)	S1			3.6.0	4.2.0	5.0.0		
<a href="#">22.003</a>	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)	S1			3.3.0	4.3.0	5.2.0		
<a href="#">22.004</a>	General on supplementary services	S1			3.3.0	4.3.0	5.1.0		
<a href="#">22.00U</a>	UMTS Phase 1 <i>spec withdrawn</i>	-							
Spec no.	Title	WG	R97	R98	R99	Rel-4	Rel-5	Rel-6	Rel-7
<a href="#">22.011</a>	Service accessibility	S1			3.8.0	4.8.0	5.1.0	6.4.0	Y
<a href="#">22.016</a>	International Mobile Equipment Identities (IMEI)	S1			3.3.0	4.2.1	5.0.0		
<a href="#">22.01U</a>	Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles <i>spec withdrawn</i>	-							
<a href="#">22.022</a>	Personalisation of Mobile Equipment (ME); Mobile functionality specification	S3			3.2.1	4.1.0	5.0.0		
<a href="#">22.024</a>	Description of Charge Advice Information (CAI)	S1			3.0.1	4.0.0	5.0.0		
<a href="#">22.030</a>	Man-Machine Interface (MMI) of the User Equipment (UE)	S1			3.4.0	4.1.0	5.0.0	6.0.0	Y
<a href="#">22.031</a>	Fraud Information Gathering System (FIGS); Service description; Stage 1	S3			3.0.0	4.0.0	5.0.0		
<a href="#">22.032</a>	Immediate Service Termination (IST); Service description; Stage 1	S3			3.0.0	4.0.0	5.0.0		
<a href="#">22.034</a>	High Speed Circuit Switched Data (HSCSD); Stage 1	S1			3.2.1	4.1.0	5.0.0		
<a href="#">22.038</a>	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	S1			3.4.0	4.3.0	5.4.0	6.3.0	Y
<a href="#">22.041</a>	Operator Determined Call Barring	S1			3.3.1	4.1.0	5.0.0	6.2.0	

<a href="#">22.042</a>	Network Identity and Time Zone (NITZ) service description; Stage 1	S1			3.0.1	4.2.1	5.1.0		
<a href="#">22.043</a>	Support of Localized Service Area (SoLSA); Service description; Stage 1 <i>spec withdrawn</i>	S1			3.1.0				
<a href="#">22.048</a>	Security mechanisms for the (U)SIM application toolkit; Stage 1	T3				4.0.0	5.0.0		
<a href="#">22.053</a>	Tandem Free Operation (TFO); Service description; Stage 1	S4			3.0.0	4.0.1	5.0.0		
<a href="#">22.057</a>	Mobile Execution Environment (MExE) service description; Stage 1	S1			3.0.1	4.1.0	5.4.0		
<a href="#">22.05U</a>	Services and service capabilities <i>spec withdrawn</i>	-							
<a href="#">22.060</a>	General Packet Radio Service (GPRS); Service description; Stage 1	S1			3.5.0	4.4.0	5.3.0	6.0.0	
<a href="#">22.066</a>	Support of Mobile Number Portability (MNP); Stage 1	S1			3.2.0	4.0.0	5.1.0	6.1.0	
<a href="#">22.067</a>	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1	S1			3.0.1	4.1.0	5.0.0	6.1.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">22.071</a>	Location Services (LCS); Stage 1	S1			3.5.0	4.6.0	5.4.0	6.7.0	Y
<a href="#">22.072</a>	Call Deflection (CD); Stage 1	S1			3.0.1	4.0.0	5.0.0		
<a href="#">22.076</a>	Noise suppression for the AMR codec; Service description; Stage 1	S4				4.0.1	5.0.0		
<a href="#">22.078</a>	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1	S1			3.9.0	4.5.0	5.14.0	6.6.0	Y
<a href="#">22.079</a>	Support of optimal routeing; Stage 1	S1			3.0.1	4.0.0	5.0.0		
<a href="#">22.07U</a>	UMTS terminal and smart card concepts <i>spec withdrawn</i>	-							
<a href="#">22.081</a>	Line Identification supplementary services; Stage 1	S1			3.2.0	4.1.0	5.0.0		
<a href="#">22.082</a>	Call Forwarding (CF) Supplementary Services; Stage 1	S1			3.0.2	4.2.0	5.0.0		
<a href="#">22.083</a>	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1	S1			3.0.1	4.1.0	5.0.0		
<a href="#">22.084</a>	MultiParty (MPTY) supplementary service; Stage 1	S1			3.0.1	4.1.0	5.0.0		
<a href="#">22.085</a>	Closed User Group (CUG) supplementary services; Stage 1	S1			3.1.0	4.1.0	5.0.0		
<a href="#">22.086</a>	Advice of Charge (AoC) supplementary services; Stage 1	S1			3.1.0	4.0.0	5.0.0		
<a href="#">22.087</a>	User-to-user signalling (UUS); Stage 1	S1			3.1.0	4.0.0	5.0.0		
<a href="#">22.088</a>	Call Barring (CB) supplementary services; Stage 1	S1			3.0.2	4.1.0	5.0.0		
<a href="#">22.090</a>	Unstructured Supplementary Service Data (USSD); Stage 1	S1			3.1.0	4.0.0	5.0.0		
<a href="#">22.091</a>	Explicit Call Transfer (ECT) supplementary service; Stage 1	S1			3.1.0	4.0.0	5.0.0		
<a href="#">22.093</a>	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	S1			3.0.1	4.0.0	5.0.0		
<a href="#">22.094</a>	Follow Me service description - Stage 1	S1			3.1.0	4.1.0	5.0.0	6.0.0	
<a href="#">22.096</a>	Name identification supplementary services; Stage 1	S1			3.0.1	4.0.0	5.0.0		
<a href="#">22.097</a>	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	S1			3.2.0	4.1.0	5.0.0		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">22.100</a>	UMTS Phase 1	S1			3.7.0				
<a href="#">22.101</a>	Service aspects; Service principles	S1			3.17.0	4.10.0	5.13.0	6.8.0	Y

<a href="#">22.105</a>	Services and service capabilities	S1				3.10.0	4.3.0	5.2.0	6.2.0	
<a href="#">22.112</a>	USIM toolkit interpreter; Stage 1	T3					4.0.0	5.0.0		
<a href="#">22.115</a>	Service Aspects Charging and billing	S1				3.4.0	4.1.0	5.4.0	6.4.0	
<a href="#">22.121</a>	Service aspects; The Virtual Home Environment; Stage 1	S1				3.3.1	4.1.1	5.3.1		
<a href="#">22.127</a>	Service Requirement for the Open Services Access (OSA); Stage 1	S1					4.4.0	5.5.0	6.6.0	
<a href="#">22.129</a>	Handover requirements between UTRAN and GERAN or other radio systems	S1				3.6.0	4.4.0	5.2.0	6.1.0	
<a href="#">22.135</a>	Multicall; Service description; Stage 1	S1				3.4.0	4.2.0	5.0.0		
<a href="#">22.140</a>	Multimedia Messaging Service (MMS); Stage 1	S1				3.1.0	4.3.0	5.4.0	6.6.0	
<a href="#">22.141</a>	Presence service; Stage 1	S1						5.2.0	6.2.1	
<a href="#">22.146</a>	Multimedia Broadcast/Multicast Service (MBMS); Stage 1	S1						5.2.0	6.6.0	
<a href="#">22.174</a>	Push service; Stage 1	S1							6.2.0	
<a href="#">22.226</a>	Global text telephony (GTT); Stage 1: Service description	S1						5.2.0		
<a href="#">22.228</a>	Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1	S1						5.6.0	6.6.0	Y
<a href="#">22.233</a>	Transparent end-to-end packet-switched streaming service; Stage 1	S1						5.0.0	6.3.0	
<a href="#">22.234</a>	Requirements on 3GPP system to Wireless Local Area Network (WLAN) interworking	S1							6.2.0	
<a href="#">22.240</a>	Service requirements for 3GPP Generic User Profile (GUP); Stage 1	S1						0.5.0	6.4.0	
<a href="#">22.242</a>	Digital Rights Management (DRM); Stage 1	S1							6.2.0	
<a href="#">22.243</a>	Speech recognition framework for automated voice services; Stage 1	S1						1.0.0	6.4.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>	
<a href="#">22.246</a>	Multimedia Broadcast/Multicast Service (MBMS) user services; Stage 1	S1						6.2.0		
<a href="#">22.24U</a>	Charging and Accounting Mechanism <i>spec withdrawn</i>	-								
<a href="#">22.250</a>	IP Multimedia Subsystem (IMS) Group Management; Stage 1	S1						6.0.0		
<a href="#">22.25U</a>	Quality of Service (QoS) and network performance <i>spec withdrawn</i>	-								
<a href="#">22.340</a>	IP Multimedia Subsystem (IMS) messaging; Stage 1	S1						6.1.0		
<a href="#">22.60U</a>	Mobile multimedia services including mobile Intranet and Internet services <i>spec withdrawn</i>	-								
<a href="#">22.70U</a>	Virtual Home Environment <i>spec withdrawn</i>	-								
<a href="#">22.71U</a>	Service aspects; Automatic Establishment of Roaming Relationships <i>spec withdrawn</i>	-								
<a href="#">22.75U</a>	Service aspects; Advanced addressing <i>spec withdrawn</i>	-								
<a href="#">22.800</a>	IP Multimedia Subsystem (IMS) subscription and access scenarios	S1						6.0.0		
<a href="#">22.80U</a>	UMTS Relationship to other Standards <i>spec withdrawn</i>	-								
<a href="#">22.857</a>	Run-time independent framework feasibility study	T2						6.0.0		
<a href="#">22.907</a>	Terminal concepts <i>spec withdrawn</i>	-			3.1.3					
<a href="#">22.924</a>	Charging and accounting mechanisms <i>spec withdrawn</i>	-			3.1.1					
<a href="#">22.925</a>	Quality of Service (QoS) and network performance <i>spec withdrawn</i>	-			3.1.1					

<a href="#">22.934</a>	Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking	S1						6.2.0	
<a href="#">22.940</a>	IP Multimedia Subsystem (IMS) messaging; Stage 1	S1						6.0.0	
<a href="#">22.941</a>	IP based multimedia framework; Stage 0 <i>spec withdrawn</i>	S1					0.7.0		
<a href="#">22.944</a>	Service requirements for UE functionality split	S1					5.1.0		
<a href="#">22.945</a>	Study of provision of fax service in GSM and UMTS	T2			3.0.0				
Spec no.	Title	WG	R97	R98	R99	Rel-4	Rel-5	Rel-6	Rel-7
<a href="#">22.946</a>	Broadcast and multicast services <i>spec withdrawn</i>	S1					1.0.0		
<a href="#">22.949</a>	Study on a generalized privacy capability	S1						6.0.0	
<a href="#">22.950</a>	Priority service feasibility study	S1						6.3.0	
<a href="#">22.951</a>	Service aspects and requirements for network sharing	S1						6.1.0	
<a href="#">22.952</a>	Priority service guide	S1						6.1.0	
<a href="#">22.953</a>	Multimedia priority service feasibility study	S1							Y
<a href="#">22.960</a>	Mobile multimedia services <i>spec withdrawn</i>	-			3.0.1				
<a href="#">22.970</a>	Virtual Home Environment (VHE) Report <i>spec withdrawn</i>	-			3.0.1				
<a href="#">22.971</a>	Automatic establishment of roaming relationships	S1			3.1.1				
<a href="#">22.972</a>	Circuit-switched multimedia <i>spec withdrawn</i>	-			0.0.0				
<a href="#">22.975</a>	Advanced addressing	S1			3.1.0				
<a href="#">22.976</a>	Study on PS domain services and capabilities <i>spec withdrawn</i>	S1				2.0.0	2.0.0	2.0.0	
<a href="#">22.977</a>	Feasibility study for speech-enabled services	S1						6.0.0	
<a href="#">22.978</a>	All-IP feasibility study	S1							Y
<a href="#">22.979</a>	Feasibility study on combined Circuit Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions	S1							Y
<a href="#">23.002</a>	Network architecture	S2			3.6.0	4.8.0	5.12.0	6.5.0	
<a href="#">23.003</a>	Numbering, addressing and identification	N4			3.14.0	4.8.0	5.9.0	6.4.0	
<a href="#">23.007</a>	Restoration procedures	N4			3.6.0	4.2.0	5.1.0	6.1.0	
<a href="#">23.008</a>	Organisation of subscriber data	N4			3.8.0	4.3.0	5.7.0	6.3.0	
<a href="#">23.009</a>	Handover procedures	N1			3.14.0	4.9.0	5.8.0		
Spec no.	Title	WG	R97	R98	R99	Rel-4	Rel-5	Rel-6	Rel-7
<a href="#">23.010</a>	GSM Public Land Mobile Network (PLMN) Connection Types <i>spec withdrawn</i>	-			3.0.0				
<a href="#">23.011</a>	Technical realization of Supplementary Services	N4			3.1.0	4.0.1	5.0.0	6.0.0	
<a href="#">23.012</a>	Location management procedures	N4			3.3.0	4.0.0	5.2.0	6.2.0	
<a href="#">23.014</a>	Support of Dual Tone Multi Frequency (DTMF) signalling	N1			3.2.0	4.1.0	5.1.0		
<a href="#">23.015</a>	Technical realization of Operator Determined Barring (ODB)	N4			3.1.0	4.0.1	5.0.0	6.0.0	
<a href="#">23.016</a>	Subscriber data management; Stage 2	N4			3.10.0	4.4.0	5.3.0	6.1.0	
<a href="#">23.018</a>	Basic Call Handling; Technical realization	N4			3.12.0	4.7.0	5.9.0	6.3.0	
<a href="#">23.01U</a>	UMTS Network principles <i>spec withdrawn</i>	-							
<a href="#">23.022</a>	Functions related to Mobile Station (MS) in idle mode and group receive mode <i>spec withdrawn</i>	-			3.1.0				
<a href="#">23.031</a>	Fraud Information Gathering System (FIGS); Service description; Stage 2	S3			3.0.0	4.0.0	5.0.0		
<a href="#">23.032</a>	Universal Geographical Area Description (GAD)	S2			3.2.1	4.1.1	5.0.0		
<a href="#">23.034</a>	High Speed Circuit Switched Data (HSCSD); Stage 2	N1			3.3.0	4.0.0	5.2.0		
<a href="#">23.035</a>	Immediate Service Termination (IST); Stage 2	S3			3.1.0	4.1.0	5.1.0		

