

Source: MCC
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Title: CRs to lists of specifications

Document for: approval

| Spec | CR | Rev | Rel | Subject | Cat | Version written to | Version resulting |
|--------|-----|-----|-------|---------------------------------------|-----|--------------------|-------------------|
| 01.01 | 020 | - | R99 | Corrections to list of specifications | F | 8.11.1 | 8.12.0 |
| 41.101 | 002 | - | Rel-4 | Corrections to list of specifications | F | 4.9.0 | 4.10.0 |
| 41.101 | 003 | - | Rel-5 | Corrections to list of specifications | F | 5.5.2 | 5.6.0 |
| 21.101 | 018 | 1 | R99 | Corrections to list of specifications | F | 3.12.0 | 3.13.0 |
| 21.101 | 020 | 1 | Rel-5 | Corrections to list of specifications | F | 5.5.0 | 5.6.0 |

CR-Form-v7

CHANGE REQUEST

01.01 CR 020 # rev **1** # Current version: **8.11.1**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

| | | | |
|------------------------|---|-----------------|---|
| Title: | # Corrections to list of specifications | | |
| Source: | # MCC | | |
| Work item code: | # TEI | Date: | # 15/03/2004 |
| Category: | # F | Release: | # R99 |
| | <i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 . | | <i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6) |

| | |
|--------------------------------------|---|
| Reason for change: | # To ensure list of specifications required to implement system is correct. |
| Summary of change: | # Addition of: 21.801 (so that drafting rules apply to R99 as well as later Releases) 23.122 (was previously only included in 3G lists) |
| Consequences if not approved: | # List is wrong, risk of erroneous system implementation. |

| | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|
| Clauses affected: | # 6 | | | | | | | | |
| Other specs affected: | <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications # | Y | N | # | X | # | X | # | X |
| Y | N | | | | | | | | |
| # | X | | | | | | | | |
| # | X | | | | | | | | |
| # | X | | | | | | | | |
| Other comments: | # | | | | | | | | |

6 Specifications and Reports

Specifications in the range 01.xx to 12.xx are 'pure' GSM specs - that is, those only required to build systems which are based on 3GPP specifications and which use a GSM/EDGE Radio Access Network (GERAN). Specifications in the range 21.xxx to 35.xxx are common to systems which are based on 3GPP specifications, and which use either a GSM/EDGE radio access network or a UTRA Radio Access Network (UTRAN) (or both).

| Number | Title | WG prime | For publication? |
|--------|---|----------|------------------|
| 01.01 | Technical Specifications and Technical Reports for a GERAN-based 3GPP system | SP | Yes |
| 01.04 | Abbreviations and acronyms | GP | Yes |
| 01.31 | Fraud Information Gathering System (FIGS); Service requirements; Stage 0 | S3 | Yes |
| 01.33 | Lawful Interception requirements for GSM | S3 | Yes |
| 01.61 | General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements | S3 | Yes |
| 02.09 | Security aspects | S3 | Yes |
| 02.17 | Subscriber Identity Module (SIM); Functional characteristics | T3 | Yes |
| 02.19 | Subscriber Identity Module Application Programming Interface (SIM API); Stage 1 | T3 | Yes |
| 02.33 | Lawful Interception (LI); Stage 1 | S3 | Yes |
| 02.43 | Support of Localised Service Area (SoLSA); Service description; Stage 1 | S1 | Yes |
| 02.48 | Security mechanisms for the SIM Application Toolkit; Stage 1 | T3 | Yes |
| 02.53 | Tandem Free Operation (TFO); Service description; Stage 1 | S4 | Yes |
| 02.56 | GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1 | S1 | Yes |
| 02.68 | Voice Group Call Service (VGCS); Stage 1 | S1 | Yes |
| 02.69 | Voice Broadcast Service (VBS); Stage 1 | S1 | Yes |
| 02.76 | Noise Suppression for the AMR | S4 | Yes |
| 02.95 | Support of Private Numbering Plan (SPNP); Service description; Stage 1 | S1 | Yes |
| 03.05 | Technical performance objectives | NP | Yes |
| 03.10 | GSM Public Land Mobile Network (PLMN) Connection Types | N3 | Yes |
| 03.13 | Discontinuous Reception (DRX) in the GSM System | G1 | Yes |
| 03.19 | GSM API for SIM toolkit stage 2 | T3 | Yes |
| 03.20 | Security-related Network Functions | S3 | Yes |
| 03.22 | Functions related to Mobile Station (MS) in idle mode and group receive mode | G1 | Yes |
| 03.26 | Multiband operation of GSM/DCS 1800 by a single operator | G1 | Yes |
| 03.30 | Radio Network Planning Aspects | GP | Yes |
| 03.33 | Lawful Interception; Stage 2 | S3 | Yes |
| 03.45 | Technical Realization of Facsimile Group 3 Service - transparent | N3 | Yes |
| 03.46 | Technical Realization of Facsimile Group 3 Service - non transparent | N3 | Yes |
| 03.48 | Security mechanisms for SIM application toolkit; Stage 2 | T3 | Yes |
| 03.50 | Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System | S4 | Yes |
| 03.52 | Lower layers of the GSM Cordless Telephony | G1 | Yes |

| Number | Title | WG prime | For publication? |
|--------|--|----------|------------------|
| | System (CTS) radio interface; Stage 2 | | |
| 03.53 | Tandem Free Operation (TFO); Service description; Stage 2 | S4 | Yes |
| 03.55 | Dual Transfer Mode (DTM); Stage 2 | G1 | Yes |
| 03.58 | Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs) | S4 | Yes |
| 03.64 | General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2 | G1 | Yes |
| 03.68 | Voice Group Call Service (VGCS); Stage 2 | N1 | Yes |
| 03.69 | Voice Broadcast service (VBS); Stage 2 | N1 | Yes |
| 03.71 | Location Services (LCS); Functional description; Stage 2 | S2 | Yes |
| 03.73 | Support of Localised Service Area (SoLSA); Stage 2 | N4 | Yes |
| 04.01 | Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles | N1 | Yes |
| 04.03 | Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities | G2 | Yes |
| 04.04 | Layer 1 - General Requirements | G2 | Yes |
| 04.05 | Data Link (DL) Layer General Aspects | G2 | Yes |
| 04.06 | Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification | G2 | Yes |
| 04.08 | Mobile radio interface layer 3 specification | N1 | Yes |
| 04.12 | Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface | G2 | Yes |
| 04.13 | Performance Requirements on Mobile Radio Interface | N1 | Yes |
| 04.14 | Individual equipment type requirements and interworking; Special conformance testing functions | G2 | Yes |
| 04.18 | Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol | G2 | Yes |
| 04.21 | Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface | N3 | Yes |
| 04.31 | Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP) | G2 | Yes |
| 04.35 | Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods | G2 | Yes |
| 04.56 | GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification | N1 | Yes |
| 04.57 | GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification | N1 | Yes |
| 04.60 | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol | G2 | Yes |
| 04.64 | General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification | N1 | Yes |
| 04.65 | General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP) | N1 | Yes |
| 04.68 | Group Call Control (GCC) Protocol | N1 | Yes |
| 04.69 | Broadcast Call Control (BCC) protocol | N1 | Yes |
| 04.71 | Location Services (LCS); Mobile radio interface layer 3 specification | G2 | Yes |

| Number | Title | WG prime | For publication? |
|--------|--|----------|------------------|
| 05.01 | Physical Layer on the Radio Path (General Description) | G1 | Yes |
| 05.02 | Multiplexing and Multiple Access on the Radio Path | G1 | Yes |
| 05.03 | Channel coding | G1 | Yes |
| 05.04 | Modulation | G1 | Yes |
| 05.05 | Radio Transmission and Reception | G1 | Yes |
| 05.08 | Radio Subsystem Link Control | G1 | Yes |
| 05.09 | Link adaptation | G1 | Yes |
| 05.10 | Radio subsystem synchronization | G1 | Yes |
| 05.22 | Radio link management in hierarchical networks | G1 | Yes |
| 05.50 | Background for RF Requirements | G1 | Yes |
| 05.56 | GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem | G1 | Yes |
| 06.01 | Full Rate Speech Processing Functions | S4 | Yes |
| 06.02 | Half Rate Speech Processing Functions | S4 | Yes |
| 06.06 | Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec | S4 | Yes |
| 06.07 | Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec | S4 | Yes |
| 06.08 | Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec | S4 | Yes |
| 06.10 | Full Rate Speech Transcoding | S4 | Yes |
| 06.11 | Substitution and Muting of Lost Frames for Full Rate Speech Channels | S4 | Yes |
| 06.12 | Comfort Noise Aspects for Full Rate Speech Traffic Channels | S4 | Yes |
| 06.20 | Half Rate Speech Transcoding | S4 | Yes |
| 06.21 | Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels | S4 | Yes |
| 06.22 | Comfort Noise Aspects for Half Rate Speech Traffic Channels | S4 | Yes |
| 06.31 | Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels | S4 | Yes |
| 06.32 | Voice Activity Detection (VAD) | S4 | Yes |
| 06.41 | Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels | S4 | Yes |
| 06.42 | Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels | S4 | Yes |
| 06.51 | GSM Enhanced full rate speech processing functions: General description | S4 | Yes |
| 06.53 | ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec | S4 | Yes |
| 06.54 | Test sequences for the GSM Enhanced Full Rate (EFR) | S4 | Yes |
| 06.55 | Performance characterisation of the GSM EFR Speech Codec | S4 | Yes |
| 06.60 | Enhanced full rate speech transcoding | S4 | Yes |
| 06.61 | Substitution and muting of lost frames for enhanced full rate speech traffic channels | S4 | Yes |
| 06.62 | Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels | S4 | Yes |
| 06.76 | Adaptive Multi-Rate (AMR) speech codec; Study phase report | S4 | Yes |
| 06.77 | Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder | S4 | Yes |
| 06.78 | Results of the AMR noise suppression selection phase | S4 | Yes |
| 06.81 | Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels | S4 | Yes |
| 06.82 | Voice Activity Detection (VAD) for enhanced full rate speech traffic channels | S4 | Yes |
| 06.85 | Subjective tests on the interoperability of the | S4 | Yes |

| Number | Title | WG prime | For publication? |
|---------|--|----------|------------------|
| | HR/FR/EFR speech codecs; single, tandem and tandem free operation | | |
| 08.01 | General Aspects on the BSS-MSC Interface | G2 | Yes |
| 08.02 | Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles | G2 | Yes |
| 08.04 | Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification | G2 | Yes |
| 08.06 | Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface | G2 | Yes |
| 08.08 | Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification | G2 | Yes |
| 08.14 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1 | G2 | Yes |
| 08.16 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service | G2 | Yes |
| 08.18 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol | G2 | Yes |
| 08.20 | Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface | N3 | Yes |
| 08.31 | Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification | G2 | Yes |
| 08.51 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects | G2 | Yes |
| 08.52 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles | G2 | Yes |
| 08.54 | BSC-BTS Layer 1; Structure of Physical Circuits | G2 | Yes |
| 08.56 | BSC-BTS Layer 2; Specification | G2 | Yes |
| 08.58 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification | G2 | Yes |
| 08.60 | In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels | G1 | Yes |
| 08.61 | In-band control of remote transcoders and rate adaptors for half rate traffic channels | G1 | Yes |
| 08.62 | Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3 | S4 | Yes |
| 08.71 | Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 | G2 | Yes |
| 09.01 | General Network Interworking Scenarios | N4 | Yes |
| 09.08 | Application of the Base Station System Application Part (BSSAP) on the E-Interface | N1 | Yes |
| 09.31 | Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE) | G2 | Yes |
| 10.56 | Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1 | S2 | No |
| 10.59 | Project scheduling and open issues for EDGE | G1 | No |
| 11.10-1 | Mobile station (MS) conformance specification; Part 1: Conformance specification | G3new | Yes |
| 11.10-4 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | T3 | Yes |
| 11.11 | Specification of the Subscriber Identity Module - | T3 | Yes |