<a href="#">23.038</a>	Alphabets and language-specific information	T2			<b>3.3.0</b>	<b>4.5.0</b>	<b>5.1.0</b>	<b>6.1.0</b>	
<a href="#">23.039</a>	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)	T2			<b>3.2.0</b>	<b>4.0.0</b>	<b>5.0.0</b>		
<a href="#">23.040</a>	Technical realization of Short Message Service (SMS)	T2			<b>3.10.0</b>	<b>4.9.0</b>	<b>5.8.1</b>	<b>6.5.0</b>	
<a href="#">23.041</a>	Technical realization of Cell Broadcast Service (CBS)	T2			<b>3.5.0</b>	<b>4.4.0</b>	<b>5.2.0</b>	<b>6.2.0</b>	
<a href="#">23.042</a>	Compression algorithm for SMS	T2			<b>3.1.0</b>	<b>4.0.1</b>	<b>5.0.0</b>		
<a href="#">23.043</a>	Support of Videotex <i>spec withdrawn</i>	-			<b>3.0.0</b>				
<a href="#">23.044</a>	Support of Teletex <i>spec withdrawn</i>	-			<b>3.0.0</b>				
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">23.045</a>	Technical Realization of Facsimile Group 3 Service - transparent <i>spec withdrawn</i>	-			<b>3.0.0</b>				
<a href="#">23.046</a>	Technical realisation of facsimile Group 3 service - non-transparent <i>spec withdrawn</i>	-			<b>3.0.0</b>				
<a href="#">23.048</a>	Security mechanisms for the (U)SIM application toolkit; Stage 2	T3				<b>4.4.0</b>	<b>5.8.0</b>		
<a href="#">23.053</a>	Tandem Free Operation (TFO); Service description; Stage 2	S4				<b>4.0.1</b>	<b>5.0.0</b>		
<a href="#">23.054</a>	Shared Interworking Functions (SIWF); Stage 2 <i>spec withdrawn</i>	N3			<b>3.0.0</b>				
<a href="#">23.057</a>	Mobile Execution Environment (MExE); Functional description; Stage 2	T2			<b>3.4.0</b>	<b>4.5.0</b>	<b>5.1.0</b>	<b>6.2.0</b>	
<a href="#">23.060</a>	General Packet Radio Service (GPRS); Service description; Stage 2	S2			<b>3.16.0</b>	<b>4.9.0</b>	<b>5.9.0</b>	<b>6.6.0</b>	
<a href="#">23.066</a>	Support of GSM Mobile Number Portability (MNP) stage 2	N4			<b>3.3.0</b>	<b>4.0.1</b>	<b>5.3.0</b>		
<a href="#">23.067</a>	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2	N4			<b>3.3.0</b>	<b>4.1.1</b>	<b>5.0.0</b>	<b>6.0.0</b>	
<a href="#">23.069</a>	Voice Broadcast service (VBS); Stage 2 <i>spec withdrawn</i>	N1			<b>3.0.0</b>				
<a href="#">23.070</a>	Routeing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN) <i>spec withdrawn</i>	-			<b>3.0.0</b>				
<a href="#">23.071</a>	Location Services (LCS); Functional description; Stage 2 <i>spec withdrawn</i>	-			<b>3.0.0</b>				
<a href="#">23.072</a>	Call Deflection Supplementary Service; Stage 2	N4			<b>3.3.0</b>	<b>4.0.1</b>	<b>5.0.0</b>		
<a href="#">23.073</a>	Support of Localised Service Area (SoLSA); Stage 2 <i>spec withdrawn</i>	N4			<b>3.0.1</b>	<b>4.0.0</b>			
<a href="#">23.078</a>	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2	N4			<b>3.19.0</b>	<b>4.11.1</b>	<b>5.8.0</b>	<b>6.3.0</b>	
<a href="#">23.079</a>	Support of Optimal Routeing (SOR); Technical realization; Stage 2	N4			<b>3.8.0</b>	<b>4.2.0</b>	<b>5.5.0</b>		
<a href="#">23.081</a>	Line Identification supplementary services; Stage 2	N4			<b>3.2.0</b>	<b>4.1.0</b>	<b>5.2.0</b>	<b>6.0.0</b>	
<a href="#">23.082</a>	Call Forwarding (CF) Supplementary Services; Stage 2	N4			<b>3.7.0</b>	<b>4.3.0</b>	<b>5.0.0</b>		
<a href="#">23.083</a>	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	N4			<b>3.2.0</b>	<b>4.3.0</b>	<b>5.1.0</b>		
<a href="#">23.084</a>	MultiParty (MPTY) Supplementary Service; Stage 2	N4			<b>3.2.0</b>	<b>4.0.0</b>	<b>5.0.0</b>		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">23.085</a>	Closed User Group (CUG) Supplementary Service; Stage 2	N4			<b>3.1.0</b>	<b>4.0.0</b>	<b>5.0.0</b>		
<a href="#">23.086</a>	Advice of Charge (AoC) Supplementary Service; Stage 2	N4			<b>3.1.0</b>	<b>4.0.0</b>	<b>5.0.0</b>		





<a href="#">23.218</a>	IP Multimedia (IM) session handling; IM call model; Stage 2	N1					5.7.0	6.2.0	
<a href="#">23.221</a>	Architectural requirements	S2				4.2.0	5.11.0	6.3.0	
<a href="#">23.226</a>	Global text telephony (GTT); Stage 2: Architecture	S2					5.2.0		
<a href="#">23.227</a>	Application and user interaction in the UE; Principles and specific requirements	T2				4.2.0	5.1.0		
<a href="#">23.228</a>	IP Multimedia Subsystem (IMS); Stage 2	S2					5.12.0	6.7.0	
<a href="#">23.234</a>	3GPP system to Wireless Local Area Network (WLAN) interworking; System description	S2						6.2.0	
<a href="#">23.236</a>	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes	S2					5.2.0		
<a href="#">23.240</a>	3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)	S2					0.12.0	6.5.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">23.241</a>	3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)	N4					0.2.0	6.1.0	
<a href="#">23.246</a>	Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description	S2						6.4.0	
<a href="#">23.251</a>	Network sharing; Architecture and functional description	S2						6.1.0	
<a href="#">23.271</a>	Location Services (LCS); Functional description; Stage 2	S2				4.12.0	5.12.0	6.9.0	
<a href="#">23.278</a>	customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2	N4					5.6.0		
<a href="#">23.801</a>	Potential mechanisms for Circuit Switched (CS) domain video and voice service improvements	S2						1.0.0	
<a href="#">23.802</a>	Architectural enhancements for end-to-end Quality of Service (QoS)	S2							Y
<a href="#">23.803</a>	Evolution of policy control and charging	S2							Y
<a href="#">23.804</a>	Support of SMS and MMS over generic 3GPP IP access	S2							Y
<a href="#">23.814</a>	Separating RR and MM specific parts of the MS Classmark	N1			3.1.0	4.0.0			
<a href="#">23.815</a>	Charging implications of IMS architecture	S2					5.0.0		
<a href="#">23.821</a>	Architecture Principles for Release 2000 <i>spec withdrawn</i>	S2				1.0.1			
<a href="#">23.825</a>	Overall architecture aspects of IP flow based bearer level charging; Stage 2 <i>spec withdrawn</i>	S2						1.4.0	
<a href="#">23.835</a>	Study into applicability of Galileo in Location Services (LCS)	S2						1.0.0	
<a href="#">23.841</a>	Presence service architecture	S2					1.1.0	6.0.0	
<a href="#">23.846</a>	Multimedia Broadcast/Multicast Service (MBMS); Stage 2	S2					0.2.0	6.1.0	
<a href="#">23.851</a>	Network sharing; Architecture and functional description	S2						6.1.0	
<a href="#">23.864</a>	Commonality and interoperability between IP Multimedia System (IMS) core networks	S2						0.6.0	
<a href="#">23.867</a>	Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions	S2						0.7.0	
<a href="#">23.871</a>	Enhanced support for user privacy in Location Services (LCS)	S2					5.0.0		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">23.873</a>	Feasibility study for transport and control separation in the PS CN domain	S2				4.0.0			



<a href="#">23.874</a>	Feasibility study of architecture for network requested PDP context activation with User-ID <i>spec withdrawn</i>	S2				1.3.0			
<a href="#">23.875</a>	Support of Push service	S2					5.1.0		
<a href="#">23.876</a>	Push architecture <i>spec withdrawn</i>	S2						0.5.0	
<a href="#">23.877</a>	Architectural aspects of speech-enabled services	S2						6.0.0	
<a href="#">23.881</a>	Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations <i>spec withdrawn</i>	S2						1.0.0	
<a href="#">23.895</a>	Provision of UE specific behaviour information to network entities	S2						6.2.0	
<a href="#">23.898</a>	3GPP access class barring and overload protection	S2						1.2.0	Y
<a href="#">23.899</a>	Combining Circuit Switched (CS) bearers with IP Multimedia Subsystem (IMS)	S2						0.5.0	
<a href="#">23.903</a>	Redial solution for video-voice switching	S2						1.0.0	
<a href="#">23.907</a>	Quality of Service (QoS) concept <i>spec withdrawn</i>	S2				1.2.0			
<a href="#">23.908</a>	Technical report on Pre-Paging	N4			3.0.1	4.0.0	5.0.0		
<a href="#">23.909</a>	Technical report on the Gateway Location Register	N4			3.0.1	4.0.0	5.0.0		
<a href="#">23.910</a>	Circuit switched data bearer services	N3			3.6.0	4.8.0	5.4.0		
<a href="#">23.911</a>	Technical report on Out-of-band transcoder control	N4			3.0.1	4.0.0	5.0.0		
<a href="#">23.912</a>	Technical report on Super-Charger	N4			3.1.0	4.1.0	5.0.0		
<a href="#">23.913</a>	UMTS Turbo-Charger <i>spec withdrawn</i>	-				1.0.0			
<a href="#">23.917</a>	Dynamic policy control enhancements for End to end Quality of Service (QoS) <i>spec withdrawn</i>	S2						1.2.0	
<a href="#">23.920</a>	Evolution of the GSM platform towards UMTS <i>spec withdrawn</i>	-			3.1.0				
<a href="#">23.922</a>	Architecture for an All IP network <i>spec withdrawn</i>	S2			1.0.0	4.0.0			
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">23.923</a>	Combined GSM and Mobile IP mobility handling in UMTS IP CN	S2			3.0.0	4.0.0			
<a href="#">23.925</a>	UMTS Core network based ATM transport <i>spec withdrawn</i>	S2			0.2.0				
<a href="#">23.927</a>	VHE, Open Service Architecture (OSA) <i>spec withdrawn</i>	-			0.1.0				
<a href="#">23.930</a>	Iu Principles	S2			3.0.0	4.0.0			
<a href="#">23.934</a>	3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition	S2						1.0.0	
<a href="#">23.955</a>	Virtual Home Environment (VHE) concepts <i>spec withdrawn</i>	S2					0.1.0		
<a href="#">23.95U</a>	UMTS Network Aspects; Network functions relevant to satellites <i>spec withdrawn</i>	-							
<a href="#">23.960</a>	Framework of network functions to support multimedia services <i>spec withdrawn</i>	-			0.1.0				
<a href="#">23.964</a>	Commonality and interoperability between IP Multimedia System (IMS) core networks <i>spec withdrawn</i>	S2						0.3.1	
<a href="#">23.972</a>	Circuit switched multimedia telephony	N1			3.0.0	4.0.0			
<a href="#">23.974</a>	Support of push service <i>spec withdrawn</i>	S2					2.0.0		
<a href="#">23.976</a>	Push architecture	S2						6.1.0	
<a href="#">23.977</a>	Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks	S2						6.1.0	

<a href="#">23.979</a>	3GPP enablers for Push-to-talk over Cellular (PoC) services; Stage 2	S2						1.3.0	
<a href="#">23.981</a>	Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations	S2					5.0.0	6.1.0	
<a href="#">24.002</a>	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration	N1			3.1.1	4.1.1	5.1.1		
<a href="#">24.004</a>	Layer 1 - General Requirements <i>spec withdrawn</i>	G2				4.0.0			
<a href="#">24.007</a>	Mobile radio interface signalling layer 3; General Aspects	N1			3.10.0	4.3.0	5.2.0	6.2.0	
<a href="#">24.008</a>	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3	N1			3.19.0	4.14.0	5.12.0	6.6.0	
<a href="#">24.010</a>	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects	N4			3.2.0	4.2.0	5.0.0		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">24.011</a>	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface	N1			3.6.0	4.1.1	5.2.0	6.0.0	
<a href="#">24.012</a>	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface <i>spec withdrawn</i>	G2			3.0.0				
<a href="#">24.022</a>	Radio Link Protocol (RLP) for circuit switched bearer and teleservices	N3			3.5.0	4.1.0	5.5.0		
<a href="#">24.030</a>	Location Services (LCS); Supplementary service operations; Stage 3	N4			3.3.0	4.2.0	5.1.0	6.1.0	
<a href="#">24.065</a>	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				
<a href="#">24.067</a>	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3	N4			3.2.0	4.1.0	5.0.0		
<a href="#">24.068</a>	Group Call Control (GCC) Protocol <i>spec withdrawn</i>	N1			3.1.0				
<a href="#">24.069</a>	Broadcast Call Control (BCC) protocol <i>spec withdrawn</i>	N1			3.1.0				
<a href="#">24.072</a>	Call Deflection Supplementary Service; Stage 3	N4			3.0.0	4.0.1	5.0.0		
<a href="#">24.080</a>	Mobile radio Layer 3 supplementary service specification; Formats and coding	N4			3.7.1	4.3.1	5.4.0	6.1.0	
<a href="#">24.081</a>	Line Identification Supplementary Service; Stage 3	N4			3.1.0	4.0.1	5.0.0		
<a href="#">24.082</a>	Call Forwarding supplementary service; Stage 3	N4			3.0.0	4.0.1	5.0.0		
<a href="#">24.083</a>	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3	N4			3.0.0	4.0.1	5.0.0		
<a href="#">24.084</a>	MultiParty (MPTY) Supplementary Service; Stage 3	N4			3.0.0	4.0.1	5.0.0		
<a href="#">24.085</a>	Closed User Group (CUG) Supplementary Service; Stage 3	N4			3.0.0	4.0.1	5.0.0		
<a href="#">24.086</a>	Advice of Charge (AoC) Supplementary Service; Stage 3	N4			3.0.0	4.0.1	5.0.0		
<a href="#">24.087</a>	User-to-User Signalling (UUS); Stage 3	N4			3.0.0	4.0.1	5.0.0		
<a href="#">24.088</a>	Call Barring (CB) Supplementary Service; Stage 3	N4			3.0.0	4.0.2	5.0.0	6.0.0	
<a href="#">24.090</a>	Unstructured Supplementary Service Data (USSD); Stage 3	N4			3.0.0	4.0.1	5.0.0		
<a href="#">24.091</a>	Explicit Call Transfer (ECT) Supplementary Service; Stage 3	N4			3.0.0	4.0.1	5.0.0		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">24.093</a>	Call Completion to Busy Subscriber (CCBS); Stage 3	N4			3.0.0	4.0.1	5.0.0		
<a href="#">24.096</a>	Name Identification Supplementary Service; Stage 3	N4			3.0.0	4.0.1	5.0.0		