| Number | Title | WG prime | For publication? |
|------------------------|---|--------------------|--------------------|
| | Mobile Equipment (SIM-ME) Interface | | |
| 11.13 | Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card | T3 | Yes |
| 11.14 | Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface | T3 | Yes |
| 11.17 | Subscriber Interface Module (SIM) test specification | T3 | Yes |
| 11.21 | Base Station System (BSS) equipment specification; Radio aspects | G1 | Yes |
| 11.26 | Base Station System (BSS) equipment specification; Part 4: Repeaters | G1 | Yes |
| 12.03 | Security Management | S5 | Yes |
| 12.04 | Performance data measurements | S5 | Yes |
| 12.21 | Network Management (NM) procedures and messages on the A-bis interface | G1 | Yes |
| 12.71 | Location Services (LCS); Location services management | S5 | Yes |
| 21.801 | Specification drafting rules | SP | No |
| 21.900 | Technical Specification Group working methods | SP | Yes |
| 21.978 | Feasibility Technical Report; CAMEL Control of VoIP Services | N2 | Yes |
| 22.001 | Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) | S1 | Yes |
| 22.002 | Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN) | S1 | Yes |
| 22.003 | Circuit Teleservices supported by a Public Land Mobile Network (PLMN) | S1 | Yes |
| 22.004 | General on supplementary services | S1 | Yes |
| 22.011 | Service accessibility | S1 | Yes |
| 22.016 | International Mobile Equipment Identities (IMEI) | S1 | Yes |
| 22.022 | Personalisation of Mobile Equipment (ME); Mobile functionality specification | S3 | Yes |
| 22.024 | Description of Charge Advice Information (CAI) | S1 | Yes |
| 22.030 | Man-Machine Interface (MMI) of the User Equipment (UE) | S1 | Yes |
| 22.031 | Fraud Information Gathering System (FIGS); Service description; Stage 1 | S3 | Yes |
| 22.032 | Immediate Service Termination (IST); Service description; Stage 1 | S3 | Yes |
| 22.034 | High Speed Circuit Switched Data (HSCSD); Stage 1 | S1 | Yes |
| 22.038 | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | S1 | Yes |
| 22.041 | Operator Determined Call Barring | S1 | Yes |
| 22.042 | Network Identity and Time Zone (NITZ) service description; Stage 1 | S1 | Yes |
| 22.057 | Mobile Execution Environment (MExE) service description; Stage 1 | S1 | Yes |
| 22.060 | General Packet Radio Service (GPRS); Service description; Stage 1 | S1 | Yes |
| 22.066 | Support of Mobile Number Portability (MNP); Stage 1 | S1 | Yes |
| 22.067 | enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1 | S1 | Yes |
| 22.071 | Location Services (LCS); Stage 1 | S1 | Yes |
| 22.072 | Call Deflection (CD); Stage 1 | S1 | Yes |
| 22.078 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | S1 | Yes |
| 22.079 | Support of optimal routing; Stage 1 | S1 | Yes |
| 22.081 | Line Identification supplementary services; Stage 1 | S1 | Yes |

| Number | Title | WG prime | For publication? |
|--------|--|----------|------------------|
| | 1 | | |
| 22.082 | Call Forwarding (CF) Supplementary Services; Stage 1 | S1 | Yes |
| 22.083 | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1 | S1 | Yes |
| 22.084 | MultiParty (MPTY) supplementary service; Stage 1 | S1 | Yes |
| 22.085 | Closed User Group (CUG) supplementary services; Stage 1 | S1 | Yes |
| 22.086 | Advice of Charge (AoC) supplementary services; Stage 1 | S1 | Yes |
| 22.087 | User-to-user signalling (UUS); Stage 1 | S1 | Yes |
| 22.088 | Call Barring (CB) supplementary services; Stage 1 | S1 | Yes |
| 22.090 | Unstructured Supplementary Service Data (USSD); Stage 1 | S1 | Yes |
| 22.091 | Explicit Call Transfer (ECT) supplementary service; Stage 1 | S1 | Yes |
| 22.093 | Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1 | S1 | Yes |
| 22.094 | Follow Me service description - Stage 1 | S1 | Yes |
| 22.096 | Name identification supplementary services; Stage 1 | S1 | Yes |
| 22.097 | Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1 | S1 | Yes |
| 22.115 | Service Aspects Charging and billing | S1 | Yes |
| 22.121 | Service aspects; The Virtual Home Environment; Stage 1 | S1 | Yes |
| 22.129 | Handover requirements between UTRAN and GERAN or other radio systems | S1 | Yes |
| 22.945 | Study of provision of fax service in GSM and UMTS | T2 | Yes |
| 23.002 | Network architecture | S2 | Yes |
| 23.003 | Numbering, Addressing and Identification | N4 | Yes |
| 23.007 | Restoration procedures | N4 | Yes |
| 23.008 | Organisation of subscriber data | N4 | Yes |
| 23.009 | Handover procedures | N1 | Yes |
| 23.011 | Technical realization of Supplementary Services | N4 | Yes |
| 23.012 | Location management procedures | N4 | Yes |
| 23.014 | Support of Dual Tone Multi Frequency (DTMF) signalling | N1 | Yes |
| 23.015 | Technical realisation of Operator Determined Barring (ODB) | N4 | Yes |
| 23.016 | Subscriber data management; Stage 2 | N4 | Yes |
| 23.018 | Basic Call Handling; Technical realization | N4 | Yes |
| 23.031 | Fraud Information Gathering System (FIGS); Service description; Stage 2 | S3 | Yes |
| 23.032 | Universal Geographical Area Description (GAD) | S2 | Yes |
| 23.034 | High Speed Circuit Switched Data (HSCSD); Stage 2 | N1 | Yes |
| 23.035 | Immediate Service Termination (IST); Stage 2 | S3 | Yes |
| 23.038 | Alphabets and language-specific information | T2 | Yes |
| 23.039 | Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) | T2 | Yes |
| 23.040 | Technical realization of Short Message Service (SMS) | T2 | Yes |
| 23.041 | Technical realization of Cell Broadcast Service (CBS) | T2 | Yes |
| 23.042 | Compression algorithm for SMS | T2 | Yes |
| 23.057 | Mobile Execution Environment (MExE); Functional description; Stage 2 | T2 | Yes |
| 23.060 | General Packet Radio Service (GPRS) Service description; Stage 2 | S2 | Yes |

| Number | Title | WG prime | For publication? |
|------------------------|--|--------------------|---------------------|
| 23.066 | Support of GSM Mobile Number Portability (MNP) stage 2 | N4 | Yes |
| 23.067 | Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 | N4 | Yes |
| 23.072 | Call Deflection Supplementary Service; Stage 2 | N4 | Yes |
| 23.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | N2 | Yes |
| 23.079 | Support of Optimal Routeing (SOR); Technical realization; Stage 2 | N4 | Yes |
| 23.081 | Line Identification supplementary services; Stage 2 | N4 | Yes |
| 23.082 | Call Forwarding (CF) Supplementary Services; Stage 2 | N4 | Yes |
| 23.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2 | N4 | Yes |
| 23.084 | MultiParty (MPTY) Supplementary Service; Stage 2 | N4 | Yes |
| 23.085 | Closed User Group (CUG) Supplementary Service; Stage 2 | N4 | Yes |
| 23.086 | Advice of Charge (AoC) Supplementary Service; Stage 2 | N4 | Yes |
| 23.087 | User-to-User Signalling (UUS) supplementary service; Stage 2 | N4 | Yes |
| 23.088 | Call Barring (CB) Supplementary Service; Stage 2 | N4 | Yes |
| 23.090 | Unstructured Supplementary Service Data (USSD); Stage 2 | N4 | Yes |
| 23.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 2 | N4 | Yes |
| 23.093 | Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2 | N4 | Yes |
| 23.094 | Follow Me Stage 2 | N4 | Yes |
| 23.096 | Name Identification Supplementary Service; Stage 2 | N4 | Yes |
| 23.097 | Multiple Subscriber Profile (MSP) Phase 1; Stage 2 | N4 | Yes |
| 23.108 | Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures) | N1 | Yes |
| 23.110 | UMTS Access Stratum Services and Functions | S2 | Yes |
| 23.116 | Super-Charger technical realization; Stage 2 | N4 | Yes |
| 23.119 | Gateway Location Register (GLR); Stage2 | N4 | Yes |
| 23.121 | Architectural requirements for Release 1999 | S2 | Yes |
| 23.122 | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode | N1 | Yes |
| 23.140 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | T2 | Yes |
| 23.908 | Technical report on Pre-Paging | N4 | Yes |
| 23.909 | Technical report on the Gateway Location Register | N4 | Yes |
| 23.911 | Technical report on Out-of-band transcoder control | N4 | Yes |
| 23.912 | Technical report on Super-Charger | N4 | Yes |
| 23.923 | Combined GSM and Mobile IP mobility handling in UMTS IP CN | S2 | Yes |
| 24.002 | GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration | N1 | Yes |
| 24.007 | Mobile radio interface signalling layer 3; General Aspects | N1 | Yes |
| 24.008 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | N1 | Yes |
| 24.010 | Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects | N4 | Yes |
| 24.011 | Point-to-Point (PP) Short Message Service | N1 | Yes |

| Number | Title | WG prime | For publication? |
|--------|---|----------|------------------|
| | (SMS) Support on Mobile Radio Interface | | |
| 24.022 | Radio Link Protocol (RLP) for circuit switched bearer and teleservices | N3 | Yes |
| 24.030 | Location Services (LCS); Supplementary service operations; Stage 3 | N4 | Yes |
| 24.067 | Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 | N4 | Yes |
| 24.072 | Call Deflection Supplementary Service; Stage 3 | N4 | Yes |
| 24.080 | Mobile radio Layer 3 supplementary service specification; Formats and coding | N4 | Yes |
| 24.081 | Line Identification Supplementary Service; Stage 3 | N4 | Yes |
| 24.082 | Call Forwarding supplementary service; Stage 3 | N4 | Yes |
| 24.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3 | N4 | Yes |
| 24.084 | MultiParty (MPTY) Supplementary Service; Stage 3 | N4 | Yes |
| 24.085 | Closed User Group (CUG) Supplementary Service; Stage 3 | N4 | Yes |
| 24.086 | Advice of Charge (AoC) Supplementary Service; Stage 3 | N4 | Yes |
| 24.087 | User-to-User Signalling (UUS); Stage 3 | N4 | Yes |
| 24.088 | Call Barring (CB) Supplementary Service; Stage 3 | N4 | Yes |
| 24.090 | Unstructured Supplementary Service Data (USSD); Stage 3 | N4 | Yes |
| 24.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 3 | N4 | Yes |
| 24.093 | Call Completion to Busy Subscriber (CCBS); Stage 3 | N4 | Yes |
| 24.096 | Name Identification Supplementary Service; Stage 3 | N4 | Yes |
| 26.071 | AMR speech Codec; General description | S4 | Yes |
| 26.073 | AMR speech Codec; C-source code | S4 | Yes |
| 26.074 | AMR speech Codec; Test sequences | S4 | Yes |
| 26.090 | AMR speech Codec; Transcoding Functions | S4 | Yes |
| 26.091 | AMR speech Codec; Error concealment of lost frames | S4 | Yes |
| 26.092 | AMR speech Codec; comfort noise for AMR Speech Traffic Channels | S4 | Yes |
| 26.093 | AMR speech Codec; Source Controlled Rate operation | S4 | Yes |
| 26.094 | AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels | S4 | Yes |
| 26.102 | Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu | S4 | Yes |
| 26.103 | Speech codec list for GSM and UMTS | S4 | Yes |
| 26.104 | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec | S4 | Yes |
| 26.110 | Codec for circuit switched multimedia telephony service; General description | S4 | Yes |
| 26.111 | Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324 | S4 | Yes |
| 26.911 | Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide | S4 | Yes |
| 26.975 | Performance characterization of the Adaptive Multi-Rate (AMR) speech codec | S4 | Yes |
| 27.001 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | N3 | Yes |
| 27.002 | Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities | N3 | Yes |
| 27.003 | Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities | N3 | Yes |
| 27.005 | Use of Data Terminal Equipment - Data Circuit | T2 | Yes |

| Number | Title | WG prime | For publication? |
|--------|--|----------|------------------|
| | terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) | | |
| 27.007 | AT command set for 3G User Equipment (UE) | T2 | Yes |
| 27.010 | Terminal Equipment to User Equipment (TE-UE) multiplexer protocol | T2 | Yes |
| 27.060 | Packet domain; Mobile Station (MS) supporting Packet Switched services | N3 | Yes |
| 27.103 | Wide Area Network Synchronization | T2 | Yes |
| 29.002 | Mobile Application Part (MAP) specification | N4 | Yes |
| 29.007 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | N3 | Yes |
| 29.010 | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | N4 | Yes |
| 29.011 | Signalling Interworking for Supplementary Services | N4 | Yes |
| 29.013 | Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols | N4 | Yes |
| 29.016 | Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification | N1 | Yes |
| 29.018 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | N1 | Yes |
| 29.060 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | N4 | Yes |
| 29.061 | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) | N3 | Yes |
| 29.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | N2 | Yes |
| 29.994 | Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults | N1 | Yes |
| 31.111 | Universal Subscriber Identity Module Application Toolkit (USAT) | T3 | Yes |

CR-Form-v7

CHANGE REQUEST

41.101 CR 002 # rev - # Current version: 4.9.0

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

| | | | |
|------------------------|--|-----------------|---|
| Title: | # Corrections to list of specifications | | |
| Source: | # MCC | | |
| Work item code: | # TEI | Date: | # 10/03/2004 |
| Category: | # F | Release: | # Rel-4 |
| | Use <u>one</u> of the following categories: | | Use <u>one</u> of the following releases: |
| | F (correction) | | 2 (GSM Phase 2) |
| | A (corresponds to a correction in an earlier release) | | R96 (Release 1996) |
| | B (addition of feature), | | R97 (Release 1997) |
| | C (functional modification of feature) | | R98 (Release 1998) |
| | D (editorial modification) | | R99 (Release 1999) |
| | Detailed explanations of the above categories can be found in 3GPP TR 21.900 . | | Rel-4 (Release 4) |
| | | | Rel-5 (Release 5) |
| | | | Rel-6 (Release 6) |

| | |
|--------------------------------------|---|
| Reason for change: | # To ensure list of specifications required to implement system is correct. |
| Summary of change: | # Addition of: 23.122 (previously only included in 3G lists) 51.010-4 (not yet available at this Release) |
| Consequences if not approved: | # List is wrong, risk of erroneous system implementation. |

| | | | | | | | | | |
|------------------------------|--|---|---|---|---|---|---|---|---|
| Clauses affected: | # 5 | | | | | | | | |
| Other specs affected: | # | | | | | | | | |
| | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications # | Y | N | # | X | # | X | # | X |
| Y | N | | | | | | | | |
| # | X | | | | | | | | |
| # | X | | | | | | | | |
| # | X | | | | | | | | |
| Other comments: | # | | | | | | | | |

5 Specifications and Reports

| Number | Title | WG prime | For publication? |
|--------|---|----------|------------------|
| 21.801 | Specification drafting rules | SP | No |
| 21.900 | Technical Specification Group working methods | SP | Yes |
| 22.001 | Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) | S1 | Yes |
| 22.002 | Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN) | S1 | Yes |
| 22.003 | Circuit Teleservices supported by a Public Land Mobile Network (PLMN) | S1 | Yes |
| 22.004 | General on supplementary services | S1 | Yes |
| 22.011 | Service accessibility | S1 | Yes |
| 22.016 | International Mobile Equipment Identities (IMEI) | S1 | Yes |
| 22.022 | Personalisation of Mobile Equipment (ME); Mobile functionality specification | S3 | Yes |
| 22.024 | Description of Charge Advice Information (CAI) | S1 | Yes |
| 22.030 | Man-Machine Interface (MMI) of the User Equipment (UE) | S1 | Yes |
| 22.031 | Fraud Information Gathering System (FIGS); Service description; Stage 1 | S3 | Yes |
| 22.032 | Immediate Service Termination (IST); Service description; Stage 1 | S3 | Yes |
| 22.034 | High Speed Circuit Switched Data (HSCSD); Stage 1 | S1 | Yes |
| 22.038 | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | S1 | Yes |
| 22.041 | Operator Determined Call Barring | S1 | Yes |
| 22.042 | Network Identity and Time Zone (NITZ) service description; Stage 1 | S1 | Yes |
| 22.048 | Security mechanisms for the (U)SIM application toolkit; Stage 1 | T3 | Yes |
| 22.053 | Tandem Free Operation (TFO); Service description; Stage 1 | S4 | Yes |
| 22.057 | Mobile Execution Environment (MExE) service description; Stage 1 | S1 | Yes |
| 22.060 | General Packet Radio Service (GPRS); Service description; Stage 1 | S1 | Yes |
| 22.066 | Support of Mobile Number Portability (MNP); Stage 1 | S1 | Yes |
| 22.067 | enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1 | S1 | Yes |
| 22.071 | Location Services (LCS); Stage 1 | S1 | Yes |
| 22.072 | Call Deflection (CD); Stage 1 | S1 | Yes |
| 22.076 | Noise suppression for the AMR codec; Service description; Stage 1 | S4 | Yes |
| 22.078 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | S1 | Yes |
| 22.079 | Support of optimal routeing; Stage 1 | S1 | Yes |
| 22.081 | Line Identification supplementary services; Stage 1 | S1 | Yes |
| 22.082 | Call Forwarding (CF) Supplementary Services; Stage 1 | S1 | Yes |
| 22.083 | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1 | S1 | Yes |
| 22.084 | MultiParty (MPY) supplementary service; Stage 1 | S1 | Yes |

| Number | Title | WG prime | For publication? |
|--------|--|----------|------------------|
| | 1 | | |
| 22.085 | Closed User Group (CUG) supplementary services; Stage 1 | S1 | Yes |
| 22.086 | Advice of Charge (AoC) supplementary services; Stage 1 | S1 | Yes |
| 22.087 | User-to-user signalling (UUS); Stage 1 | S1 | Yes |
| 22.088 | Call Barring (CB) supplementary services; Stage 1 | S1 | Yes |
| 22.090 | Unstructured Supplementary Service Data (USSD); Stage 1 | S1 | Yes |
| 22.091 | Explicit Call Transfer (ECT) supplementary service; Stage 1 | S1 | Yes |
| 22.093 | Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1 | S1 | Yes |
| 22.094 | Follow Me service description - Stage 1 | S1 | Yes |
| 22.096 | Name identification supplementary services; Stage 1 | S1 | Yes |
| 22.097 | Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1 | S1 | Yes |
| 22.115 | Service Aspects Charging and billing | S1 | Yes |
| 22.121 | Service aspects; The Virtual Home Environment; Stage 1 | S1 | Yes |
| 22.129 | Handover requirements between UTRAN and GERAN or other radio systems | S1 | Yes |
| 23.002 | Network architecture | S2 | Yes |
| 23.003 | Numbering, Addressing and Identification | N4 | Yes |
| 23.007 | Restoration procedures | N4 | Yes |
| 23.008 | Organisation of subscriber data | N4 | Yes |
| 23.009 | Handover procedures | N1 | Yes |
| 23.011 | Technical realization of Supplementary Services | N4 | Yes |
| 23.012 | Location management procedures | N4 | Yes |
| 23.014 | Support of Dual Tone Multi Frequency (DTMF) signalling | N1 | Yes |
| 23.015 | Technical realisation of Operator Determined Barring (ODB) | N4 | Yes |
| 23.016 | Subscriber data management; Stage 2 | N4 | Yes |
| 23.018 | Basic Call Handling; Technical realization | N4 | Yes |
| 23.031 | Fraud Information Gathering System (FIGS); Service description; Stage 2 | S3 | Yes |
| 23.032 | Universal Geographical Area Description (GAD) | S2 | Yes |
| 23.034 | High Speed Circuit Switched Data (HSCSD); Stage 2 | N1 | Yes |
| 23.035 | Immediate Service Termination (IST); Stage 2 | S3 | Yes |
| 23.038 | Alphabets and language-specific information | T2 | Yes |
| 23.039 | Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) | T2 | Yes |
| 23.040 | Technical realization of Short Message Service (SMS) | T2 | Yes |
| 23.041 | Technical realization of Cell Broadcast Service (CBS) | T2 | Yes |
| 23.042 | Compression algorithm for SMS | T2 | Yes |
| 23.048 | Security mechanisms for the (U)SIM application toolkit; Stage 2 | T3 | Yes |
| 23.053 | Tandem Free Operation (TFO); Service description; Stage 2 | S4 | Yes |
| 23.057 | Mobile Execution Environment (MExE); Functional description; Stage 2 | T2 | Yes |
| 23.060 | General Packet Radio Service (GPRS) Service description; Stage 2 | S2 | Yes |
| 23.066 | Support of GSM Mobile Number Portability (MNP) stage 2 | N4 | Yes |
| 23.067 | Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 | N4 | Yes |