<a href="#">24.109</a>	Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details	N1						6.0.0	
<a href="#">24.135</a>	Multicast supplementary service; Stage 3	N4			3.2.0	4.1.1	5.0.0		
<a href="#">24.141</a>	Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	N1						6.1.0	
<a href="#">24.147</a>	Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	N1						6.0.0	
<a href="#">24.228</a>	Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	N1					5.10.0		
<a href="#">24.229</a>	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3	N1					5.10.0	6.4.0	
<a href="#">24.234</a>	3GPP system to Wireless Local Area Network (WLAN) interworking; User Equipment (UE) to network protocols; Stage 3	N1						6.0.0	
<a href="#">24.241</a>	3GPP Generic User Profile (GUP) Common objects; Stage 3	N4						0.5.0	
<a href="#">24.247</a>	Messaging using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3	N1						1.2.0	
<a href="#">24.841</a>	Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details	N1						6.0.0	
<a href="#">25.101</a>	User Equipment (UE) radio transmission and reception (FDD)	R4			3.17.0	4.11.0	5.12.0	6.5.0	
<a href="#">25.102</a>	User Equipment (UE) radio transmission and reception (TDD)	R4			3.12.0	4.7.0	5.6.0	6.0.0	
<a href="#">25.103</a>	RF parameters in support of RRM <i>spec withdrawn</i>	-			2.0.0				
<a href="#">25.104</a>	Base Station (BS) radio transmission and reception (FDD)	R4			3.12.0	4.7.0	5.9.0	6.7.0	
<a href="#">25.105</a>	Base Station (BS) radio transmission and reception (TDD)	R4			3.13.0	4.8.0	5.6.0	6.1.0	
<a href="#">25.106</a>	UTRA repeater radio transmission and reception	R4				4.8.0	5.8.0	6.2.0	
<a href="#">25.107</a>	UTRA Repeater; Conformance testing <i>spec withdrawn</i>	-				0.0.1			
<a href="#">25.113</a>	Base station and repeater electromagnetic compatibility (EMC)	R4			3.5.0	4.4.0	5.5.0	6.0.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">25.123</a>	Requirements for support of radio resource management (TDD)	R4			3.14.0	4.13.0	5.10.0	6.3.0	
<a href="#">25.133</a>	Requirements for support of radio resource management (FDD)	R4			3.19.0	4.13.0	5.12.0	6.7.0	
<a href="#">25.141</a>	Base Station (BS) conformance testing (FDD)	R4			3.13.0	4.8.0	5.9.0	6.7.0	
<a href="#">25.142</a>	Base Station (BS) conformance testing (TDD)	R4			3.13.0	4.9.0	5.7.0	6.1.0	
<a href="#">25.143</a>	UTRA repeater conformance testing	R4				4.10.0	5.8.0	6.2.0	
<a href="#">25.171</a>	Requirements for support of Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)	R4						6.0.0	
<a href="#">25.201</a>	Physical layer - general description	R1			3.4.0	4.3.0	5.2.0	6.0.0	
<a href="#">25.211</a>	Physical channels and mapping of transport channels onto physical channels (FDD)	R1			3.12.0	4.6.0	5.6.0	6.2.0	

Hannu proposes not to upgrade. Check why.

<a href="#">25.212</a>	Multiplexing and channel coding (FDD)	R1			<b>3.11.0</b>	<b>4.6.0</b>	<b>5.9.0</b>	<b>6.2.0</b>	
<a href="#">25.213</a>	Spreading and modulation (FDD)	R1			<b>3.9.0</b>	<b>4.4.0</b>	<b>5.5.0</b>	<b>6.0.0</b>	
<a href="#">25.214</a>	Physical layer procedures (FDD)	R1			<b>3.12.0</b>	<b>4.6.0</b>	<b>5.9.0</b>	<b>6.3.0</b>	
<a href="#">25.215</a>	Physical layer; Measurements (FDD)	R1			<b>3.12.0</b>	<b>4.7.0</b>	<b>5.5.0</b>	<b>6.0.0</b>	
<a href="#">25.221</a>	Physical channels and mapping of transport channels onto physical channels (TDD)	R1			<b>3.11.0</b>	<b>4.7.0</b>	<b>5.5.0</b>	<b>6.1.0</b>	
<a href="#">25.222</a>	Multiplexing and channel coding (TDD)	R1			<b>3.10.0</b>	<b>4.8.0</b>	<b>5.7.0</b>	<b>6.1.0</b>	
<a href="#">25.223</a>	Spreading and modulation (TDD)	R1			<b>3.8.0</b>	<b>4.5.0</b>	<b>5.3.0</b>	<b>6.0.0</b>	
<a href="#">25.224</a>	Physical layer procedures (TDD)	R1			<b>3.13.0</b>	<b>4.11.0</b>	<b>5.8.0</b>	<b>6.2.0</b>	
<a href="#">25.225</a>	Physical layer; Measurements (TDD)	R1			<b>3.12.0</b>	<b>4.8.0</b>	<b>5.7.0</b>	<b>6.1.0</b>	
<a href="#">25.301</a>	Radio interface protocol architecture	R2			<b>3.11.0</b>	<b>4.4.0</b>	<b>5.3.0</b>	<b>6.0.0</b>	
<a href="#">25.302</a>	Services provided by the physical layer	R2			<b>3.16.0</b>	<b>4.8.0</b>	<b>5.7.0</b>	<b>6.1.0</b>	
<a href="#">25.303</a>	Interlayer procedures in Connected Mode	R2			<b>3.12.0</b>	<b>4.5.0</b>	<b>5.1.0</b>	<b>6.1.0</b>	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">25.304</a>	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode	R2			<b>3.14.0</b>	<b>4.8.0</b>	<b>5.6.0</b>	<b>6.3.0</b>	
<a href="#">25.305</a>	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2	R2			<b>3.11.0</b>	<b>4.7.0</b>	<b>5.9.0</b>	<b>6.1.0</b>	
<a href="#">25.306</a>	UE Radio Access capabilities definition	R2			<b>3.10.0</b>	<b>4.9.0</b>	<b>5.8.0</b>	<b>6.2.0</b>	
<a href="#">25.307</a>	Requirements on User Equipments (Ues) supporting a release-independent frequency band	R2			<b>3.4.0</b>	<b>4.4.0</b>	<b>5.3.0</b>	<b>6.1.0</b>	
<a href="#">25.308</a>	UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2	R2					<b>5.6.0</b>	<b>6.2.0</b>	
<a href="#">25.309</a>	FDD enhanced uplink; Overall description; Stage 2	R2						<b>6.0.0</b>	
<a href="#">25.321</a>	Medium Access Control (MAC) protocol specification	R2			<b>3.17.0</b>	<b>4.10.0</b>	<b>5.9.0</b>	<b>6.2.0</b>	
<a href="#">25.322</a>	Radio Link Control (RLC) protocol specification	R2			<b>3.18.0</b>	<b>4.12.0</b>	<b>5.8.0</b>	<b>6.1.0</b>	
<a href="#">25.323</a>	Packet Data Convergence Protocol (PDCP) specification	R2			<b>3.10.0</b>	<b>4.6.0</b>	<b>5.2.0</b>	<b>6.0.0</b>	
<a href="#">25.324</a>	Broadcast/Multicast Control (BMC)	R2			<b>3.8.0</b>	<b>4.4.0</b>	<b>5.4.0</b>	<b>6.1.0</b>	
<a href="#">25.331</a>	Radio Resource Control (RRC) protocol specification	R2			<b>3.20.0</b>	<b>4.15.0</b>	<b>5.10.0</b>	<b>6.3.0</b>	
<a href="#">25.346</a>	Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN); Stage 2	R2						<b>6.2.0</b>	
<a href="#">25.401</a>	UTRAN overall description	R3			<b>3.10.0</b>	<b>4.6.0</b>	<b>5.9.0</b>	<b>6.4.0</b>	
<a href="#">25.402</a>	Synchronisation in UTRAN Stage 2	R3			<b>3.10.0</b>	<b>4.6.0</b>	<b>5.3.0</b>	<b>6.0.0</b>	
<a href="#">25.410</a>	UTRAN Iu Interface: General Aspects and Principles	R3			<b>3.8.0</b>	<b>4.5.0</b>	<b>5.4.0</b>	<b>6.1.0</b>	
<a href="#">25.411</a>	UTRAN Iu interface layer 1	R3			<b>3.5.0</b>	<b>4.1.0</b>	<b>5.1.0</b>	<b>6.1.0</b>	
<a href="#">25.412</a>	UTRAN Iu interface signalling transport	R3			<b>3.6.0</b>	<b>4.1.0</b>	<b>5.1.0</b>	<b>6.0.0</b>	
<a href="#">25.413</a>	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling	R3			<b>3.14.0</b>	<b>4.12.0</b>	<b>5.10.0</b>	<b>6.3.0</b>	
<a href="#">25.414</a>	UTRAN Iu interface data transport & transport signalling	R3			<b>3.13.0</b>	<b>4.7.0</b>	<b>5.7.0</b>	<b>6.2.0</b>	
<a href="#">25.415</a>	UTRAN Iu interface user plane protocols	R3			<b>3.12.0</b>	<b>4.7.0</b>	<b>5.4.0</b>	<b>6.1.0</b>	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">25.419</a>	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)	R3			<b>3.11.0</b>	<b>4.10.0</b>	<b>5.7.0</b>	<b>6.1.0</b>	
<a href="#">25.420</a>	UTRAN Iur Interface: General Aspects and Principles	R3			<b>3.5.0</b>	<b>4.2.0</b>	<b>5.2.0</b>	<b>6.1.0</b>	
<a href="#">25.421</a>	UTRAN Iur interface Layer 1	R3			<b>3.1.0</b>	<b>4.0.0</b>	<b>5.0.0</b>	<b>6.0.0</b>	
<a href="#">25.422</a>	UTRAN Iur interface signalling transport	R3			<b>3.6.1</b>	<b>4.2.0</b>	<b>5.1.0</b>	<b>6.0.0</b>	
<a href="#">25.423</a>	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling	R3			<b>3.14.2</b>	<b>4.12.1</b>	<b>5.11.0</b>	<b>6.3.0</b>	

<a href="#">25.424</a>	UTRAN Iur interface data transport & transport signalling for CCH data streams	R3				3.9.0	4.3.0	5.4.0	6.1.0	
<a href="#">25.425</a>	UTRAN Iur interface user plane protocols for CCH data streams	R3				3.8.0	4.4.0	5.7.0	6.1.0	
<a href="#">25.426</a>	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams	R3				3.9.0	4.4.0	5.6.0	6.3.0	
<a href="#">25.427</a>	UTRAN Iur and Iub interface user plane protocols for DCH data streams	R3				3.11.0	4.5.0	5.3.0	6.0.0	
<a href="#">25.430</a>	UTRAN Iub Interface: General Aspects and Principles	R3				3.8.0	4.4.0	5.4.0	6.2.0	
<a href="#">25.431</a>	UTRAN Iub interface Layer 1	R3				3.1.0	4.0.0	5.0.0	6.0.0	
<a href="#">25.432</a>	UTRAN Iub interface: signalling transport	R3				3.1.0	4.0.0	5.1.0	6.0.0	
<a href="#">25.433</a>	UTRAN Iub interface NBAP signalling	R3				3.14.2	4.13.0	5.10.0	6.3.0	
<a href="#">25.434</a>	UTRAN Iub interface data transport & transport signalling for CCH data streams	R3				3.8.0	4.4.0	5.4.0	6.1.0	
<a href="#">25.435</a>	UTRAN Iub interface user plane protocols for CCH data streams	R3				3.11.0	4.6.0	5.7.0	6.1.0	
<a href="#">25.442</a>	UTRAN implementation-specific O&M transport	R3				3.1.0	4.0.0	5.1.0	6.0.0	
<a href="#">25.450</a>	UTRAN Iupc interface general aspects and principles	R3						5.1.0	6.0.0	
<a href="#">25.451</a>	UTRAN Iupc interface layer 1	R3						5.0.1	6.0.0	
<a href="#">25.452</a>	UTRAN Iupc interface: signalling transport	R3						5.0.0	6.0.0	
<a href="#">25.453</a>	UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling	R3						5.9.0	6.6.0	
Spec no.	Title	WG	R97	R98	R99	Rel-4	Rel-5	Rel-6	Rel-7	
<a href="#">25.460</a>	UTRAN Iuant interface: General aspects and principles	R3						6.0.0		
<a href="#">25.461</a>	UTRAN Iuant interface: Layer 1	R3						6.0.0		
<a href="#">25.462</a>	UTRAN Iuant interface: Signalling transport	R3						6.0.0		
<a href="#">25.463</a>	UTRAN Iuant interface: Remote Electrical Tilting (RET) antennas Application Part (RETAP) signalling	R3						6.0.0		
<a href="#">25.801</a>	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		
<a href="#">25.802</a>	Remote control of electrical tilting antennas	R3						6.0.0		
<a href="#">25.803</a>	S-CCPCH performance for MBMS	R1						1.4.1		
<a href="#">25.804</a>	Feasibility study on uplink enhancements for UTRA TDD	R1						0.3.2		
<a href="#">25.805</a>	DS-CDMA introduction in the 800 MHz band	R4						0.3.0		
<a href="#">25.806</a>	UMTS 1700/2100MHz Work Item	R4						6.0.0		
<a href="#">25.807</a>	Low output powers for general purpose Frequency Division Duplex (FDD) Base Station (BS)	R3						6.0.0		
<a href="#">25.808</a>	FDD enhanced uplink; Physical layer aspects	R1						0.2.3		
<a href="#">25.831</a>	Study Items for future release <i>spec withdrawn</i>	R3			0.0.2					
<a href="#">25.832</a>	Manifestations of Handover and SRNS relocation	R3			3.0.0	4.0.0				
<a href="#">25.833</a>	Physical layer items not for inclusion in Release 99	R1			3.0.0					
<a href="#">25.834</a>	UTRA TDD low chip rate option; Radio protocol aspects	R2				4.1.0				
<a href="#">25.835</a>	Report on hybrid ARQ type II/III <i>spec withdrawn</i>	R2				1.0.0				
<a href="#">25.836</a>	Node B synchronization for TDD	R1				4.1.0				
<a href="#">25.837</a>	Hybrid ARQ Type II/III (Iub/Iur aspects) <i>spec withdrawn</i>	R3				0.1.0				
<a href="#">25.838</a>	Node B Synchronisation for TDD (Iub/Iur aspects)	R3				4.1.0				
Spec no.	Title	WG	R97	R98	R99	Rel-4	Rel-5	Rel-6	Rel-7	