| Number | Title | WG prime | For publication? |
|------------------------|--|--------------------|---------------------|
| 23.072 | Call Deflection Supplementary Service; Stage 2 | N4 | Yes |
| 23.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | N2 | Yes |
| 23.079 | Support of Optimal Routeing (SOR); Technical realization; Stage 2 | N4 | Yes |
| 23.081 | Line Identification supplementary services; Stage 2 | N4 | Yes |
| 23.082 | Call Forwarding (CF) Supplementary Services; Stage 2 | N4 | Yes |
| 23.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2 | N4 | Yes |
| 23.084 | MultiParty (MPY) Supplementary Service; Stage 2 | N4 | Yes |
| 23.085 | Closed User Group (CUG) Supplementary Service; Stage 2 | N4 | Yes |
| 23.086 | Advice of Charge (AoC) Supplementary Service; Stage 2 | N4 | Yes |
| 23.087 | User-to-User Signalling (UUS) supplementary service; Stage 2 | N4 | Yes |
| 23.088 | Call Barring (CB) Supplementary Service; Stage 2 | N4 | Yes |
| 23.090 | Unstructured Supplementary Service Data (USSD); Stage 2 | N4 | Yes |
| 23.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 2 | N4 | Yes |
| 23.093 | Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2 | N4 | Yes |
| 23.094 | Follow Me Stage 2 | N4 | Yes |
| 23.096 | Name Identification Supplementary Service; Stage 2 | N4 | Yes |
| 23.097 | Multiple Subscriber Profile (MSP) Phase 1; Stage 2 | N4 | Yes |
| 23.108 | Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures) | N1 | Yes |
| 23.110 | UMTS Access Stratum Services and Functions | S2 | Yes |
| 23.116 | Super-Charger technical realization; Stage 2 | N4 | Yes |
| 23.119 | Gateway Location Register (GLR); Stage2 | N4 | Yes |
| 23.122 | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode | N1 | Yes |
| 23.140 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | T2 | Yes |
| 23.221 | Architectural requirements | S2 | Yes |
| 23.271 | Location Services (LCS); Functional description; Stage 2 | S2 | Yes |
| 23.908 | Technical report on Pre-Paging | N4 | Yes |
| 23.909 | Technical report on the Gateway Location Register | N4 | Yes |
| 23.911 | Technical report on Out-of-band transcoder control | N4 | Yes |
| 23.912 | Technical report on Super-Charger | N4 | Yes |
| 24.002 | GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration | N1 | Yes |
| 24.007 | Mobile radio interface signalling layer 3; General Aspects | N1 | Yes |
| 24.008 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | N1 | Yes |
| 24.010 | Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects | N4 | Yes |
| 24.011 | Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface | N1 | Yes |
| 24.022 | Radio Link Protocol (RLP) for circuit switched bearer and teleservices | N3 | Yes |
| 24.030 | Location Services (LCS); Supplementary service | N4 | Yes |

| Number | Title | WG prime | For publication? |
|--------|---|----------|------------------|
| | operations; Stage 3 | | |
| 24.067 | Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 | N4 | Yes |
| 24.072 | Call Deflection Supplementary Service; Stage 3 | N4 | Yes |
| 24.080 | Mobile radio Layer 3 supplementary service specification; Formats and coding | N4 | Yes |
| 24.081 | Line Identification Supplementary Service; Stage 3 | N4 | Yes |
| 24.082 | Call Forwarding supplementary service; Stage 3 | N4 | Yes |
| 24.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3 | N4 | Yes |
| 24.084 | MultiParty (MPTY) Supplementary Service; Stage 3 | N4 | Yes |
| 24.085 | Closed User Group (CUG) Supplementary Service; Stage 3 | N4 | Yes |
| 24.086 | Advice of Charge (AoC) Supplementary Service; Stage 3 | N4 | Yes |
| 24.087 | User-to-User Signalling (UUS); Stage 3 | N4 | Yes |
| 24.088 | Call Barring (CB) Supplementary Service; Stage 3 | N4 | Yes |
| 24.090 | Unstructured Supplementary Service Data (USSD); Stage 3 | N4 | Yes |
| 24.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 3 | N4 | Yes |
| 24.093 | Call Completion to Busy Subscriber (CCBS); Stage 3 | N4 | Yes |
| 24.096 | Name Identification Supplementary Service; Stage 3 | N4 | Yes |
| 26.071 | AMR speech Codec; General description | S4 | Yes |
| 26.073 | AMR speech Codec; C-source code | S4 | Yes |
| 26.074 | AMR speech Codec; Test sequences | S4 | Yes |
| 26.077 | Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder | S4 | Yes |
| 26.090 | AMR speech Codec; Transcoding Functions | S4 | Yes |
| 26.091 | AMR speech Codec; Error concealment of lost frames | S4 | Yes |
| 26.092 | AMR speech Codec; comfort noise for AMR Speech Traffic Channels | S4 | Yes |
| 26.093 | AMR speech Codec; Source Controlled Rate operation | S4 | Yes |
| 26.094 | AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels | S4 | Yes |
| 26.102 | Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu | S4 | Yes |
| 26.103 | Speech codec list for GSM and UMTS | S4 | Yes |
| 26.104 | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec | S4 | Yes |
| 26.110 | Codec for circuit switched multimedia telephony service; General description | S4 | Yes |
| 26.111 | Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324 | S4 | Yes |
| 26.901 | AMR wideband speech codec; Feasibility study report | S4 | Yes |
| 26.911 | Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide | S4 | Yes |
| 26.975 | Performance characterization of the Adaptive Multi-Rate (AMR) speech codec | S4 | Yes |
| 26.978 | Results of the AMR noise suppression selection phase | S4 | Yes |
| 27.001 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | N3 | Yes |
| 27.002 | Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities | N3 | Yes |

| Number | Title | WG prime | For publication? |
|--------|--|----------|------------------|
| 27.003 | Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities | N3 | Yes |
| 27.005 | Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) | T2 | Yes |
| 27.007 | AT command set for 3G User Equipment (UE) | T2 | Yes |
| 27.010 | Terminal Equipment to User Equipment (TE-UE) multiplexer protocol | T2 | Yes |
| 27.060 | Packet domain; Mobile Station (MS) supporting Packet Switched services | N3 | Yes |
| 27.103 | Wide Area Network Synchronization | T2 | Yes |
| 28.062 | Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3 | S4 | Yes |
| 29.002 | Mobile Application Part (MAP) specification | N4 | Yes |
| 29.007 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | N3 | Yes |
| 29.010 | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | N4 | Yes |
| 29.011 | Signalling Interworking for Supplementary Services | N4 | Yes |
| 29.013 | Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols | N4 | Yes |
| 29.016 | Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification | N1 | Yes |
| 29.018 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | N1 | Yes |
| 29.060 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | N4 | Yes |
| 29.061 | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) | N3 | Yes |
| 29.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | N2 | Yes |
| 29.994 | Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults | N1 | Yes |
| 30.902 | Guidelines for the modification of the Mobile Application Part (MAP) | N4 | No |
| 31.048 | Test specification for security mechanisms for the (U)SIM application toolkit | T3 | Yes |
| 31.111 | Universal Subscriber Identity Module Application Toolkit (USAT) | T3 | Yes |
| 32.200 | Telecommunication management; Charging management; Charging principles | S5 | Yes |
| 32.311 | Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements | S5 | Yes |
| 32.401 | Telecommunication management; Performance Management (PM); Concept and requirements | S5 | Yes |
| 32.403 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | S5 | Yes |
| 32.600 | Telecommunication management; Configuration | S5 | Yes |

| Number | Title | WG prime | For publication? |
|--------|--|----------|------------------|
| | Management (CM); Concept and high-level requirements | | |
| 32.601 | Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements | S5 | Yes |
| 32.602 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information service | S5 | Yes |
| 32.603 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes |
| 32.621 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements | S5 | Yes |
| 32.622 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM) | S5 | Yes |
| 32.623 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes |
| 32.624 | Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes |
| 32.632 | Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM) | S5 | Yes |
| 32.633 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes |
| 32.634 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes |
| 32.651 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements | S5 | Yes |
| 32.652 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM) | S5 | Yes |
| 32.653 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes |
| 32.654 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes |
| 41.031 | Fraud Information Gathering System (FIGS); Service requirements; Stage 0 | S3 | Yes |
| 41.033 | Lawful Interception requirements for GSM | S3 | Yes |
| 41.061 | General Packet Radio Service (GPRS); GPRS | S3 | Yes |

| Number | Title | WG prime | For publication? |
|--------|---|----------|------------------|
| | ciphering algorithm requirements | | |
| 41.101 | Technical Specifications and Technical Reports for a GERAN-based 3GPP system | SP | Yes |
| 42.009 | Security Aspects | S3 | Yes |
| 42.017 | Subscriber Identity Module (SIM); Functional characteristics | T3 | Yes |
| 42.019 | Subscriber Identity Module Application Programming Interface (SIM API); Stage 1 | T3 | Yes |
| 42.033 | Lawful Interception; Stage 1 | S3 | Yes |
| 42.043 | Support of Localised Service Area (SoLSA); Service description; Stage 1 | S1 | Yes |
| 42.056 | GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1 | S1 | Yes |
| 42.068 | Voice Group Call Service (VGCS); Stage 1 | S1 | Yes |
| 42.069 | Voice Broadcast Service (VBS); Stage 1 | S1 | Yes |
| 43.005 | Technical performance objectives | NP | Yes |
| 43.010 | GSM Public Land Mobile Network (PLMN) connection types | N3 | Yes |
| 43.013 | Discontinuous Reception (DRX) in the GSM system | G1 | Yes |
| 43.019 | Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2 | T3 | Yes |
| 43.020 | Security-related network functions | S3 | Yes |
| 43.022 | Functions related to Mobile Station (MS) in idle mode and group receive mode | G1 | Yes |
| 43.026 | Multiband operation of GSM / DCS 1800 by a single operator | G1 | Yes |
| 43.030 | Radio network planning aspects | G1 | Yes |
| 43.033 | Lawful Interception; Stage 2 | S3 | Yes |
| 43.045 | Technical Realization of Facsimile Group 3 Service - transparent | N3 | Yes |
| 43.050 | Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System | S4 | Yes |
| 43.052 | Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2 | G1 | Yes |
| 43.055 | Dual Transfer Mode (DTM); Stage 2 | G1 | Yes |
| 43.058 | Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs) | S4 | Yes |
| 43.059 | Functional stage 2 description of Location Services (LCS) in GERAN | G1 | Yes |
| 43.064 | Overall description of the GPRS radio interface; Stage 2 | G1 | Yes |
| 43.068 | Voice Group Call Service (VGCS); Stage 2 | N1 | Yes |
| 43.069 | Voice Broadcast service (VBS); Stage 2 | N1 | Yes |
| 43.073 | Support of Localised Service Area (SoLSA); Stage 2 | N4 | Yes |
| 44.001 | Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles | N1 | Yes |
| 44.003 | Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities | G2 | Yes |
| 44.004 | Layer 1 - General Requirements | G2 | Yes |
| 44.005 | Data Link (DL) Layer General Aspects | G2 | Yes |
| 44.006 | Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification | G2 | Yes |
| 44.012 | Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface | G2 | Yes |
| 44.013 | Performance Requirements on Mobile Radio Interface | N1 | Yes |
| 44.014 | Individual equipment type requirements and interworking; Special conformance testing | G2 | Yes |

| Number | Title | WG prime | For publication? |
|--------|--|----------|------------------|
| | functions | | |
| 44.018 | Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol | G2 | Yes |
| 44.021 | Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface | N3 | Yes |
| 44.031 | Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP) | G2 | Yes |
| 44.035 | Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods | G2 | Yes |
| 44.056 | GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification | N1 | Yes |
| 44.057 | GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification | N1 | Yes |
| 44.060 | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol | G2 | Yes |
| 44.064 | Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification | N1 | Yes |
| 44.065 | Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP) | N1 | Yes |
| 44.068 | Group Call Control (GCC) Protocol | N1 | Yes |
| 44.069 | Broadcast Call Control (BCC) protocol | N1 | Yes |
| 44.071 | Location Services (LCS); Mobile radio interface layer 3 LCS specification | G2 | Yes |
| 45.001 | Physical layer on the radio path; General description | G1 | Yes |
| 45.002 | Multiplexing and multiple access on the radio path | G1 | Yes |
| 45.003 | Channel coding | G1 | Yes |
| 45.004 | Modulation | G1 | Yes |
| 45.005 | Radio transmission and reception | G1 | Yes |
| 45.008 | Radio subsystem link control | G1 | Yes |
| 45.009 | Link adaptation | G1 | Yes |
| 45.010 | Radio subsystem synchronization | G1 | Yes |
| 45.022 | Radio link management in hierarchical networks | G1 | Yes |
| 45.050 | Background for RF Requirements | G1 | Yes |
| 45.056 | CTS-FP Radio Sub-system | G1 | Yes |
| 46.001 | Full Rate Speech Processing Functions | S4 | Yes |
| 46.002 | Half Rate Speech Processing Functions | S4 | Yes |
| 46.006 | Half-rate speech: ANSI-C code for GSM half-rate speech codec | S4 | Yes |
| 46.007 | Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec | S4 | Yes |
| 46.008 | Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec | S4 | Yes |
| 46.010 | Full-rate speech transcoding | S4 | Yes |
| 46.011 | Substitution and Muting of Lost Frames for Full Rate Speech Channels | S4 | Yes |
| 46.012 | Comfort Noise Aspects for Full Rate Speech Traffic Channels | S4 | Yes |
| 46.020 | Half Rate Speech Transcoding | S4 | Yes |
| 46.021 | Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels | S4 | Yes |
| 46.022 | Comfort Noise Aspects for Half Rate Speech Traffic Channels | S4 | Yes |
| 46.031 | Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels | S4 | Yes |

| Number | Title | WG prime | For publication? |
|--------|---|----------|------------------|
| 46.032 | Voice Activity Detection (VAD) | S4 | Yes |
| 46.041 | Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels | S4 | Yes |
| 46.042 | Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels | S4 | Yes |
| 46.051 | GSM Enhanced full rate speech processing functions: General description | S4 | Yes |
| 46.053 | ANSI-C code for the GSM Enhanced full rate speech codec | S4 | Yes |
| 46.054 | Test sequences for the GSM Enhanced Full Rate (EFR) | S4 | Yes |
| 46.055 | Performance characterisation of the GSM EFR Speech Codec | S4 | Yes |
| 46.060 | Enhanced full rate speech transcoding | S4 | Yes |
| 46.061 | Substitution and muting of lost frames for enhanced full rate speech traffic channels | S4 | Yes |
| 46.062 | Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels | S4 | Yes |
| 46.076 | Adaptive Multi-Rate (AMR) speech codec; Study phase report | S4 | Yes |
| 46.081 | Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels | S4 | Yes |
| 46.082 | Voice Activity Detection (VAD) for enhanced full rate speech traffic channels | S4 | Yes |
| 46.085 | Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation | S4 | Yes |
| 48.001 | General Aspects on the BSS-MSC Interface | G2 | Yes |
| 48.002 | Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles | G2 | Yes |
| 48.004 | Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification | G2 | Yes |
| 48.006 | Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface | G2 | Yes |
| 48.008 | Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification | G2 | Yes |
| 48.014 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1 | G2 | Yes |
| 48.016 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service | G2 | Yes |
| 48.018 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol | G2 | Yes |
| 48.020 | Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface | N3 | Yes |
| 48.031 | Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification | G2 | Yes |
| 48.051 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects | G2 | Yes |
| 48.052 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles | G2 | Yes |
| 48.054 | Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits | G2 | Yes |
| 48.056 | Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 | G2 | Yes |

| Number | Title | WG prime | For publication? |
|--------------------------|--|--------------------|---------------------|
| | specification | | |
| 48.058 | Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification | G2 | Yes |
| 48.060 | In-band control of remote transcoders and rate adaptors for full rate traffic channels | G1 | Yes |
| 48.061 | In-band control of remote transcoders and rate adaptors for half rate traffic channels | G1 | Yes |
| 48.071 | Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification | G2 | Yes |
| 49.001 | General network interworking scenarios | N4 | Yes |
| 49.008 | Application of the Base Station System Application Part (BSSAP) on the E-Interface | N1 | Yes |
| 49.031 | Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE) | G2 | Yes |
| 50.059 | Enhanced Data rates for GSM Evolution (EDGE); Project scheduling and open issues for EDGE | G1 | No |
| 51.010-1 | Mobile Station (MS) conformance specification; Part 1: Conformance specification | G3new | Yes |
| 51.010-2 | Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification | G3new | Yes |
| 51.010-3 | Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS) | G3new | Yes |
| 51.010-4 | Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification | T3 | Yes |
| 51.011 | Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface | T3 | Yes |
| 51.013 | Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card | T3 | Yes |
| 51.014 | Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit | T3 | Yes |
| 51.021 | GSM radio aspects base station system equipment specification | G1 | Yes |
| 51.026 | GSM Repeater Equipment Specification | G1 | Yes |
| 52.021 | Network Management (NM) Procedures and messages on the A-bis interface | G1 | Yes |
| 52.402 | Telecommunication management; Performance Management (PM); Performance measurements - GSM | S5 | Yes |

CR-Form-v7

CHANGE REQUEST

41.101 CR 003 # rev - # Current version: 5.5.2

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

| | | | |
|------------------------|---|-----------------|---|
| Title: | # Corrections to list of specifications | | |
| Source: | # MCC | | |
| Work item code: | # TEI | Date: | # 10/03/2004 |
| Category: | # F | Release: | # Rel-5 |
| | Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 . | | Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6) |

| | |
|--------------------------------------|---|
| Reason for change: | # To ensure list of specifications required to implement system is correct. |
| Summary of change: | # Addition of: 23.122 (previously only included in 3G lists) 51.010-3 (Rel-5 version results from approved CRs at GERAN#18) |
| Consequences if not approved: | # List is wrong, risk of erroneous system implementation. |

| | | | | | |
|------------------------------|--|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| Clauses affected: | # 5 | | | | |
| Other specs affected: | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # | Y | N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Y | N | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications # | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications # | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| Other comments: | # | | | | |

5 Specifications and Reports

NOTE 1: The "for publication?" column of the table below indicates whether or not the documents are intended for adoption by the partner Standards Development Organizations as their own publications. Those marked "no" are internal working documents of the 3GPP TSGs.

NOTE 2: For definition of "freezing" of specifications (last two columns), see 3GPP TS 21.900 [2].

| Number | Title | WG prime | For publication? | freeze date | frozen |
|--------|---|----------|------------------|-------------|--------|
| 21.801 | Specification drafting rules | SP | No | 14/03/2002 | yes |
| 21.900 | Technical Specification Group working methods | SP | Yes | 14/03/2002 | yes |
| 22.001 | Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) | S1 | Yes | 13/06/2002 | yes |
| 22.002 | Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN) | S1 | Yes | 13/06/2002 | yes |
| 22.003 | Circuit Teleservices supported by a Public Land Mobile Network (PLMN) | S1 | Yes | 14/03/2002 | yes |
| 22.004 | General on supplementary services | S1 | Yes | 13/06/2002 | yes |
| 22.011 | Service accessibility | S1 | Yes | 13/06/2002 | yes |
| 22.016 | International Mobile Equipment Identities (IMEI) | S1 | Yes | 13/06/2002 | yes |
| 22.022 | Personalisation of Mobile Equipment (ME); Mobile functionality specification | S3 | Yes | 12/09/2002 | yes |
| 22.024 | Description of Charge Advice Information (CAI) | S1 | Yes | 13/06/2002 | yes |
| 22.030 | Man-Machine Interface (MMI) of the User Equipment (UE) | S1 | Yes | 13/06/2002 | yes |
| 22.031 | Fraud Information Gathering System (FIGS); Service description; Stage 1 | S3 | Yes | 12/12/2002 | yes |
| 22.032 | Immediate Service Termination (IST); Service description; Stage 1 | S3 | Yes | 13/06/2002 | yes |
| 22.034 | High Speed Circuit Switched Data (HSCSD); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.038 | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | S1 | Yes | 14/03/2002 | yes |
| 22.041 | Operator Determined Call Barring | S1 | Yes | 13/06/2002 | yes |
| 22.042 | Network Identity and Time Zone (NITZ) service description; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.048 | Security mechanisms for the (U)SIM application toolkit; Stage 1 | T3 | Yes | 06/06/2003 | yes |
| 22.053 | Tandem Free Operation (TFO); Service description; Stage 1 | S4 | Yes | 13/06/2002 | yes |
| 22.057 | Mobile Execution Environment (MExE) service description; Stage 1 | S1 | Yes | 14/03/2002 | yes |
| 22.060 | General Packet Radio Service (GPRS); Service description; Stage 1 | S1 | Yes | 14/03/2002 | yes |
| 22.066 | Support of Mobile Number Portability (MNP); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.067 | enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.071 | Location Services (LCS); Stage 1 | S1 | Yes | 14/03/2002 | yes |
| 22.072 | Call Deflection (CD); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.076 | Noise suppression for the AMR codec; Service description; Stage 1 | S4 | Yes | 13/06/2002 | yes |
| 22.078 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | S1 | Yes | 14/03/2002 | yes |
| 22.079 | Support of optimal routeing; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.081 | Line Identification supplementary services; Stage 1 | S1 | Yes | 13/06/2002 | yes |

| Number | Title | WG prime | For publication? | freeze date | frozen |
|--------|--|----------|------------------|-------------|--------|
| | 1 | | | | |
| 22.082 | Call Forwarding (CF) Supplementary Services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.083 | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.084 | MultiParty (MPTY) supplementary service; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.085 | Closed User Group (CUG) supplementary services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.086 | Advice of Charge (AoC) supplementary services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.087 | User-to-user signalling (UUS); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.088 | Call Barring (CB) supplementary services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.090 | Unstructured Supplementary Service Data (USSD); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.091 | Explicit Call Transfer (ECT) supplementary service; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.093 | Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.094 | Follow Me service description - Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.096 | Name identification supplementary services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.097 | Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 22.115 | Service Aspects Charging and billing | S1 | Yes | 14/03/2002 | yes |
| 22.121 | Service aspects; The Virtual Home Environment; Stage 1 | S1 | Yes | 14/03/2002 | yes |
| 22.129 | Handover requirements between UTRAN and GERAN or other radio systems | S1 | Yes | 14/03/2002 | yes |
| 22.226 | Global text telephony (GTT); Stage 1: Service description | S1 | Yes | 14/03/2002 | yes |
| 22.228 | Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1 | S1 | Yes | 14/03/2002 | yes |
| 23.002 | Network architecture | S2 | Yes | 14/03/2002 | yes |
| 23.003 | Numbering, addressing and identification | N4 | Yes | 08/03/2002 | yes |
| 23.007 | Restoration procedures | N4 | Yes | 08/03/2002 | yes |
| 23.008 | Organisation of subscriber data | N4 | Yes | 08/03/2002 | yes |
| 23.009 | Handover procedures | N1 | Yes | 08/03/2002 | yes |
| 23.011 | Technical realization of Supplementary Services | N4 | Yes | 08/03/2002 | yes |
| 23.012 | Location management procedures | N4 | Yes | 08/03/2002 | yes |
| 23.014 | Support of Dual Tone Multi Frequency (DTMF) signalling | N1 | Yes | 08/03/2002 | yes |
| 23.015 | Technical realization of Operator Determined Barring (ODB) | N4 | Yes | 08/03/2002 | yes |
| 23.016 | Subscriber data management; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.018 | Basic Call Handling; Technical realization | N4 | Yes | 08/03/2002 | yes |
| 23.031 | Fraud Information Gathering System (FIGS); Service description; Stage 2 | S3 | Yes | 12/12/2002 | yes |
| 23.032 | Universal Geographical Area Description (GAD) | S2 | Yes | 20/03/2003 | yes |
| 23.034 | High Speed Circuit Switched Data (HSCSD); Stage 2 | N1 | Yes | 08/03/2002 | yes |
| 23.035 | Immediate Service Termination (IST); Stage 2 | S3 | Yes | 13/06/2002 | yes |
| 23.038 | Alphabets and language-specific information | T2 | Yes | 08/03/2002 | yes |
| 23.039 | Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) | T2 | Yes | 08/03/2002 | yes |
| 23.040 | Technical realization of Short Message Service (SMS) | T2 | Yes | 08/03/2002 | yes |
| 23.041 | Technical realization of Cell Broadcast Service (CBS) | T2 | Yes | 07/06/2002 | yes |
| 23.042 | Compression algorithm for SMS | T2 | Yes | 08/03/2002 | yes |
| 23.048 | Security mechanisms for the (U)SIM application toolkit; Stage 2 | T3 | Yes | 08/03/2002 | yes |