<a href="#">25.839</a>	Uplink Synchronous Transmission Scheme (USTS) (Iur/Iub aspects) <b>spec withdrawn</b>	R3					0.3.0			
<a href="#">25.840</a>	Terminal power saving features	R1					4.0.0			
<a href="#">25.841</a>	DSCH power control improvement in soft handover	R1					4.1.0			
<a href="#">25.842</a>	Smart antenna <b>spec withdrawn</b>	R1					1.0.0			
<a href="#">25.843</a>	1,28 Mcps TDD UE Radio Access Capabilities	R2					4.1.0			
<a href="#">25.844</a>	Radio access bearer support enhancements	R2					4.3.0			
<a href="#">25.845</a>	FDD RACH and AICH performance requirements <b>spec withdrawn</b>	R4					0.0.3			
<a href="#">25.847</a>	UE positioning enhancements	R2					4.0.0			
<a href="#">25.848</a>	Physical Layer Aspects of UTRA High Speed Downlink Packet Access	R1					4.0.0			
<a href="#">25.849</a>	DSCH power control improvement in soft handover	R3					4.0.0			
<a href="#">25.850</a>	UE positioning in UTRAN Iub/Iur protocol aspects	R3					4.3.0			
<a href="#">25.851</a>	RAB Quality of Service (QoS) Renegotiation over Iu	R3					4.0.0			
<a href="#">25.852</a>	Iu enhancements for IP Multimedia (IMS) support in UTRAN	R3					0.1.2		0.0.0	
<a href="#">25.853</a>	Delay budget within the access stratum	R3			3.1.0		4.0.0			
<a href="#">25.854</a>	Uplink Synchronous Transmission Scheme (USTS)	R1						5.0.0		
<a href="#">25.855</a>	High Speed Downlink Packet Access (HSDPA); Overall UTRAN description <b>spec withdrawn</b>	R2						5.0.0		
<a href="#">25.858</a>	Physical layer aspects of UTRA High Speed Downlink Packet Access	R1						5.0.0		
<a href="#">25.859</a>	User Equipment (UE) positioning enhancements for 1,28 Mcps TDD	R2						5.0.0		
<a href="#">25.860</a>	Radio access bearer support enhancements	R2						5.0.0		
<a href="#">25.862</a>	RAB support for IMS	R2							1.2.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>	
<a href="#">25.867</a>	Feasibility study for wideband distribution systems in 3rd generation networks <b>spec withdrawn</b>	R4					1.3.0	1.0.0		
<a href="#">25.868</a>	Node B synchronization for 1,28 Mcps TDD	R1					5.0.1			
<a href="#">25.869</a>	Transmitter diversity solutions for multiple antennas <b>spec withdrawn</b>	R1					1.2.1	1.2.0		
<a href="#">25.870</a>	Enhancement on the DSCH Hard Split mode	R1					5.0.0			
<a href="#">25.875</a>	NAS node selector function	R3					5.0.0			
<a href="#">25.876</a>	Multiple Input Multiple Output (MIMO) antennae in UTRA	R1					1.7.0	1.5.1	Y	
<a href="#">25.877</a>	High Speed Downlink Packet Access (HSDPA) - Iub/Iur Protocol Aspects	R3					5.1.0			
<a href="#">25.878</a>	RL timing adjustment	R3					5.1.0			
<a href="#">25.879</a>	Separation of resource reservation and radio link activation	R3					5.0.0			
<a href="#">25.880</a>	Re-arrangement of Iub transport bearers	R3					5.0.0			
<a href="#">25.881</a>	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS	R3					5.0.0			
<a href="#">25.882</a>	1,28 Mcps TDD option base station classification	R4					5.0.0			
<a href="#">25.883</a>	Direct Transport Bearers Between SRNC and Node-B	R3					5.0.0			
<a href="#">25.884</a>	Iur Neighbouring cell reporting efficiency optimisation	R3					5.0.0			
<a href="#">25.885</a>	UMTS 1800 / 1900 MHz work items report <b>spec withdrawn</b>	R4					1.0.0			
<a href="#">25.887</a>	Beamforming enhancements	R1					1.0.0	6.0.0		

<a href="#">25.888</a>	Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD	R1					1.0.0	6.0.0	
<a href="#">25.889</a>	Feasibility study considering the viable deployment of UTRA in additional and diverse spectrum arrangements	R4						6.0.0	
<a href="#">25.890</a>	High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD) <i>spec withdrawn</i>	R4					1.0.0		
<a href="#">25.891</a>	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5	R3						0.3.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">25.892</a>	Feasibility study for Orthogonal Frequency Division Multiplexing (OFDM) for UTRAN enhancement	R1						6.0.0	
<a href="#">25.895</a>	Analysis of higher chip rates for UTRA TDD evolution	R1						6.0.0	
<a href="#">25.896</a>	Feasibility study for enhanced uplink for UTRA FDD	R1						6.0.0	
<a href="#">25.897</a>	Feasibility study on the evolution of UTRAN architecture	R3						0.3.1	
<a href="#">25.898</a>	Power control enhancements for UTRA	R1						0.1.0	
<a href="#">25.899</a>	High Speed Download Packet Access (HSDPA) enhancements	R1						6.1.0	
<a href="#">25.901</a>	Network Assisted Cell Change (NACC) from UTRAN to GERAN; Network side aspects	R3						6.1.0	
<a href="#">25.909</a>	Enhanced uplink UTRA FDD; UTRAN Iub/Iur protocol aspects <i>spec withdrawn</i>	R3						0.0.1	
<a href="#">25.921</a>	Guidelines and principles for protocol description and error handling	R2			3.11.0	4.8.0	5.5.0		
<a href="#">25.922</a>	Radio resource management strategies	R2			3.8.0	4.3.0	5.3.0	6.0.1	
<a href="#">25.923</a>	Stage 2 Functional Specification of Location Services in UTRAN <i>spec withdrawn</i>	-			1.4.0				
<a href="#">25.924</a>	Opportunity Driven Multiple Access (ODMA) <i>spec withdrawn</i>	R2				1.0.0			
<a href="#">25.925</a>	Radio Interface for Broadcast/Multicast Services	R2			3.4.0				
<a href="#">25.926</a>	UE Radio Access capabilities definition <i>spec withdrawn</i>	R2			3.3.0				
<a href="#">25.928</a>	1,28 Mcps functionality for UTRA TDD physical layer	R1				4.0.1			
<a href="#">25.931</a>	UTRAN Functions, examples on signalling procedures	R3			3.7.0	4.4.0	5.1.0		
<a href="#">25.932</a>	Delay budget within the access stratum <i>spec withdrawn</i>	R3				2.0.0			
<a href="#">25.933</a>	IP transport in UTRAN	R3				2.0.0	5.4.0		
<a href="#">25.934</a>	AAL2 QoS optimization	R3				4.0.0			
<a href="#">25.935</a>	RRM optimisation	R3				4.1.0			
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">25.936</a>	Handover for realtime services from PS-domain	R3				4.0.1			
<a href="#">25.937</a>	UTRAN TDD low chiprate	R3				4.1.0			
<a href="#">25.938</a>	Terminal power saving features <i>spec withdrawn</i>	R3				2.0.0			
<a href="#">25.941</a>	Document structure	R4			3.1.0				
<a href="#">25.942</a>	Radio Frequency (RF) system scenarios	R4			3.3.0	4.2.0	5.3.0	6.3.0	
<a href="#">25.943</a>	Deployment aspects	R4				4.2.0	5.1.0		
<a href="#">25.944</a>	Channel coding and multiplexing examples	R1			3.5.0	4.1.0			
<a href="#">25.945</a>	RF requirements for low chip rate TDD option	R4				4.1.1	5.1.0		
<a href="#">25.946</a>	RAB Quality of Service (QoS) Negotiation over Iu	R3				4.0.0			
<a href="#">25.950</a>	UTRA high speed downlink packet access	R2				4.0.0			



<a href="#">25.951</a>	Base Station (BS) classification (FDD)	R4				1.1.0	1.5.1	6.2.0	
<a href="#">25.952</a>	Base Station classification (TDD)	R4				1.1.0	5.2.0		
<a href="#">25.953</a>	TrFO/TFO	R3				4.0.0			
<a href="#">25.954</a>	Migration to modification procedure	R3				4.0.0			
<a href="#">25.956</a>	UTRA repeater: Planning guidelines and system analysis	R4				4.0.0	5.0.0		
<a href="#">25.990</a>	Vocabulary for UTRAN <i>spec withdrawn</i>	R4			3.0.0				
<a href="#">25.991</a>	Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment	R4					5.1.0		
<a href="#">25.992</a>	Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements	RP						6.0.0	
<a href="#">25.993</a>	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)	R2			3.1.0	4.1.0	5.1.0	6.7.0	
<a href="#">25.994</a>	Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults	R2					0.0.0		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">25.995</a>	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		
<a href="#">25.996</a>	Spacial channel model for Multiple Input Multiple Output (MIMO) simulations	R1						6.1.0	
<a href="#">25.998</a>	UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release <i>spec withdrawn</i>	R2						0.0.1	
<a href="#">26.071</a>	AMR speech Codec; General description	S4			3.0.1	4.0.0	5.0.0		
<a href="#">26.073</a>	AMR speech Codec; C-source code	S4			3.3.0	4.1.0	5.3.0		
<a href="#">26.074</a>	AMR speech Codec; Test sequences	S4			3.1.1	4.0.1	5.0.0		
<a href="#">26.075</a>	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec <i>spec withdrawn</i>	-			1.2.0				
<a href="#">26.077</a>	Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder	S4				4.0.0	5.0.1		
<a href="#">26.078</a>	Results of the AMR noise suppression selection phase <i>spec withdrawn</i>	S4				4.0.0			
<a href="#">26.090</a>	AMR speech Codec; Transcoding Functions	S4			3.1.0	4.0.0	5.0.0		
<a href="#">26.091</a>	AMR speech Codec; Error concealment of lost frames	S4			3.1.0	4.0.0	5.0.0		
<a href="#">26.092</a>	AMR speech Codec; comfort noise for AMR Speech Traffic Channels	S4			3.0.1	4.0.0	5.0.0		
<a href="#">26.093</a>	AMR speech Codec; Source Controlled Rate operation	S4			3.3.0	4.0.0	5.2.0	6.0.0	
<a href="#">26.094</a>	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels	S4			3.0.0	4.0.0	5.0.0		
<a href="#">26.101</a>	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	
<a href="#">26.102</a>	Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu	S4			3.4.0	4.1.0	5.2.0	6.0.0	
<a href="#">26.103</a>	Speech codec list for GSM and UMTS	S4			3.2.0	4.3.0	5.5.0	6.0.0	



<a href="#">26.104</a>	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	
<a href="#">26.110</a>	Codec for circuit switched multimedia telephony service; General description	S4			3.1.0	4.1.0	5.0.0		
<a href="#">26.111</a>	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324	S4			3.4.0	4.0.0	5.1.0	6.0.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">26.112</a>	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements <i>spec withdrawn</i>	S4			1.1.0				
<a href="#">26.115</a>	Echo control for speech and multi-media services	S4			0.0.1	4.0.0	5.0.0		
<a href="#">26.131</a>	Terminal acoustic characteristics for telephony; Requirements	S4			3.4.0	4.2.0	5.2.0	6.0.0	
<a href="#">26.132</a>	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification	S4			3.5.0	4.3.0	5.4.0	6.0.0	
<a href="#">26.140</a>	Multimedia Messaging Service (MMS); Media formats and codes	S4					5.2.0	6.0.0	
<a href="#">26.171</a>	AMR speech codec, wideband; General description	S4					5.0.0		
<a href="#">26.173</a>	ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4					5.8.0		
<a href="#">26.174</a>	AMR speech codec, wideband; Test sequences	S4					5.4.0		
<a href="#">26.190</a>	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions	S4					5.1.0		
<a href="#">26.191</a>	AMR speech codec, wideband; Error concealment of lost frames	S4					5.1.0		
<a href="#">26.192</a>	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects	S4					5.0.0		
<a href="#">26.193</a>	AMR speech codec, wideband; Source Controlled Rate operation	S4					5.0.0		
<a href="#">26.194</a>	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)	S4					5.0.0		
<a href="#">26.201</a>	AMR speech codec, wideband; Frame structure	S4					5.0.0		
<a href="#">26.202</a>	AMR speech codec, wideband; Interface to lu and Uu	S4					5.1.0		
<a href="#">26.204</a>	ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec	S4					5.2.0		
<a href="#">26.226</a>	Cellular text telephone modem; General description	S4				4.0.0	5.0.0		
<a href="#">26.230</a>	Cellular text telephone modem; Transmitter bit exact C-code	S4				4.0.0	5.0.2		
<a href="#">26.231</a>	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements	S4					5.2.0		
<a href="#">26.233</a>	End-to-end transparent streaming service; General description	S4				4.2.0	5.0.0	6.0.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">26.234</a>	Transparent end-to-end streaming service; Protocols and codecs	S4				4.5.0	5.6.0	6.1.0	
<a href="#">26.235</a>	Packet switched conversational multimedia applications; Default codecs	S4				4.1.0	5.1.0	6.2.0	
<a href="#">26.236</a>	Packet switched conversational multimedia applications; Transport protocols	S4					5.5.0	6.0.0	