| Number | Title | WG prime | For publication? | freeze date | frozen |
|------------------------|--|--------------------|---------------------|----------------------------|---------------------|
| 23.053 | Tandem Free Operation (TFO); Service description; Stage 2 | S4 | Yes | 13/06/2002 | yes |
| 23.057 | Mobile Execution Environment (MExE); Functional description; Stage 2 | T2 | Yes | 08/03/2002 | yes |
| 23.060 | General Packet Radio Service (GPRS) Service description; Stage 2 | S2 | Yes | 14/03/2002 | yes |
| 23.066 | Support of GSM Mobile Number Portability (MNP) stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.067 | Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.072 | Call Deflection Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.078 | customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | N2 | Yes | 07/06/2002 | yes |
| 23.079 | Support of Optimal Routeing (SOR); Technical realization; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.081 | Line Identification supplementary services; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.082 | Call Forwarding (CF) Supplementary Services; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.084 | MultiParty (MPTY) Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.085 | Closed User Group (CUG) Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.086 | Advice of Charge (AoC) Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.087 | User-to-User Signalling (UUS) supplementary service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.088 | Call Barring (CB) Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.090 | Unstructured Supplementary Service Data (USSD); Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.093 | Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.094 | Follow Me Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.096 | Name Identification Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.097 | Multiple Subscriber Profile (MSP) Phase 1; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.108 | Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures) | N1 | Yes | 07/06/2002 | yes |
| 23.110 | UMTS Access Stratum Services and Functions | S2 | Yes | 18/12/2003 | yes |
| 23.116 | Super-Charger technical realization; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| 23.119 | Gateway Location Register (GLR); Stage2 | N4 | Yes | 08/03/2002 | yes |
| 23.122 | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode | N1 | Yes | 08-03-2002 | yes |
| 23.140 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | T2 | Yes | 08/03/2002 | yes |
| 23.195 | Provision of User Equipment Specific Behaviour Information (UESBI) to network entities | S2 | Yes | 12/06/2003 | yes |
| 23.207 | End-to-end Quality of Service (QoS) concept and architecture | S2 | Yes | 14/03/2002 | yes |
| 23.218 | IP Multimedia (IM) session handling; IM call model; Stage 2 | N1 | Yes | 08/03/2002 | yes |
| 23.221 | Architectural requirements | S2 | Yes | 14/03/2002 | yes |
| 23.226 | Global text telephony (GTT); Stage 2: Architecture | S2 | Yes | 08/03/2002 | yes |
| 23.228 | IP Multimedia Subsystem (IMS); Stage 2 | S2 | Yes | 14/03/2002 | yes |
| 23.236 | Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network | S2 | Yes | 14/03/2002 | yes |

| Number | Title | WG prime | For publication? | freeze date | frozen |
|--------|--|----------|------------------|-------------|--------|
| | (CN) nodes | | | | |
| 23.271 | Location Services (LCS); Functional description; Stage 2 | S2 | Yes | 14/03/2002 | yes |
| 23.278 | customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2 | N2 | Yes | 06/12/2002 | yes |
| 23.815 | Charging implications of IMS architecture | S2 | No | 14/03/2002 | yes |
| 24.002 | GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration | N1 | Yes | 08/03/2002 | yes |
| 24.007 | Mobile radio interface signalling layer 3; General Aspects | N1 | Yes | 08/03/2002 | yes |
| 24.008 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | N1 | Yes | 08/03/2002 | yes |
| 24.010 | Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects | N4 | Yes | 08/03/2002 | yes |
| 24.011 | Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface | N1 | Yes | 08/03/2002 | yes |
| 24.022 | Radio Link Protocol (RLP) for circuit switched bearer and teleservices | N3 | Yes | 08/03/2002 | yes |
| 24.030 | Location Services (LCS); Supplementary service operations; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.067 | Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.072 | Call Deflection Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.080 | Mobile radio Layer 3 supplementary service specification; Formats and coding | N4 | Yes | 08/03/2002 | yes |
| 24.081 | Line Identification Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.082 | Call Forwarding supplementary service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.084 | MultiParty (MPTY) Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.085 | Closed User Group (CUG) Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.086 | Advice of Charge (AoC) Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.087 | User-to-User Signalling (UUS); Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.088 | Call Barring (CB) Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.090 | Unstructured Supplementary Service Data (USSD); Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.093 | Call Completion to Busy Subscriber (CCBS); Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.096 | Name Identification Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| 24.228 | Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | N1 | Yes | 07/06/2002 | yes |
| 24.229 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | N1 | Yes | 07/06/2002 | yes |
| 26.071 | AMR speech Codec; General description | S4 | Yes | 13/06/2002 | yes |
| 26.073 | AMR speech Codec; C-source code | S4 | Yes | 13/06/2002 | yes |
| 26.074 | AMR speech Codec; Test sequences | S4 | Yes | 13/06/2002 | yes |
| 26.077 | Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder | S4 | Yes | 13/06/2002 | yes |
| 26.090 | AMR speech Codec; Transcoding Functions | S4 | Yes | 13/06/2002 | yes |
| 26.091 | AMR speech Codec; Error concealment of lost frames | S4 | Yes | 13/06/2002 | yes |

| Number | Title | WG prime | For publication? | freeze date | frozen |
|--------|--|----------|------------------|-------------|--------|
| 26.092 | AMR speech Codec; comfort noise for AMR Speech Traffic Channels | S4 | Yes | 13/06/2002 | yes |
| 26.093 | AMR speech Codec; Source Controlled Rate operation | S4 | Yes | 13/06/2002 | yes |
| 26.094 | AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels | S4 | Yes | 13/06/2002 | yes |
| 26.102 | Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu | S4 | Yes | 13/06/2002 | yes |
| 26.103 | Speech codec list for GSM and UMTS | S4 | Yes | 14/03/2002 | yes |
| 26.104 | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec | S4 | Yes | 13/06/2002 | yes |
| 26.110 | Codec for circuit switched multimedia telephony service; General description | S4 | Yes | 13/06/2002 | yes |
| 26.111 | Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324 | S4 | Yes | 13/06/2002 | yes |
| 26.140 | Multimedia Messaging Service (MMS); Media formats and codes | S4 | Yes | 14/03/2002 | yes |
| 26.171 | AMR speech codec, wideband; General description | S4 | Yes | 14/03/2002 | yes |
| 26.173 | ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec | S4 | Yes | 14/03/2002 | yes |
| 26.174 | AMR speech codec, wideband; Test sequences | S4 | Yes | 14/03/2002 | yes |
| 26.190 | Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions | S4 | Yes | 14/03/2002 | yes |
| 26.191 | AMR speech codec, wideband; Error concealment of lost frames | S4 | Yes | 14/03/2002 | yes |
| 26.192 | Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects | S4 | Yes | 14/03/2002 | yes |
| 26.193 | AMR speech codec, wideband; Source Controlled Rate operation | S4 | Yes | 14/03/2002 | yes |
| 26.194 | Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD) | S4 | Yes | 14/03/2002 | yes |
| 26.201 | AMR speech codec, wideband; Frame structure | S4 | Yes | 14/03/2002 | yes |
| 26.202 | AMR speech codec, wideband; Interface to lu and Uu | S4 | Yes | 14/03/2002 | yes |
| 26.204 | ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec | S4 | Yes | 14/03/2002 | yes |
| 26.226 | Global text telephony (GTT); Transport of text in the voice channel | S4 | Yes | 14/03/2002 | yes |
| 26.230 | Global text telephony (GTT); Cellular text telephone modem transmitter C-code description | S4 | Yes | 14/03/2002 | yes |
| 26.231 | Global text telephony (GTT); Cellular text telephone modem minimum performance requirements | S4 | Yes | 14/03/2002 | yes |
| 26.235 | Packet switched conversational multimedia applications; Default codecs | S4 | Yes | 14/03/2002 | yes |
| 26.911 | Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide | S4 | Yes | 13/06/2002 | yes |
| 26.975 | Performance characterization of the Adaptive Multi-Rate (AMR) speech codec | S4 | Yes | 13/06/2002 | yes |
| 26.976 | Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec | S4 | Yes | 07/06/2002 | yes |
| 27.001 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | N3 | Yes | 08/03/2002 | yes |
| 27.002 | Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities | N3 | Yes | 08/03/2002 | yes |
| 27.003 | Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities | N3 | Yes | 08/03/2002 | yes |
| 27.005 | Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell | T2 | Yes | 08/03/2002 | yes |

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|--------|--|----------|------------------|-------------|--------|
| | Broadcast Service (CBS) | | | | |
| 27.007 | AT command set for 3G User Equipment (UE) | T2 | Yes | 08/03/2002 | yes |
| 27.010 | Terminal Equipment to User Equipment (TE-UE) multiplexer protocol | T2 | Yes | 08/03/2002 | yes |
| 27.060 | Packet domain; Mobile Station (MS) supporting Packet Switched services | N3 | Yes | 08/03/2002 | yes |
| 27.103 | Wide Area Network Synchronization | T2 | Yes | 08/03/2002 | yes |
| 28.062 | Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3 | S4 | Yes | 14/03/2002 | yes |
| 29.002 | Mobile Application Part (MAP) specification | N4 | Yes | 08/03/2002 | yes |
| 29.007 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | N3 | Yes | 08/03/2002 | yes |
| 29.010 | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | N4 | Yes | 08/03/2002 | yes |
| 29.011 | Signalling Interworking for Supplementary Services | N4 | Yes | 08/03/2002 | yes |
| 29.013 | Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols | N4 | Yes | 08/03/2002 | yes |
| 29.016 | Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification | N1 | Yes | 08/03/2002 | yes |
| 29.018 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | N1 | Yes | 08/03/2002 | yes |
| 29.060 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | N4 | Yes | 08/03/2002 | yes |
| 29.061 | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) | N3 | Yes | 06/09/2002 | yes |
| 29.078 | customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | N2 | Yes | 07/06/2002 | yes |
| 29.207 | Policy control over Gs interface | N3 | Yes | 07/06/2002 | yes |
| 29.208 | End to end Quality of Service (QoS) signalling flows | N3 | Yes | 07/06/2002 | yes |
| 29.228 | IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents | N4 | Yes | 07/06/2002 | yes |
| 29.229 | Cx and Dx interfaces based on the Diameter protocol; Protocol details | N4 | Yes | 07/06/2002 | yes |
| 29.278 | customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS) | N2 | Yes | 06/12/2002 | yes |
| 29.328 | IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents | N4 | Yes | 07/06/2002 | yes |
| 29.329 | Sh interface based on the Diameter protocol | N4 | Yes | 07/06/2002 | yes |
| 29.994 | Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults | N1 | Yes | 14/03/2002 | yes |
| 30.902 | Guidelines for the modification of the Mobile Application Part (MAP) | N4 | No | 14/03/2003 | yes |
| 31.048 | Test specification for security mechanisms for the (U)SIM application toolkit | T3 | Yes | 19/09/2003 | yes |
| 31.103 | Characteristics of the IP Multimedia Services Identity Module (ISIM) application | T3 | Yes | 07/06/2002 | yes |