<a href="#">26.243</a>	ANSI C code for the fixed-point distributed speech recognition extended advanced front-end	S4						6.0.0	
<a href="#">26.244</a>	Transparent end-to-end streaming service; 3GPP file format (3GP)	S4						6.1.0	
<a href="#">26.245</a>	Transparent end-to-end Packet switched Streaming Service (PS); Timed text format	S4						6.0.0	
<a href="#">26.246</a>	Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile	S4						6.0.0	
<a href="#">26.273</a>	Fixed-point ANSI-C code for the Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec	S4						1.0.0	
<a href="#">26.290</a>	Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Transcoding functions	S4						6.0.0	
<a href="#">26.304</a>	Floating-point ANSI-C code for the Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec	S4						6.0.0	
<a href="#">26.346</a>	Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs	S4						1.5.0	
<a href="#">26.401</a>	General audio codec audio processing functions; Enhanced aacPlus general audio codec; General description	S4						6.0.0	
<a href="#">26.402</a>	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Additional decoder tools	S4						6.0.0	
<a href="#">26.403</a>	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Advanced Audio Coding (AAC) part	S4						6.0.0	
<a href="#">26.404</a>	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Spectral Band Replication (SBR) part	S4						6.0.0	
<a href="#">26.405</a>	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Parametric stereo part	S4						6.0.0	
<a href="#">26.410</a>	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Floating-point ANSI-C code	S4						6.0.0	
<a href="#">26.901</a>	AMR wideband speech codec; Feasibility study report	S4				4.0.1			
<a href="#">26.911</a>	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide	S4			3.4.0	4.2.0	5.1.0	6.0.0	
<a href="#">26.912</a>	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G	S4			3.0.0	4.0.0			
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">26.913</a>	Quantitative performance evaluation of real-time packet switched multimedia services over 3G <i>spec withdrawn</i>	S4			0.0.1				
<a href="#">26.915</a>	Echo Control For Speech and Multi-Media Services	S4			3.0.0				
<a href="#">26.920</a>	Architectural Model for the 3G Transcoders <i>spec withdrawn</i>	S4				0.1.1			

<a href="#">26.935</a>	Packet Switched (PS) conversational multimedia applications; Performance characterization of default codecs	S4						6.0.0	
<a href="#">26.937</a>	Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model	S4					5.0.0	6.0.0	
<a href="#">26.946</a>	Multimedia Broadcast/Multicast Service (MBMS) user service guidelines	S4						0.0.2	
<a href="#">26.975</a>	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec	S4			3.1.0	4.1.0	5.0.0		
<a href="#">26.976</a>	Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec	S4					5.1.0		
<a href="#">26.978</a>	Results of the AMR noise suppression selection phase	S4				4.0.0			
<a href="#">27.001</a>	General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)	N3			3.15.0	4.12.0	5.8.0		
<a href="#">27.002</a>	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities	N3			3.5.0	4.0.0	5.0.0		
<a href="#">27.003</a>	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities	N3			3.5.0	4.1.0	5.0.0		
<a href="#">27.005</a>	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)	T2			3.2.0	4.2.0	5.0.0		
<a href="#">27.007</a>	AT command set for User Equipment (UE)	T2			3.13.0	4.6.0	5.4.0	6.6.0	
<a href="#">27.00U</a>	Principles for handling of data services in the UMTS <i>spec withdrawn</i>	S5							
<a href="#">27.010</a>	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol	T2			3.4.0	4.2.0	5.0.0		
<a href="#">27.060</a>	Packet domain; Mobile Station (MS) supporting Packet Switched services	N3			3.8.0	4.3.1	5.6.0	6.0.0	
<a href="#">27.103</a>	Wide Area Network Synchronization	T2			3.1.0	4.0.0	5.0.0		
<a href="#">27.104</a>	vObjects and other constructs for data synchronization <i>spec withdrawn</i>	T2					0.1.1		
<a href="#">27.901</a>	Report on Terminal Interfaces - An Overview	T2			3.1.0	4.1.0	5.0.0		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">27.903</a>	Discussion of synchronization standards	T2			3.0.0	4.0.0			
<a href="#">28.062</a>	Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3	S4			3.0.0	4.5.0	5.4.0	6.0.0	
<a href="#">29.002</a>	Mobile Application Part (MAP) specification	N4			3.20.0	4.15.0	5.10.0	6.7.0	
<a href="#">29.004</a>	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN) <i>spec withdrawn</i>	N3			3.0.0				
<a href="#">29.005</a>	Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access <i>spec withdrawn</i>	N3			3.0.0				
<a href="#">29.006</a>	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services <i>spec withdrawn</i>	N3			3.0.0				

<a href="#">29.007</a>	General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	N3				3.15.0	4.11.0	5.10.0		
<a href="#">29.010</a>	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	N4				3.12.0	4.8.0	5.7.0	6.4.0	
<a href="#">29.011</a>	Signalling Interworking for Supplementary Services	N4				3.0.0	4.0.1	5.0.0		
<a href="#">29.013</a>	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	N4				3.0.0	4.0.1	5.0.0		
<a href="#">29.016</a>	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	N1				3.1.0	4.1.0	5.0.0		
<a href="#">29.018</a>	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification	N1				3.11.0	4.5.0	5.5.0	6.1.0	
<a href="#">29.060</a>	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface	N4				3.19.0	4.11.0	5.11.0	6.6.0	
<a href="#">29.061</a>	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)	N3				3.14.0	4.10.0	5.9.0	6.2.0	
<a href="#">29.078</a>	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification	N4				3.15.0	4.8.0	5.9.0	6.3.0	
<a href="#">29.108</a>	Application of the Radio Access Network Application Part (RANAP) on the E-interface	R3				3.3.0	4.4.0	5.4.0	6.1.0	
<a href="#">29.109</a>	Generic Authentication Architecture (GAA); Zh and Zn Interfaces based on the Diameter protocol; Stage 3	N4							6.0.0	
<a href="#">29.119</a>	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)	N4				3.0.0	4.0.0	5.0.0		
<a href="#">29.120</a>	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3	N4				3.1.0	4.0.0	5.0.0		
<a href="#">29.140</a>	Multimedia Messaging Service (MMS); MM10 interface based on Diameter protocol; Stage 3	T2							1.0.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>	
<a href="#">29.161</a>	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services with Wireless Local Area Network (WLAN) access and Packet data Networks (PDNs)	N3						6.0.0		
<a href="#">29.162</a>	Interworking between the IM CN subsystem and IP networks	N3					1.0.0	1.1.1		
<a href="#">29.163</a>	Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks	N3					1.3.1	6.4.0		
<a href="#">29.198</a>	Open Service Architecture (OSA) Application Programming Interface (API) - Part 1	N5			3.4.0					
<a href="#">29.198-01</a>	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview	N5				4.3.6	5.7.0	6.2.0		

<a href="#">29.198-02</a>	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data	N5					4.7.0	5.8.0	6.2.0	
<a href="#">29.198-03</a>	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework	N5					4.9.0	5.8.0	6.2.0	
<a href="#">29.198-04</a>	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control	N5					4.10.0	5.0.0		
<a href="#">29.198-04-1</a>	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions	N5						5.7.0	6.3.0	
<a href="#">29.198-04-2</a>	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data Service Capability Feature (SCF)	N5						5.8.0	6.2.0	
<a href="#">29.198-04-3</a>	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF)	N5						5.8.0	6.3.0	
<a href="#">29.198-04-4</a>	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF)	N5						5.8.0	6.3.0	
<a href="#">29.198-05</a>	Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction	N5					4.9.0	5.8.0	6.2.0	
<a href="#">29.198-06</a>	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility	N5					4.5.0	5.6.0	6.3.0	
<a href="#">29.198-07</a>	Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities	N5					4.5.0	5.7.0	6.2.0	
<a href="#">29.198-08</a>	Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control	N5					4.8.0	5.7.0	6.2.0	
<a href="#">29.198-11</a>	Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management	N5					4.5.0	5.6.0	6.2.0	
<a href="#">29.198-12</a>	Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging	N5					4.5.0	5.7.0	6.2.0	
<a href="#">29.198-13</a>	Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF	N5						5.6.0	6.2.0	
<a href="#">29.198-14</a>	Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM)	N5						5.7.0	6.2.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>	
<a href="#">29.198-15</a>	Open Service Access (OSA) Application Programming Interface (API); Part 15: Multi-media Messaging (MM) Service Capability Feature (SCF)	N5						6.0.0		
<a href="#">29.199</a>	Open Service Access (OSA); Web Services Application Programming Interface (API) for OSA; Parlay X services <b>spec withdrawn</b>	N5						1.0.1		
<a href="#">29.199-01</a>	Open Service Access (OSA); Parlay X web services; Part 1: Common	N5						6.0.0		
<a href="#">29.199-02</a>	Open Service Access (OSA); Parlay X web services; Part 2: Third party call	N5						6.0.0		
<a href="#">29.199-03</a>	Open Service Access (OSA); Parlay X web services; Part 3: Call notification	N5						6.0.0		

<a href="#">29.199-04</a>	Open Service Access (OSA); Parlay X web services; Part 4: Short messaging	N5						6.0.0	
<a href="#">29.199-05</a>	Open Service Access (OSA); Parlay X web services; Part 5: Multimedia messaging	N5						6.0.0	
<a href="#">29.199-06</a>	Open Service Access (OSA); Parlay X web services; Part 6: Payment	N5						6.0.0	
<a href="#">29.199-07</a>	Open Service Access (OSA); Parlay X web services; Part 7: Account management	N5						6.0.0	
<a href="#">29.199-08</a>	Open Service Access (OSA); Parlay X web services; Part 8: User status	N5						6.0.0	
<a href="#">29.199-09</a>	Open Service Access (OSA); Parlay X web services; Part 9: Terminal location	N5						6.0.0	
<a href="#">29.199-10</a>	Open Service Access (OSA); Parlay X web services; Part 10: Call handling	N5						6.0.0	
<a href="#">29.199-11</a>	Open Service Access (OSA); Parlay X web services; Part 11: Audio call	N5						6.0.0	
<a href="#">29.199-12</a>	Open Service Access (OSA); Parlay X web services; Part 12: Multimedia conference	N5						6.0.0	
<a href="#">29.199-13</a>	Open Service Access (OSA); Parlay X web services; Part 13: Address list management	N5						6.0.0	
<a href="#">29.199-14</a>	Open Service Access (OSA); Parlay X web services; Part 14: Presence	N5						6.0.0	
<a href="#">29.202</a>	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3	N4				4.3.0	5.2.0		
<a href="#">29.205</a>	Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3	N4				4.2.0	5.1.0		
<a href="#">29.207</a>	Policy control over Go interface	N3					5.9.0	6.1.0	
<a href="#">29.208</a>	End to end Quality of Service (QoS) signalling flows	N3					5.8.0	6.1.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">29.209</a>	Policy control over Gq interface	N3						6.0.0	
<a href="#">29.210</a>	Charging rule provisioning over Gx interface	N3						1.1.0	
<a href="#">29.211</a>	Rx interface for Flow Based Charging (FBC)	N3						1.0.0	
<a href="#">29.228</a>	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents	N4					5.9.0	6.4.0	
<a href="#">29.229</a>	Cx and Dx interfaces based on the Diameter protocol; Protocol details	N4					5.8.0	6.2.0	
<a href="#">29.230</a>	Diameter applications; 3GPP specific codes and identifiers	N4						6.1.0	
<a href="#">29.232</a>	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3	N4				4.9.0	5.8.0		
<a href="#">29.234</a>	3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3	N4						6.0.0	
<a href="#">29.240</a>	Generic User Profile (GUP); Stage 3; Network	N4						0.3.0	
<a href="#">29.278</a>	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)	N4					5.3.0		
<a href="#">29.328</a>	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents	N4					5.7.0	6.3.0	
<a href="#">29.329</a>	Sh interface based on the Diameter protocol	N4					5.7.0	6.2.0	

<a href="#">29.332</a>	Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mn interface; Stage 3	N4						6.0.0	
<a href="#">29.414</a>	Core network Nb data transport and transport signalling	N3				4.4.0	5.0.0		
<a href="#">29.415</a>	Core network Nb interface user plane protocols	N3				4.3.0	5.1.0		
<a href="#">29.846</a>	Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description	N1						6.0.0	
<a href="#">29.847</a>	Conferencing based on SIP, SDP, and other protocols; Functional models, information flows and protocol details	N1						6.0.0	
<a href="#">29.903</a>	Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)	N4					5.0.0		
<a href="#">29.962</a>	Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage	N3						6.1.0	
<a href="#">29.994</a>	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	N1			3.0.1	4.0.1	5.0.1	6.0.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">29.998</a>	Open Services Architecture API part 2	N5			3.2.0				
<a href="#">29.998-01</a>	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General issues on Application Programme Interface (API) mapping	N5				4.0.0	5.0.0		
<a href="#">29.998-04-1</a>	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	N5				4.2.0	5.0.0		
<a href="#">29.998-04-4</a>	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	N5					5.0.3	6.0.3	
<a href="#">29.998-05-1</a>	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping	N5				4.0.0	5.0.0		
<a href="#">29.998-05-4</a>	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	N5				4.0.0	5.0.0		
<a href="#">29.998-06</a>	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP	N5				4.0.0	5.0.0		
<a href="#">29.998-08</a>	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP	N5				4.0.0	5.0.0		
<a href="#">30.002</a>	Guidelines for the modification of the Mobile Application Part (MAP) <i>spec withdrawn</i>	N4				4.0.1	5.0.0		
<a href="#">30.00U</a>	SMG - UMTS Work programme <i>spec withdrawn</i>	-							
<a href="#">30.01U</a>	UMTS Baseline document: Collection of the SMGis positions on the UMTS <i>spec withdrawn</i>	-							

<a href="#">30.03U</a>	Selection procedures for the choice of radio transmission technologies of the UMTS	GP							
<a href="#">30.04U</a>	Definition of the limited number of UTRA concepts <i>spec withdrawn</i>	GP							
<a href="#">30.06U</a>	UTRA Concept Evaluation Reports	GP							
<a href="#">30.20U</a>	Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS <i>spec withdrawn</i>	-							
<a href="#">30.504</a>	Work Plan and Study Items - RAN WG4 <i>spec withdrawn</i>	R4				2.2.0			
<a href="#">30.531</a>	Work Plan and Study Items - RAN WG3	R3			0.13.1			0.11.0	
<a href="#">30.801</a>	Overall Project Plan <i>spec withdrawn</i>	S2				1.1.0			
<a href="#">30.802</a>	Project plan on Bearer Services and QoS <i>spec withdrawn</i>	S2				4.0.0			
<a href="#">30.804</a>	Project plan on GSM/UMTS Interoperation and Mobility Management <i>spec withdrawn</i>	S2				1.0.0			
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">30.806</a>	Project plan on Location based services <i>spec withdrawn</i>	S2				1.0.0			
<a href="#">30.808</a>	Project plan on Packet Architecture and Circuit Architecture <i>spec withdrawn</i>	S2				1.0.0			
<a href="#">30.810</a>	Project plan on Security <i>spec withdrawn</i>	S2				1.0.0			
<a href="#">30.812</a>	Project plan on Services and Service platforms <i>spec withdrawn</i>	S2				1.0.0			
<a href="#">30.902</a>	Guidelines for the modification of the Mobile Application Part (MAP)	N4				4.0.2	5.0.1		
<a href="#">31.048</a>	Security mechanisms for the (U)SIM application toolkit; Test specification	T3					1.0.1		
<a href="#">31.101</a>	UICC-terminal interface; Physical and logical characteristics	T3			3.3.0	4.1.0	5.1.0	6.3.0	
<a href="#">31.102</a>	Characteristics of the USIM application	T3			3.17.0	4.13.0	5.10.0	6.7.0	
<a href="#">31.103</a>	Characteristics of the IP Multimedia Services Identity Module (ISIM) application	T3					5.7.0	6.5.0	
<a href="#">31.110</a>	Numbering system for telecommunication IC card applications	T3			3.2.0	4.1.0			
<a href="#">31.111</a>	Universal Subscriber Identity Module Application Toolkit (USAT)	T3			3.13.0	4.12.0	5.7.0	6.3.0	
<a href="#">31.112</a>	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2	T3					5.2.0		
<a href="#">31.113</a>	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes	T3					5.5.0	6.2.0	
<a href="#">31.114</a>	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration	T3					5.3.0		
<a href="#">31.115</a>	Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications	T3					1.0.0	6.3.0	
<a href="#">31.116</a>	Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications	T3					1.0.0	6.5.0	
<a href="#">31.120</a>	UICC-terminal interface; Physical, electrical and logical test specification	T3			3.0.0				



<a href="#">31.121</a>	UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification	T3			<b>3.10.0</b>	<b>4.9.0</b>			
<a href="#">31.122</a>	Universal Subscriber Identity Module (USIM) conformance test specification	T3			<b>3.7.0</b>				
<a href="#">31.123</a>	(Universal) Subscriber Interface Module ((U)SIM) toolkit interpreter test <i>spec withdrawn</i>	T3					<i>0.3.0</i>		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">31.130</a>	(U)SIM Application Programming Interface API; (U)SIM API for Java Card(TM)	T3						<b>6.0.1</b>	
<a href="#">31.131</a>	C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API	T3					<i>1.0.0</i>	<b>6.1.0</b>	
<a href="#">31.50U</a>	Essential requirements for UMTS Mobile Stations (ME) operating within frequency bands 1885-1980, 2010-2025 and 2110-2200 MHz <i>spec withdrawn</i>								
<a href="#">31.60U</a>	Essential requirements for UMTS Mobile Earth Stations (MES) operating within frequency bands 1980- 2010 and 2170-2200 MHz <i>spec withdrawn</i>								
<a href="#">31.900</a>	SIM/USIM internal and external interworking aspects	T3			<i>3.2.0</i>	<i>4.0.0</i>	<b>5.5.0</b>		
<a href="#">31.919</a>	2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking	T3						<b>6.0.0</b>	
<a href="#">32.005</a>	Telecommunications management; Charging management; 3G call and event data for the Circuit Switched (CS) domain	S5			<b>3.7.0</b>				
<a href="#">32.015</a>	Telecommunications management; Charging management; 3G call and event data for the Packet Switched (PS) domain	S5			<b>3.12.0</b>				
<a href="#">32.01U</a>	Overall principles of the OAM for the UMTS <i>spec withdrawn</i>	SMG12							
<a href="#">32.101</a>	Telecommunication management; Principles and high level requirements	S5			<b>3.4.0</b>	<b>4.2.1</b>	<b>5.5.0</b>	<b>6.0.0</b>	
<a href="#">32.102</a>	Telecommunication management; Architecture	S5			<b>3.2.0</b>	<b>4.5.0</b>	<b>5.6.0</b>	<b>6.3.0</b>	
<a href="#">32.104</a>	Telecommunication management; 3G Performance Management	S5			<b>3.9.0</b>	<i>4.0.0</i>			
<a href="#">32.105</a>	3G charging and billing; Stage 2 description <i>spec withdrawn</i>	S5				<i>0.0.4</i>			
<a href="#">32.106</a>	Configuration Management <i>spec withdrawn</i>	S5			<i>3.0.1</i>				
<a href="#">32.106-1</a>	Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements	S5			<b>3.1.0</b>	<i>4.0.0</i>			
<a href="#">32.106-2</a>	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service (IS)	S5			<b>3.3.0</b>				
<a href="#">32.106-3</a>	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5			<b>3.3.0</b>				
<a href="#">32.106-4</a>	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Poin (IRP); Common Management Information Protocol (CMIP) Solution Set (SS)	S5			<b>3.2.1</b>				

<a href="#">32.106-5</a>	Telecommunication management; Configuration Management (CM); Part 5: Basic CM Integration Reference Point (IRP): Information model (including Network Resource Model (NRM))	S5			<b>3.2.0</b>				
<a href="#">32.106-6</a>	Telecommunication management; Configuration Management (CM); Part 6: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5			<b>3.4.0</b>				
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">32.106-7</a>	Telecommunication management; Configuration Management (CM); Part 7: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5			<b>3.3.0</b>				
<a href="#">32.106-8</a>	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects	S5			<b>3.2.0</b>	<b>4.0.0</b>			
<a href="#">32.108</a>	Telecommunication management; Subscriber and equipment trace <b>spec withdrawn</b>	S5					<b>0.1.0</b>		
<a href="#">32.111</a>	3G Fault Management <b>spec withdrawn</b>	S5			<b>3.2.0</b>	<b>4.0.0</b>			
<a href="#">32.111-1</a>	Telecommunication management; Fault Management; Part 1: 3G fault management requirements	S5			<b>3.2.0</b>	<b>4.0.1</b>	<b>5.1.1</b>	<b>6.0.0</b>	
<a href="#">32.111-2</a>	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)	S5			<b>3.3.0</b>	<b>4.7.0</b>	<b>5.4.0</b>	<b>6.2.0</b>	
<a href="#">32.111-3</a>	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5			<b>3.6.0</b>	<b>4.6.0</b>	<b>5.5.1</b>	<b>6.0.0</b>	
<a href="#">32.111-4</a>	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5			<b>3.2.0</b>	<b>4.6.0</b>	<b>5.8.0</b>	<b>6.2.0</b>	
<a href="#">32.111-5</a>	Telecommunication management; Fault Management; Part 5: Alarm Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions	S5						<b>1.0.0</b>	
<a href="#">32.112-1</a>	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: Requirements <b>spec withdrawn</b>	S5				<b>2.0.0</b>			
<a href="#">32.112-2</a>	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 2: Information service <b>spec withdrawn</b>	S2				<b>2.0.0</b>			
<a href="#">32.140</a>	Telecommunication management; Subscription Management (SuM) requirements	S5				<b>0.1.0</b>	<b>0.5.5</b>	<b>6.2.0</b>	
<a href="#">32.141</a>	Telecommunication management; Subscription Management (SuM) architecture	S5						<b>6.1.0</b>	
<a href="#">32.150</a>	Telecommunication management; Integration Reference Point (IRP) Concept and definitions	S5						<b>6.1.0</b>	
<a href="#">32.151</a>	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template	S5						<b>6.0.0</b>	

<a href="#">32.152</a>	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire	S5						6.1.0	
<a href="#">32.171</a>	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements	S5						6.0.0	
<a href="#">32.172</a>	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)	S5						2.6.0	
<a href="#">32.200</a>	Telecommunication management; Charging management; Charging principles	S5				4.5.0	5.7.0		
<a href="#">32.205</a>	Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain	S5				4.7.0	5.8.0		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">32.215</a>	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain	S5				4.8.0	5.7.0		
<a href="#">32.225</a>	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)	S5					5.6.0		
<a href="#">32.235</a>	Telecommunication management; Charging management; Charging data description for application services	S5				4.6.0	5.4.0		
<a href="#">32.240</a>	Telecommunication management; Charging management; Charging architecture and principles	S5						6.0.0	
<a href="#">32.250</a>	Telecommunication management; Charging management; Circuit Switched (CS) domain charging	S5						6.1.0	
<a href="#">32.251</a>	Telecommunication management; Charging management; Packet Switched (PS) domain charging	S5						6.0.0	
<a href="#">32.252</a>	Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging	S5						0.2.1	
<a href="#">32.260</a>	Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging	S5						2.0.0	
<a href="#">32.270</a>	Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging	S5						6.0.0	
<a href="#">32.271</a>	Telecommunication management; Charging management; Location Services (LCS) charging	S5						2.0.0	
<a href="#">32.272</a>	Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging	S5						0.2.0	
<a href="#">32.295</a>	Telecommunication management; Charging management; Charging Data Record (CDR) transfer	S5						6.0.0	
<a href="#">32.296</a>	Telecommunication management; Charging management; Online Charging System (OCS): Applications and interfaces	S5						2.0.0	
<a href="#">32.297</a>	Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer	S5						6.0.0	
<a href="#">32.298</a>	Telecommunication management; Charging management; Charging Data Record (CDR) parameter description	S5						1.0.0	

<a href="#">32.299</a>	Telecommunication management; Charging management; Diameter charging applications	S5						6.0.0	
<a href="#">32.300</a>	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects	S5				4.1.1	5.0.1		
<a href="#">32.301</a>	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements	S5				4.0.2	5.0.1	6.0.0	
<a href="#">32.301-1</a>	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.301-2</a>	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service <i>spec withdrawn</i>	S5				2.0.0			
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">32.301-3</a>	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.301-4</a>	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: Common Management Information Protocol (CMIP) solution <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.302</a>	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)	S5				4.2.0	5.1.0	6.0.0	
<a href="#">32.303</a>	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	6.1.0	
<a href="#">32.304</a>	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	6.0.0	
<a href="#">32.311</a>	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	S5				4.1.0	5.1.0	6.0.0	
<a href="#">32.312</a>	Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)	S5				4.1.0	5.1.0	6.0.0	
<a href="#">32.313</a>	Telecommunication management; Generic Integration Reference Point (IRP) management; Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5						1.0.0	
<a href="#">32.314</a>	Telecommunication management; Generic Integration Reference Point (IRP) management; Common Management Information Protocol (CMIP) Solution Set (SS)	S5						1.0.0	
<a href="#">32.321</a>	Telecommunication management; Test management Integration Reference Point (IRP): Requirements	S5					5.0.1	6.0.0	
<a href="#">32.322</a>	Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)	S5					5.1.0	6.0.0	



<a href="#">32.363</a>	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5						6.1.0	
<a href="#">32.371</a>	Telecommunication management; Security Management concept and requirements	S5						6.0.0	
<a href="#">32.401</a>	Telecommunication management; Performance Management (PM); Concept and requirements	S5				4.5.0	5.4.0	6.3.0	
<a href="#">32.402</a>	Telecommunication management; Performance Management (PM); Performance measurements - GSM <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.403</a>	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM	S5				4.8.0	5.8.0	6.5.0	
<a href="#">32.411</a>	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements	S5						6.3.0	
<a href="#">32.412</a>	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS)	S5						6.2.0	
<a href="#">32.413</a>	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5						6.2.0	
<a href="#">32.414</a>	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5						1.0.0	
<a href="#">32.421</a>	Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements	S5						6.4.0	
<a href="#">32.422</a>	Telecommunication management; Subscriber and equipment trace; Trace control and Configuration Management (CM)	S5						6.0.0	
<a href="#">32.423</a>	Telecommunication management; Subscriber and equipment trace; Trace data definition and management	S5						2.0.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">32.431</a>	Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Requirements	S5						1.0.0	Y
<a href="#">32.432</a>	Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Information Service (IS)	S5						2.0.0	
<a href="#">32.435</a>	Telecommunications management; Performance measurement: eXtensible Markup Language (XML) file format definition	S5						2.0.0	
<a href="#">32.436</a>	Telecommunications management; Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition	S5						2.0.0	
<a href="#">32.600</a>	Telecommunication management; Configuration Management (CM); Concept and high-level requirements	S5				4.0.0	5.0.1	6.0.0	

<a href="#">32.601</a>	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements	S5				4.0.0	5.0.1	6.0.0	
<a href="#">32.601-1</a>	Telecommunication management; Configuration Management (CM); Part 1: Basic CM Integration Reference Point (IRP): requirements <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.601-2</a>	Telecommunication management; Configuration Management (CM); Part 2: Basic CM Integration Reference Point (IRP) information model <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.601-3</a>	Telecommunication management; Configuration Management (CM); Part 3: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.601-4</a>	Telecommunication management; Configuration Management (CM); Part 4: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.602</a>	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information Service (SS)	S5				4.3.0	5.3.0	6.0.0	
<a href="#">32.602-1</a>	Telecommunication management; Configuration Management (CM); CMt: Bulk CM Integration Reference Point (IRP) requirements <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.602-2</a>	Telecommunication management; Configuration Management (CM); CMt: Bulk Configuration Management Integration Reference Point (IRP): Information service <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.602-3</a>	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.602-4</a>	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.602-5</a>	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): XML file format definition <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.603</a>	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	6.1.0	
<a href="#">32.604</a>	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	6.0.0	