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| 31.111 | Universal Subscriber Identity Module Application Toolkit (USAT) | T3 | Yes | 08/03/2002 | yes |
| 32.200 | Telecommunication management; Charging management; Charging principles | S5 | Yes | 12/09/2002 | yes |
| 32.225 | Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS) | S5 | Yes | 12/09/2002 | yes |
| 32.311 | Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements | S5 | Yes | 14/03/2002 | yes |
| 32.401 | Telecommunication management; Performance Management (PM); Concept and requirements | S5 | Yes | 14/03/2002 | yes |
| 32.403 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | S5 | Yes | 14/03/2002 | yes |
| 32.600 | Telecommunication management; Configuration Management (CM); Concept and high-level requirements | S5 | Yes | 12/09/2002 | yes |
| 32.601 | Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements | S5 | Yes | 12/09/2002 | yes |
| 32.602 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information service | S5 | Yes | 12/09/2002 | yes |
| 32.603 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 12/09/2002 | yes |
| 32.621 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements | S5 | Yes | 12/09/2002 | yes |
| 32.622 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM) | S5 | Yes | 12/09/2002 | yes |
| 32.623 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 12/09/2002 | yes |
| 32.624 | Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes | 12/09/2002 | yes |
| 32.625 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes | 14/03/2002 | yes |
| 32.632 | Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM) | S5 | Yes | 12/09/2002 | yes |
| 32.633 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 12/09/2002 | yes |
| 32.634 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes | 12/09/2002 | yes |

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| 32.635 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes | 13/06/2002 | yes |
| 32.651 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements | S5 | Yes | 12/09/2002 | yes |
| 32.652 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM) | S5 | Yes | 12/09/2002 | yes |
| 32.653 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 12/09/2002 | yes |
| 32.654 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes | 12/09/2002 | yes |
| 32.655 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes | 13/06/2002 | yes |
| 32.691 | Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements | S5 | Yes | 12/09/2002 | yes |
| 32.692 | Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM) | S5 | Yes | 12/09/2002 | yes |
| 33.203 | 3G security; Access security for IP-based services | S3 | Yes | 14/03/2002 | yes |
| 33.210 | 3G security; Network Domain Security (NDS); IP network layer security | S3 | Yes | 14/03/2002 | yes |
| 34.902 | Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests | T1 | Yes | 12/12/2003 | yes |
| 41.031 | Fraud Information Gathering System (FIGS); Service requirements; Stage 0 | S3 | Yes | 14/03/2002 | yes |
| 41.033 | Lawful Interception requirements for GSM | S3 | Yes | 14/03/2002 | yes |
| 41.101 | Technical Specifications and Technical Reports for a GERAN-based 3GPP system | SP | Yes | 12/06/2003 | yes |
| 42.019 | Subscriber Identity Module Application Programming Interface (SIM API); Stage 1 | T3 | Yes | 08/03/2002 | yes |
| 42.033 | Lawful Interception; Stage 1 | S3 | Yes | 14/03/2002 | yes |
| 42.043 | Support of Localised Service Area (SoLSA); Service description; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 42.056 | GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 42.068 | Voice Group Call Service (VGCS); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 42.069 | Voice Broadcast Service (VBS); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| 43.005 | Technical performance objectives | NP | Yes | 08/03/2002 | yes |
| 43.010 | GSM Public Land Mobile Network (PLMN) connection types | N3 | Yes | 08/03/2002 | yes |
| 43.013 | Discontinuous Reception (DRX) in the GSM system | G1 | Yes | 28/06/2002 | yes |
| 43.019 | Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2 | T3 | Yes | 08/03/2002 | yes |
| 43.020 | Security-related network functions | S3 | Yes | 13/06/2002 | yes |
| 43.022 | Functions related to Mobile Station (MS) in idle mode and group receive mode | G1 | Yes | 28/06/2002 | yes |

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| 43.026 | Multiband operation of GSM / DCS 1800 by a single operator | G1 | Yes | 28/06/2002 | yes |
| 43.030 | Radio network planning aspects | G1 | Yes | 28/06/2002 | yes |
| 43.033 | Lawful Interception; Stage 2 | S3 | Yes | 14/03/2002 | yes |
| 43.045 | Technical Realization of Facsimile Group 3 Service - transparent | N3 | Yes | 08/03/2002 | yes |
| 43.050 | Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System | S4 | Yes | 14/03/2002 | yes |
| 43.051 | GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2 | G1 | Yes | 19/04/2002 | yes |
| 43.052 | Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2 | G1 | Yes | 28/06/2002 | yes |
| 43.055 | Dual Transfer Mode (DTM); Stage 2 | G1 | Yes | 28/06/2002 | yes |
| 43.058 | Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs) | S4 | Yes | 13/06/2002 | yes |
| 43.059 | Functional stage 2 description of Location Services (LCS) in GERAN | G1 | Yes | 19/04/2002 | yes |
| 43.064 | Overall description of the GPRS radio interface; Stage 2 | G1 | Yes | 19/04/2002 | yes |
| 43.068 | Voice Group Call Service (VGCS); Stage 2 | N1 | Yes | 08/03/2002 | yes |
| 43.069 | Voice Broadcast service (VBS); Stage 2 | N1 | Yes | 08/03/2002 | yes |
| 43.073 | Support of Localised Service Area (SoLSA); Stage 2 | N4 | Yes | 13/06/2002 | yes |
| 43.130 | Iur-g interface; Stage 2 | G1 | Yes | 30/08/2002 | yes |
| 44.001 | Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles | N1 | Yes | 08/03/2002 | yes |
| 44.003 | Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities | G2 | Yes | 30/08/2002 | yes |
| 44.004 | Layer 1 - General Requirements | G2 | Yes | 19/04/2002 | yes |
| 44.005 | Data Link (DL) Layer General Aspects | G2 | Yes | 30/08/2002 | yes |
| 44.006 | Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification | G2 | Yes | 30/08/2002 | yes |
| 44.012 | Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface | G2 | Yes | 30/08/2002 | yes |
| 44.013 | Performance Requirements on Mobile Radio Interface | N1 | Yes | 08/03/2002 | yes |
| 44.014 | Individual equipment type requirements and interworking; Special conformance testing functions | G2 | Yes | 30/08/2002 | yes |
| 44.018 | Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol | G2 | Yes | 19/04/2002 | yes |
| 44.021 | Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface | N3 | Yes | 08/03/2002 | yes |
| 44.031 | Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP) | G2 | Yes | 19/04/2002 | yes |
| 44.035 | Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods | G2 | Yes | 30/08/2002 | yes |
| 44.056 | GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification | N1 | Yes | 08/03/2002 | yes |
| 44.057 | GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification | N1 | Yes | 08/03/2002 | yes |
| 44.060 | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol | G2 | Yes | 19/04/2002 | yes |
| 44.064 | Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer | N1 | Yes | 08/03/2002 | yes |

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|--------|--|----------|------------------|-------------|--------|
| | Specification | | | | |
| 44.065 | Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP) | N1 | Yes | 08/03/2002 | yes |
| 44.068 | Group Call Control (GCC) Protocol | N1 | Yes | 08/03/2002 | yes |
| 44.069 | Broadcast Call Control (BCC) protocol | N1 | Yes | 08/03/2002 | yes |
| 44.071 | Location Services (LCS); Mobile radio interface layer 3 LCS specification | G2 | Yes | 30/08/2002 | yes |
| 44.118 | Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; lu mode | G2 | Yes | 19/04/2002 | yes |
| 44.160 | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for lu mode | G2 | Yes | 19/04/2002 | yes |
| 44.901 | External network assisted cell change (NACC) | G2 | Yes | 19/04/2002 | yes |
| 45.001 | Physical layer on the radio path; General description | G1 | Yes | 19/04/2002 | yes |
| 45.002 | Multiplexing and multiple access on the radio path | G1 | Yes | 19/04/2002 | yes |
| 45.003 | Channel coding | G1 | Yes | 19/04/2002 | yes |
| 45.004 | Modulation | G1 | Yes | 19/04/2002 | yes |
| 45.005 | Radio transmission and reception | G1 | Yes | 19/04/2002 | yes |
| 45.008 | Radio subsystem link control | G1 | Yes | 19/04/2002 | yes |
| 45.009 | Link adaptation | G1 | Yes | 19/04/2002 | yes |
| 45.010 | Radio subsystem synchronization | G1 | Yes | 28/06/2002 | yes |
| 45.022 | Radio link management in hierarchical networks | G1 | Yes | 28/06/2002 | yes |
| 45.050 | Background for RF Requirements | G1 | Yes | 28/06/2002 | yes |
| 45.056 | CTS-FP Radio Sub-system | G1 | Yes | 28/06/2002 | yes |
| 46.001 | Full Rate Speech Processing Functions | S4 | Yes | 13/06/2002 | yes |
| 46.002 | Half Rate Speech Processing Functions | S4 | Yes | 13/06/2002 | yes |
| 46.006 | Half-rate speech: ANSI-C code for GSM half-rate speech codec | S4 | Yes | 13/06/2002 | yes |
| 46.007 | Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec | S4 | Yes | 13/06/2002 | yes |
| 46.008 | Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec | S4 | Yes | 13/06/2002 | yes |
| 46.010 | Full-rate speech transcoding | S4 | Yes | 13/06/2002 | yes |
| 46.011 | Substitution and Muting of Lost Frames for Full Rate Speech Channels | S4 | Yes | 13/06/2002 | yes |
| 46.012 | Comfort Noise Aspects for Full Rate Speech Traffic Channels | S4 | Yes | 13/06/2002 | yes |
| 46.020 | Half Rate Speech Transcoding | S4 | Yes | 13/06/2002 | yes |
| 46.021 | Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels | S4 | Yes | 13/06/2002 | yes |
| 46.022 | Comfort Noise Aspects for Half Rate Speech Traffic Channels | S4 | Yes | 13/06/2002 | yes |
| 46.031 | Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels | S4 | Yes | 13/06/2002 | yes |
| 46.032 | Voice Activity Detection (VAD) | S4 | Yes | 13/06/2002 | yes |
| 46.041 | Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels | S4 | Yes | 13/06/2002 | yes |
| 46.042 | Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels | S4 | Yes | 13/06/2002 | yes |
| 46.051 | GSM Enhanced full rate speech processing functions: General description | S4 | Yes | 13/06/2002 | yes |
| 46.053 | ANSI-C code for the GSM Enhanced full rate speech codec | S4 | Yes | 13/06/2002 | yes |
| 46.054 | Test sequences for the GSM Enhanced Full Rate (EFR) | S4 | Yes | 13/06/2002 | yes |
| 46.055 | Performance characterisation of the GSM EFR Speech Codec | S4 | Yes | 13/06/2002 | yes |
| 46.060 | Enhanced full rate speech transcoding | S4 | Yes | 13/06/2002 | yes |
| 46.061 | Substitution and muting of lost frames for enhanced full rate speech traffic channels | S4 | Yes | 13/06/2002 | yes |