<a href="#">32.611</a>	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements	S5				4.0.0	5.1.0	6.1.0	
<a href="#">32.612</a>	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)	S5				4.6.0	5.3.0	6.0.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">32.613</a>	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5				4.4.0	5.1.0	6.0.0	
<a href="#">32.614</a>	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5				4.3.0	5.0.0	6.0.0	
<a href="#">32.615</a>	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition	S5				4.5.0	5.5.0	6.0.0	
<a href="#">32.620-1</a>	Telecommunication management; Configuration Management (CM); Part 1: Generic network resources Integration Reference Point (IRP): requirements <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.620-2</a>	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			
<a href="#">32.620-3</a>	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			
<a href="#">32.620-4</a>	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			
<a href="#">32.621</a>	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements	S5				4.0.0	5.0.0	6.0.0	
<a href="#">32.621-1</a>	Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.621-2</a>	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM) <i>spec withdrawn</i>	S5				2.0.0			



<a href="#">32.621-3</a>	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			
<a href="#">32.621-4</a>	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			
<a href="#">32.622</a>	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5				4.4.0	5.5.0	6.2.0	
<a href="#">32.622-1</a>	Telecommunication management; Configuration Management (CM); Part 1: UTRAN network resources Integration Reference Point (IRP): requirements <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.622-2</a>	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			
<a href="#">32.622-3</a>	Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.622-4</a>	Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.623</a>	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	6.3.0	
<a href="#">32.623-1</a>	Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.623-2</a>	Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM) <i>spec withdrawn</i>	S5				2.0.0			
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">32.623-3</a>	Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set <i>spec withdrawn</i>	S5				2.0.0			

<a href="#">32.623-4</a>	Telecommunication management; Configuration Management (CM); Part 4: GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set <i>spec withdrawn</i>	S5				2.0.0			
<a href="#">32.624</a>	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5				4.6.0	5.4.0	6.0.0	
<a href="#">32.625</a>	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5					5.3.0	6.2.0	
<a href="#">32.631</a>	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements	S5				4.0.0	5.0.0	6.0.0	
<a href="#">32.632</a>	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5				4.4.0	5.6.0	6.0.0	
<a href="#">32.633</a>	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	5.2.0	6.0.0	
<a href="#">32.634</a>	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)	S5				4.1.1	5.3.0	6.0.0	
<a href="#">32.635</a>	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5					5.4.0	6.0.0	
<a href="#">32.641</a>	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements	S5				4.0.0	5.0.0	6.0.0	
<a href="#">32.642</a>	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5				4.4.0	5.5.0	6.2.0	
<a href="#">32.643</a>	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)	S5				4.3.0	5.4.0	6.2.0	
<a href="#">32.644</a>	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		
<a href="#">32.645</a>	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition	S5					5.6.0	6.1.0	



<a href="#">32.681</a>	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements	S5						1.0.0	
<a href="#">32.690</a>	Telecommunication management; Inventory Management (IM): Requirements	S5						1.0.0	
<a href="#">32.691</a>	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements	S5					5.0.0	6.0.0	
<a href="#">32.692</a>	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)	S5					5.0.0		
<a href="#">32.695</a>	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Bulk Configuration Management (CM) eXtensible Markup Language (XML) file format definition	S5						2.0.0	
<a href="#">32.711</a>	Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements	S5						6.0.0	
<a href="#">32.712</a>	Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)	S5						6.0.0	
<a href="#">32.713</a>	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						6.0.0	
<a href="#">32.714</a>	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						1.0.0	
<a href="#">32.715</a>	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						6.0.0	
<a href="#">32.741</a>	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Requirements	S5						6.0.0	
<a href="#">32.742</a>	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)	S5						6.0.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>

<a href="#">32.743</a>	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						6.0.0	
<a href="#">32.744</a>	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						1.0.0	
<a href="#">32.745</a>	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Bulk CM eXtensible Markup Language (XML) file format definition	S5						1.0.0	
<a href="#">32.800</a>	Telecommunication management; Management level procedures and interaction with UTRAN	S5				4.0.0	5.0.0		
<a href="#">32.802</a>	Telecommunication management; User Equipment Management (UEM) feasibility study	S5					5.1.0		
<a href="#">32.803</a>	Telecommunication management; Process guide; Use cases in Unified Modelling Language (UML)	S5						6.0.0	
<a href="#">32.804</a>	Telecommunication management; Control of Remote Electrical Tilting (RET) antennas; Requirements	S5						6.0.0	
<a href="#">32.805</a>	Telecommunication management; Process guide; Backward compatibility recommendations	s5							Y
<a href="#">32.815</a>	Telecommunication management; Charging management; Online Charging System (OCS) architecture study	S5						6.0.0	
<a href="#">33.102</a>	3G security; Security architecture	S3			3.13.0	4.5.0	5.5.0	6.2.0	
<a href="#">33.103</a>	3G security; Integration guidelines	S3			3.7.0	4.2.0			
<a href="#">33.105</a>	Cryptographic algorithm requirements	S3			3.8.0	4.2.0	5.0.0	6.0.0	
<a href="#">33.106</a>	Lawful interception requirements	S3			3.1.0	4.0.0	5.1.0	6.1.0	
<a href="#">33.107</a>	3G security; Lawful interception architecture and functions	S3			3.5.0	4.3.0	5.6.0	6.3.0	
<a href="#">33.108</a>	3G security; Handover interface for Lawful Interception (LI)	S3					5.8.0	6.7.0	
<a href="#">33.109</a>	Bootstrapping of application security using AKA and support for subscriber certificates; System description <i>spec withdrawn</i>	S3						0.3.0	
<a href="#">33.120</a>	Security Objectives and Principles	S3			3.0.0	4.0.0			
<a href="#">33.141</a>	Presence service; Security	S3						6.1.0	
<a href="#">33.200</a>	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security	S3				4.3.0	5.1.0		
<a href="#">33.203</a>	3G security; Access security for IP-based services	S3					5.9.0	6.4.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">33.20U</a>	Security principles for the UMTS <i>spec withdrawn</i>	-							
<a href="#">33.210</a>	3G security; Network Domain Security (NDS); IP network layer security	S3					5.5.0	6.5.0	
<a href="#">33.21U</a>	Security requirements <i>spec withdrawn</i>	-							

<a href="#">33.220</a>	Generic Authentication Architecture (GAA); Generic bootstrapping architecture	S3						6.2.0	
<a href="#">33.221</a>	Generic Authentication Architecture (GAA); Support for subscriber certificates	S3						6.1.0	
<a href="#">33.222</a>	Generic Authentication Architecture (GAA); Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS)	S3						6.1.0	
<a href="#">33.234</a>	3G security; Wireless Local Area Network (WLAN) interworking security	S3						6.2.1	
<a href="#">33.246</a>	3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)	S3						6.0.0	
<a href="#">33.310</a>	Network domain security; Authentication framework (NDS/AF)	S3						6.2.0	
<a href="#">33.800</a>	Principles for Network Domain Security <i>spec withdrawn</i>	S3				0.3.5			
<a href="#">33.810</a>	3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution	S3						6.0.0	
<a href="#">33.817</a>	Feasibility study on (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces	S3						6.0.0	
<a href="#">33.878</a>	Security aspects of early IMS	S3						0.0.3	
<a href="#">33.900</a>	Guide to 3G security	S3			1.2.0		0.4.1		
<a href="#">33.901</a>	Criteria for cryptographic Algorithm design process	S3			3.0.0	4.0.0			
<a href="#">33.902</a>	Formal Analysis of the 3G Authentication Protocol	S3			3.1.0	4.0.0			
<a href="#">33.904</a>	Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms <i>spec withdrawn</i>	S3				2.0.0			
<a href="#">33.908</a>	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms	S3			3.0.0	4.0.0			
<a href="#">33.909</a>	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			
<a href="#">33.917</a>	(Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces <i>spec withdrawn</i>	S3						0.7.3	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">33.919</a>	Generic Authentication Architecture (GAA); System description	S3						6.0.0	
<a href="#">33.941</a>	Presence service; Security	S3						0.6.0	
<a href="#">34.01U</a>	Application integration and application programming interfaces <i>spec withdrawn</i>	SP							
<a href="#">34.108</a>	Common test environments for User Equipment (UE) conformance testing	T1			3.16.0	4.11.0	5.2.0		
<a href="#">34.109</a>	Terminal logical test interface; Special conformance testing functions	R2			3.10.0	4.6.0	5.4.0		
<a href="#">34.121</a>	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	T1			3.14.0	4.1.0	5.5.0		

<a href="#">34.122</a>	Terminal conformance specification, Radio transmission and reception (TDD)	T1				3.12.0	4.10.0	5.0.0		
<a href="#">34.123-1</a>	User Equipment (UE) conformance specification; Part 1: Protocol conformance specification	T1				3.5.0	4.3.0	5.9.0		
<a href="#">34.123-2</a>	User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification	T1				3.5.0	4.3.0	5.9.0		
<a href="#">34.123-3</a>	User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)	T1				3.7.0				
<a href="#">34.124</a>	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	R4				3.4.0	4.2.0	5.4.0		
<a href="#">34.131</a>	Test specification for C-language binding for (U)SIM API	T3							6.0.0	
<a href="#">34.171</a>	Terminal conformance specification; Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)	T1							1.0.0	
<a href="#">34.901</a>	Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance	T1				3.0.0				
<a href="#">34.902</a>	Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests	T1						1.2.0		
<a href="#">34.907</a>	Report on electrical safety requirements and regulations	T2				3.0.0				
<a href="#">34.910</a>	Identification of test requirements for regulatory purposes in different regions/countries	T1					1.0.0			
<a href="#">34.925</a>	Specific Absorption Rate (SAR) requirements and regulations in different regions	T2				3.0.0				
<a href="#">34.926</a>	Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment	R4					4.0.0	5.1.0		
<a href="#">35.10U</a>	UMTS Terminal aspects; Man Machine Interface (MMI) <i>spec withdrawn</i>	SP								
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>	
<a href="#">35.201</a>	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications	S3				3.2.0	4.1.0	5.0.0		
<a href="#">35.202</a>	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification	S3				3.1.2	4.0.0	5.0.0		
<a href="#">35.203</a>	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	S3				3.1.2	4.0.0	5.0.0		
<a href="#">35.204</a>	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	S3				3.1.2	4.0.0	5.0.0		
<a href="#">35.205</a>	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		
<a href="#">35.206</a>	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		
<a href="#">35.207</a>	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		

<a href="#">35.208</a>	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		
<a href="#">35.209</a>	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 <b>spec withdrawn</b>	S3				3.0.0				
<a href="#">35.909</a>	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		
<a href="#">41.001</a>	GSM Specification set <b>spec withdrawn</b>	SP					1.0.0			
<a href="#">41.031</a>	Fraud Information Gathering System (FIGS); Service requirements; Stage 0	S3					4.0.1	5.0.0		
<a href="#">41.033</a>	Lawful Interception requirements for GSM	S3					4.0.1	5.0.0		
<a href="#">41.061</a>	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements	S3					4.0.0			
<a href="#">41.101</a>	Technical Specifications and Technical Reports for a GERAN-based 3GPP system	SP					4.12.0	5.8.0		
<a href="#">41.102</a>	GSM Release 4 specifications <b>spec withdrawn</b>	SP					4.9.0			
<a href="#">41.103</a>	GSM Release 5 specifications <b>spec withdrawn</b>	SP						5.4.0		
<a href="#">42.009</a>	Security Aspects	S3					4.0.0			
<a href="#">42.017</a>	Subscriber Identity Module (SIM); Functional characteristics	T3					4.0.0			
<a href="#">42.019</a>	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1	T3					4.0.0	5.0.0		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>	
<a href="#">42.031</a>	Fraud Information Gathering System (FIGS); Service description; Stage 1 <b>spec withdrawn</b>	S3				4.0.0	5.0.0			
<a href="#">42.032</a>	Immediate Service Termination (IST); Service description; Stage 1 <b>spec withdrawn</b>	S3				4.0.0				
<a href="#">42.033</a>	Lawful Interception; Stage 1	S3				4.0.0	5.0.0			
<a href="#">42.043</a>	Support of Localised Service Area (SoLSA); Service description; Stage 1	S1				4.0.0	5.0.0			
<a href="#">42.048</a>	Security mechanisms for the SIM Application Toolkit; Stage 1 <b>spec withdrawn</b>	T3				4.0.0				
<a href="#">42.056</a>	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1	S1				4.0.0	5.0.0			
<a href="#">42.068</a>	Voice Group Call Service (VGCS); Stage 1	S1				4.1.0	5.0.1	6.0.0	Y	
<a href="#">42.069</a>	Voice Broadcast Service (VBS); Stage 1	S1				4.1.0	5.0.1	6.0.0		
<a href="#">43.005</a>	Technical performance objectives	NP				4.0.0	5.0.0			
<a href="#">43.010</a>	GSM Public Land Mobile Network (PLMN) connection types	N3				4.2.0	5.2.0			
<a href="#">43.013</a>	Discontinuous Reception (DRX) in the GSM system	G1				4.0.0	5.0.0			
<a href="#">43.019</a>	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2	T3				4.3.0	5.6.0			
<a href="#">43.020</a>	Security-related network functions	S3				4.0.0	5.0.0	6.0.0		



<a href="#">43.022</a>	Functions related to Mobile Station (MS) in idle mode and group receive mode	G1				4.5.0	5.1.0	6.1.0	
<a href="#">43.026</a>	Multiband operation of GSM / DCS 1800 by a single operator	G1				4.0.1	5.0.1		
<a href="#">43.030</a>	Radio network planning aspects	G1				4.0.1	5.1.0		
<a href="#">43.031</a>	Fraud Information Gathering System (FIGS); Service description; Stage 2 <i>spec withdrawn</i>	S3				4.0.0	5.0.0		
<a href="#">43.033</a>	Lawful Interception; Stage 2	S3				4.0.0	5.0.0		
<a href="#">43.035</a>	Immediate Service Termination (IST); Stage 2 <i>spec withdrawn</i>	S3				4.1.0			
<a href="#">43.045</a>	Technical Realization of Facsimile Group 3 Service - transparent	N3				4.0.0	5.0.0		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">43.046</a>	Technical Realization of Facsimile Group 3 Service - non transparent <i>spec withdrawn</i>	N3				4.0.0			
<a href="#">43.048</a>	Security Mechanisms for SIM Toolkit Application; Stage 2 <i>spec withdrawn</i>	T3				4.0.0			
<a href="#">43.050</a>	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System	S4				4.0.0	5.0.0		
<a href="#">43.051</a>	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2	G1				4.0.0	5.10.0	6.0.0	
<a href="#">43.052</a>	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2	G1				4.0.0	5.0.0		
<a href="#">43.055</a>	Dual Transfer Mode (DTM); Stage 2	G1				4.5.0	5.4.0	6.7.0	
<a href="#">43.058</a>	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	S4				4.0.0	5.0.0		
<a href="#">43.059</a>	Functional stage 2 description of Location Services (LCS) in GERAN	G1				4.6.0	5.4.0	6.4.0	
<a href="#">43.063</a>	Packet Data on Signalling channels service (PDS) Service description, Stage 2 <i>spec withdrawn</i>	N1				4.0.0			
<a href="#">43.064</a>	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2	G1				4.5.0	5.3.0	6.5.0	
<a href="#">43.068</a>	Voice Group Call Service (VGCS); Stage 2	N1				4.4.0	5.4.0	6.2.0	
<a href="#">43.069</a>	Voice Broadcast service (VBS); Stage 2	N1				4.4.0	5.4.0	6.0.0	
<a href="#">43.071</a>	Location Services (LCS); Functional description; Stage 2 (GSM) <i>spec withdrawn</i>	S2				4.0.0			
<a href="#">43.073</a>	Support of Localised Service Area (SoLSA); Stage 2	N4				4.0.0	5.0.0		
<a href="#">43.129</a>	Packed-switched handover for GERAN A/Gb mode; Stage 2	G2						6.0.0	
<a href="#">43.130</a>	Iur-g interface; Stage 2	G1					5.0.0		
<a href="#">43.246</a>	Multimedia Broadcast/Multicast Service (MBMS) in the GERAN; Stage 2	G1						6.1.0	
<a href="#">43.900</a>	Support for voice optimization for the IMS in the GERAN <i>spec withdrawn</i>	G1					1.0.0		
<a href="#">43.901</a>	Feasibility Study on generic access to A/Gb interface	G1						6.0.0	
<a href="#">43.930</a>	Iur-g interface; Stage 2 <i>spec withdrawn</i>	G2					5.1.0		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">44.001</a>	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles	N1				4.1.0	5.0.0		

<a href="#">44.003</a>	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities	G2				4.0.0	5.0.1	6.1.0	
<a href="#">44.004</a>	Layer 1 - General Requirements	G2				4.2.0	5.3.0	6.0.0	
<a href="#">44.005</a>	Data Link (DL) Layer General Aspects	G2				4.0.0	5.0.1	6.0.0	
<a href="#">44.006</a>	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification	G2				4.1.1	5.0.1	6.0.0	
<a href="#">44.008</a>	Mobile radio interface layer 3 specification <i>spec withdrawn</i>	N1				4.0.0			
<a href="#">44.012</a>	Short Message Service Cell Broadcast (SMS-SCB) Support on the Mobile Radio Interface	G2				4.0.1	5.0.1		
<a href="#">44.013</a>	Performance Requirements on Mobile Radio Interface	N1				4.1.0	5.0.0		
<a href="#">44.014</a>	Individual equipment type requirements and interworking; Special conformance testing functions	G2				4.4.0	5.3.0	6.1.0	
<a href="#">44.018</a>	Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol	G2				4.19.0	5.18.0	6.10.0	
<a href="#">44.021</a>	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface	N3				4.1.0	5.2.0		
<a href="#">44.031</a>	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)	G2				4.12.0	5.11.0	6.6.0	
<a href="#">44.035</a>	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		
<a href="#">44.056</a>	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification	N1				4.0.0	5.0.0		
<a href="#">44.057</a>	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification	N1				4.0.0	5.0.0		
<a href="#">44.060</a>	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	G2				4.19.0	5.14.0	6.10.0	
<a href="#">44.063</a>	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3 <i>spec withdrawn</i>	N1				4.0.0			
<a href="#">44.064</a>	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification	N1				4.3.0	5.1.0		
<a href="#">44.065</a>	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)	N1				4.3.0	5.2.0	6.3.0	
<a href="#">44.068</a>	Group Call Control (GCC) Protocol	N1				4.3.0	5.0.1	6.0.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">44.069</a>	Broadcast Call Control (BCC) protocol	N1				4.3.0	5.0.0		
<a href="#">44.071</a>	Location Services (LCS); Mobile radio interface layer 3 LCS specification	G2				4.3.0	5.0.1		
<a href="#">44.118</a>	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; Iu mode	G2					5.10.0	6.3.0	
<a href="#">44.160</a>	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	
<a href="#">44.901</a>	External network assisted cell change (NACC)	G2					5.1.0		
<a href="#">44.933</a>	Seamless support of streaming services in GERAN A/Gb mode	G2						1.3.0	

<a href="#">45.001</a>	Physical layer on the radio path; General description	G1				4.4.0	5.8.0	6.5.0	
<a href="#">45.002</a>	Multiplexing and multiple access on the radio path	G1				4.8.0	5.12.0	6.7.0	
<a href="#">45.003</a>	Channel coding	G1				4.3.0	5.11.0	6.6.0	
<a href="#">45.004</a>	Modulation	G1				4.2.0	5.1.1		
<a href="#">45.005</a>	Radio transmission and reception	G1				4.15.0	5.10.0	6.7.0	
<a href="#">45.008</a>	Radio subsystem link control	G1				4.16.0	5.18.0	6.10.0	
<a href="#">45.009</a>	Link adaptation	G1				4.2.0	5.5.0	6.1.0	
<a href="#">45.010</a>	Radio subsystem synchronization	G1				4.5.0	5.3.0	6.3.0	
<a href="#">45.015</a>	Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines	G1				4.0.0	5.0.0		
<a href="#">45.022</a>	Radio link management in hierarchical networks	G1				4.0.0	5.0.0		
<a href="#">45.050</a>	Background for RF Requirements	G1				4.0.1	5.0.1	6.1.0	
<a href="#">45.056</a>	CTS-FP Radio Sub-system	G1				4.0.0	5.0.0		
<a href="#">45.811</a>	Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS	G1						6.0.0	
<a href="#">45.902</a>	Flexible Layer One (FLO)	G1						6.7.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">45.903</a>	Feasibility study on Single Antenna Interference Cancellation (SAIC) for GSM networks	G1						6.0.1	
<a href="#">46.001</a>	Full Rate Speech Processing Functions	S4				4.0.0	5.0.0		
<a href="#">46.002</a>	Half Rate Speech Processing Functions	S4				4.0.0	5.0.0		
<a href="#">46.006</a>	Half-rate speech: ANSI-C code for GSM half-rate speech codec	S4				4.0.0	5.0.0		
<a href="#">46.007</a>	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec	S4				4.0.0	5.0.0		
<a href="#">46.008</a>	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec	S4				4.0.0	5.0.0		
<a href="#">46.010</a>	Full-rate speech transcoding	S4				4.1.0	5.0.0		
<a href="#">46.011</a>	Substitution and Muting of Lost Frames for Full Rate Speech Channels	S4				4.0.0	5.0.0		
<a href="#">46.012</a>	Comfort Noise Aspects for Full Rate Speech Traffic Channels	S4				4.1.0	5.0.0		
<a href="#">46.020</a>	Half Rate Speech Transcoding	S4				4.0.0	5.0.0		
<a href="#">46.021</a>	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels	S4				4.0.0	5.0.0		
<a href="#">46.022</a>	Comfort Noise Aspects for Half Rate Speech Traffic Channels	S4				4.0.0	5.0.0		
<a href="#">46.031</a>	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	S4				4.0.0	5.0.0		
<a href="#">46.032</a>	Voice Activity Detection (VAD)	S4				4.0.0	5.0.0		
<a href="#">46.041</a>	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	S4				4.0.0	5.0.0		
<a href="#">46.042</a>	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	S4				4.0.0	5.0.0		
<a href="#">46.051</a>	GSM Enhanced full rate speech processing functions: General description	S4				4.0.0	5.0.0		
<a href="#">46.053</a>	ANSI-C code for the GSM Enhanced full rate speech codec	S4				4.0.0	5.0.0		
<a href="#">46.054</a>	Test sequences for the GSM Enhanced Full Rate (EFR)	S4				4.0.0	5.0.0		

<a href="#">46.055</a>	Performance characterisation of the GSM EFR Speech Codec	S4				4.0.0	5.0.0		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">46.060</a>	Enhanced full rate speech transcoding	S4				4.0.0	5.0.0		
<a href="#">46.061</a>	Substitution and muting of lost frames for enhanced full rate speech traffic channels	S4				4.0.0	5.0.0		
<a href="#">46.062</a>	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels	S4				4.0.0	5.0.0		
<a href="#">46.076</a>	Adaptive Multi-Rate (AMR) speech codec; Study phase report	S4				4.0.1			
<a href="#">46.081</a>	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels	S4				4.0.0	5.0.0		
<a href="#">46.082</a>	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels	S4				4.0.0	5.0.0		
<a href="#">46.085</a>	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation	S4				4.0.0	5.0.0		
<a href="#">48.001</a>	General Aspects on the BSS-MSC Interface	G2				4.0.0	5.0.1		
<a href="#">48.002</a>	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles	G2				4.2.0	5.1.0		
<a href="#">48.004</a>	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification	G2				4.0.0	5.0.1		
<a href="#">48.006</a>	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	
<a href="#">48.008</a>	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification	G2				4.10.0	5.12.0	6.7.0	
<a href="#">48.014</a>	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		
<a href="#">48.016</a>	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service	G2				4.4.0	5.4.0	6.1.0	
<a href="#">48.018</a>	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol	G2				4.7.0	5.11.0	6.6.0	
<a href="#">48.020</a>	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface	N3				4.1.0	5.2.0		
<a href="#">48.031</a>	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification	G2				4.1.0	5.0.0		
<a href="#">48.051</a>	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects	G2				4.1.0	5.0.1		
<a href="#">48.052</a>	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles	G2				4.0.1	5.0.1		
<a href="#">48.054</a>	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits	G2				4.0.0	5.0.1		
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">48.056</a>	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification	G2				4.0.0	5.0.0		

<a href="#">48.058</a>	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification	G2				4.1.0	5.6.0	6.0.0	
<a href="#">48.060</a>	In-band control of remote transcoders and rate adaptors for full rate traffic channels	G1				4.1.0	5.2.0		
<a href="#">48.061</a>	In-band control of remote transcoders and rate adaptors for half rate traffic channels	G1				4.1.1	5.0.0		
<a href="#">48.071</a>	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification	G2				4.4.0	5.1.0	6.7.0	
<a href="#">49.001</a>	General network interworking scenarios	N4				4.0.1	5.0.0		
<a href="#">49.008</a>	Application of the Base Station System Application Part (BSSAP) on the E-Interface	N1				4.1.0	5.1.0		
<a href="#">49.031</a>	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)	G2				4.4.0	5.4.0	6.4.0	
<a href="#">50.056</a>	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1 <i>spec withdrawn</i>	S2				4.0.0			
<a href="#">50.059</a>	Enhanced Data rates for GSM Evolution (EDGE); Project scheduling and open issues for EDGE	G1				4.0.1			
<a href="#">50.099</a>	GERAN project plan and open issues	GP				0.23.0	0.1.6	0.4.6	
<a href="#">51.010-1</a>	Mobile Station (MS) conformance specification; Part 1: Conformance specification	G3new				4.10.0	5.11.0	6.0.1	
<a href="#">51.010-2</a>	Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	G3new				4.7.0	5.11.0	6.0.0	
<a href="#">51.010-3</a>	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)	G3new				4.8.0	5.4.0	6.0.0	
<a href="#">51.010-4</a>	Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification	T3				0.0.1			
<a href="#">51.010-5</a>	Mobile Station (MS) conformance specification; Part 5: GERAN / UTRAN interaction Abstract Test Suite (ATS)	G3new					2.0.0		
<a href="#">51.011</a>	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	T3				4.12.0	5.0.0		
<a href="#">51.013</a>	Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card	T3				4.1.0	5.1.0		
<a href="#">51.014</a>	Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface	T3				4.4.0			
<a href="#">51.021</a>	Base Station System (BSS) equipment specification; Radio aspects	G1				4.4.0	5.3.0	6.2.0	
<b>Spec no.</b>	<b>Title</b>	<b>WG</b>	<b>R97</b>	<b>R98</b>	<b>R99</b>	<b>Rel-4</b>	<b>Rel-5</b>	<b>Rel-6</b>	<b>Rel-7</b>
<a href="#">51.026</a>	GSM Repeater Equipment Specification	G1				4.0.0	5.0.0		
<a href="#">52.008</a>	Telecommunication management; GSM subscriber and equipment trace	S5						2.0.0	
<a href="#">52.021</a>	Network Management (NM) Procedures and messages on the A-bis interface	G1				4.0.0	5.0.0		
<a href="#">52.071</a>	Location Services (LCS); Location services (LCS) management <i>spec withdrawn</i>	S5				4.1.0			
<a href="#">52.402</a>	Telecommunication management; Performance Management (PM); Performance measurements - GSM	S5				4.1.0	5.0.0	6.0.0	

<a href="#">55.205</a>	Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8	S3						6.1.0	
<a href="#">55.216</a>	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	
<a href="#">55.217</a>	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	
<a href="#">55.218</a>	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	
<a href="#">55.226</a>	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	Y
<a href="#">55.919</a>	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	