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| 46.062 | Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels | S4 | Yes | 13/06/2002 | yes |
| 46.081 | Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels | S4 | Yes | 13/06/2002 | yes |
| 46.082 | Voice Activity Detection (VAD) for enhanced full rate speech traffic channels | S4 | Yes | 13/06/2002 | yes |
| 46.085 | Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation | S4 | Yes | 13/06/2002 | yes |
| 48.001 | General Aspects on the BSS-MSC Interface | G2 | Yes | 30/08/2002 | yes |
| 48.002 | Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles | G2 | Yes | 19/04/2002 | yes |
| 48.004 | Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification | G2 | Yes | 30/08/2002 | yes |
| 48.006 | Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface | G2 | Yes | 30/08/2002 | yes |
| 48.008 | Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification | G2 | Yes | 19/04/2002 | yes |
| 48.014 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1 | G2 | Yes | 30/08/2002 | yes |
| 48.016 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service | G2 | Yes | 19/04/2002 | yes |
| 48.018 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol | G2 | Yes | 19/04/2002 | yes |
| 48.020 | Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface | N3 | Yes | 08/03/2002 | yes |
| 48.031 | Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification | G2 | Yes | 28/06/2002 | yes |
| 48.051 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects | G2 | Yes | 30/08/2002 | yes |
| 48.052 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles | G2 | Yes | 30/08/2002 | yes |
| 48.054 | Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits | G2 | Yes | 30/08/2002 | yes |
| 48.056 | Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification | G2 | Yes | 30/08/2002 | yes |
| 48.058 | Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification | G2 | Yes | 19/04/2002 | yes |
| 48.060 | In-band control of remote transcoders and rate adaptors for full rate traffic channels | G1 | Yes | 19/04/2002 | yes |
| 48.061 | In-band control of remote transcoders and rate adaptors for half rate traffic channels | G1 | Yes | 19/04/2002 | yes |
| 48.071 | Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification | G2 | Yes | 30/08/2002 | yes |
| 49.001 | General network interworking scenarios | N4 | Yes | 08/03/2002 | yes |
| 49.008 | Application of the Base Station System Application Part (BSSAP) on the E-Interface | N1 | Yes | 08/03/2002 | yes |
| 49.031 | Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE) | G2 | Yes | 19/04/2002 | yes |
| 51.010-1 | Mobile Station (MS) conformance specification; Part 1: Conformance specification | G3new | Yes | 14/03/2002 | yes |

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| 51.010-2 | Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification | G3new | Yes | 30/08/2002 | yes |
| 51.010-3 | Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS) | G3new | Yes | 06-02-2004 | yes |
| 51.013 | Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card | T3 | Yes | 06/06/2003 | yes |
| 51.021 | GSM radio aspects base station system equipment specification | G1 | Yes | 28/06/2002 | yes |
| 51.026 | GSM Repeater Equipment Specification | G1 | Yes | 28/06/2002 | yes |
| 52.021 | Network Management (NM) Procedures and messages on the A-bis interface | G1 | Yes | 28/06/2002 | yes |
| 52.402 | Telecommunication management; Performance Management (PM); Performance measurements - GSM | S5 | Yes | 12/12/2002 | yes |

CR-Form-v7

CHANGE REQUEST

21.101 CR 018 # rev **1** # Current version: **3.12.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

| | | | |
|------------------------|--|-----------------|---|
| Title: | # Corrections to list of specifications | | |
| Source: | # MCC | | |
| Work item code: | # TEI | Date: | # 13/03/2004 |
| Category: | # F | Release: | # R99 |
| | Use <u>one</u> of the following categories: | | Use <u>one</u> of the following releases: |
| | F (correction) | | 2 (GSM Phase 2) |
| | A (corresponds to a correction in an earlier release) | | R96 (Release 1996) |
| | B (addition of feature), | | R97 (Release 1997) |
| | C (functional modification of feature) | | R98 (Release 1998) |
| | D (editorial modification) | | R99 (Release 1999) |
| | Detailed explanations of the above categories can be found in 3GPP TR 21.900 . | | Rel-4 (Release 4) |
| | | | Rel-5 (Release 5) |
| | | | Rel-6 (Release 6) |

| | |
|--------------------------------------|--|
| Reason for change: | # To ensure list of specifications required to implement system is correct. |
| Summary of change: | # Addition of: 21.801 (to provide drafting rules applicable to R99 as well as later Releases) |
| Consequences if not approved: | # List is wrong, risk of erroneous system implementation. |

| | | | | | |
|------------------------------|--|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| Clauses affected: | # 5 | | | | |
| Other specs affected: | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # | Y | N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Y | N | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications # | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications # | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| Other comments: | # | | | | |

5 Specifications and Reports of 3G Release 1999

NOTE 1: (void)

NOTE 2: The final column of the table below indicates whether or not the documents are intended for adoption by the partner Standards Development Organizations as their own publications. Those marked "no" are internal working documents of the 3GPP TSGs.

NOTE 3: Some of the algorithm specifications in the 35-series are available only under licence.

NOTE 4: "Type" indicates Technical Specification (TS) or Technical Report (TR).

| Type | Number | Title | WG prime | For publication ? |
|------|------------------------|---|--------------------|--------------------|
| TS | 21.101 | Technical Specifications and Technical Reports for a UTRAN-based 3GPP system | SP | Yes |
| TS | 21.111 | USIM and IC card requirements | T3 | Yes |
| TS | 21.133 | 3G security; Security threats and requirements | S3 | Yes |
| TR | 21.801 | Specification drafting rules | SP | No |
| TR | 21.810 | Report on multi-mode UE issues; ongoing work and identified additional work | T2 | No |
| TR | 21.900 | Technical Specification Group working methods | SP | Yes |
| TR | 21.904 | User Equipment (UE) capability requirements | T2 | Yes |
| TR | 21.905 | Vocabulary for 3GPP Specifications | S1 | Yes |
| TR | 21.910 | Multi-mode UE issues; categories, principles and procedures | T2 | Yes |
| TR | 21.978 | Feasibility Technical Report; CAMEL Control of VoIP Services | N2 | Yes |
| TS | 22.001 | Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) | S1 | Yes |
| TS | 22.002 | Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN) | S1 | Yes |
| TS | 22.003 | Circuit Teleservices supported by a Public Land Mobile Network (PLMN) | S1 | Yes |
| TS | 22.004 | General on supplementary services | S1 | Yes |
| TS | 22.011 | Service accessibility | S1 | Yes |
| TS | 22.016 | International Mobile Equipment Identities (IMEI) | S1 | Yes |
| TS | 22.022 | Personalisation of Mobile Equipment (ME); Mobile functionality specification | S3 | Yes |
| TS | 22.024 | Description of Charge Advice Information (CAI) | S1 | Yes |
| TS | 22.030 | Man-Machine Interface (MMI) of the User Equipment (UE) | S1 | Yes |
| TS | 22.031 | Fraud Information Gathering System (FIGS); Service description; Stage 1 | S3 | Yes |
| TS | 22.032 | Immediate Service Termination (IST); Service description; Stage 1 | S3 | Yes |
| TS | 22.034 | High Speed Circuit Switched Data (HSCSD); Stage 1 | S1 | Yes |
| TS | 22.038 | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | S1 | Yes |
| TS | 22.041 | Operator Determined Call Barring | S1 | Yes |
| TS | 22.042 | Network Identity and Time Zone (NITZ) service description; Stage 1 | S1 | Yes |
| TS | 22.057 | Mobile Execution Environment (MExE) service description; Stage 1 | S1 | Yes |
| TS | 22.060 | General Packet Radio Service (GPRS); Service description; Stage 1 | S1 | Yes |
| TS | 22.066 | Support of Mobile Number Portability (MNP); Stage 1 | S1 | Yes |
| TS | 22.067 | enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1 | S1 | Yes |
| TS | 22.071 | Location Services (LCS); Stage 1 | S1 | Yes |
| TS | 22.072 | Call Deflection (CD); Stage 1 | S1 | Yes |
| TS | 22.078 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | S1 | Yes |

| Type | Number | Title | WG prime | For publication ? |
|------|--------|--|----------|-------------------|
| TS | 22.079 | Support of optimal routing; Stage 1 | S1 | Yes |
| TS | 22.081 | Line Identification supplementary services; Stage 1 | S1 | Yes |
| TS | 22.082 | Call Forwarding (CF) Supplementary Services; Stage 1 | S1 | Yes |
| TS | 22.083 | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1 | S1 | Yes |
| TS | 22.084 | MultiParty (MPTY) supplementary service; Stage 1 | S1 | Yes |
| TS | 22.085 | Closed User Group (CUG) supplementary services; Stage 1 | S1 | Yes |
| TS | 22.086 | Advice of Charge (AoC) supplementary services; Stage 1 | S1 | Yes |
| TS | 22.087 | User-to-user signalling (UUS); Stage 1 | S1 | Yes |
| TS | 22.088 | Call Barring (CB) supplementary services; Stage 1 | S1 | Yes |
| TS | 22.090 | Unstructured Supplementary Service Data (USSD); Stage 1 | S1 | Yes |
| TS | 22.091 | Explicit Call Transfer (ECT) supplementary service; Stage 1 | S1 | Yes |
| TS | 22.093 | Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1 | S1 | Yes |
| TS | 22.094 | Follow Me service description - Stage 1 | S1 | Yes |
| TS | 22.096 | Name identification supplementary services; Stage 1 | S1 | Yes |
| TS | 22.097 | Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1 | S1 | Yes |
| TS | 22.100 | UMTS Phase 1 | S1 | Yes |
| TS | 22.101 | Service aspects; Service principles | S1 | Yes |
| TS | 22.105 | Services and service capabilities | S1 | Yes |
| TS | 22.115 | Service Aspects Charging and billing | S1 | Yes |
| TR | 22.121 | Service aspects; The Virtual Home Environment; Stage 1 | S1 | Yes |
| TS | 22.129 | Handover requirements between UTRAN and GERAN or other radio systems | S1 | Yes |
| TS | 22.135 | Multicall; Service description; Stage 1 | S1 | Yes |
| TS | 22.140 | Multimedia Messaging Service (MMS); Stage 1 | S1 | Yes |
| TR | 22.945 | Study of provision of fax service in GSM and UMTS | T2 | Yes |
| TR | 22.971 | Automatic establishment of roaming relationships | S1 | Yes |
| TR | 22.975 | Advanced addressing | S1 | Yes |
| TS | 23.002 | Network architecture | S2 | Yes |
| TS | 23.003 | Numbering, Addressing and Identification | N4 | Yes |
| TS | 23.007 | Restoration procedures | N4 | Yes |
| TS | 23.008 | Organisation of subscriber data | N4 | Yes |
| TS | 23.009 | Handover procedures | N1 | Yes |
| TS | 23.011 | Technical realization of Supplementary Services | N4 | Yes |
| TS | 23.012 | Location management procedures | N4 | Yes |
| TS | 23.014 | Support of Dual Tone Multi Frequency (DTMF) signalling | N1 | Yes |
| TS | 23.015 | Technical realisation of Operator Determined Barring (ODB) | N4 | Yes |
| TS | 23.016 | Subscriber data management; Stage 2 | N4 | Yes |
| TS | 23.018 | Basic Call Handling; Technical realization | N4 | Yes |
| TS | 23.031 | Fraud Information Gathering System (FIGS); Service description; Stage 2 | S3 | Yes |
| TS | 23.032 | Universal Geographical Area Description (GAD) | S2 | Yes |
| TS | 23.034 | High Speed Circuit Switched Data (HSCSD); Stage 2 | N1 | Yes |
| TS | 23.035 | Immediate Service Termination (IST); Stage 2 | S3 | Yes |
| TS | 23.038 | Alphabets and language-specific information | T2 | Yes |
| TR | 23.039 | Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) | T2 | Yes |
| TS | 23.040 | Technical realization of Short Message Service (SMS) | T2 | Yes |
| TS | 23.041 | Technical realization of Cell Broadcast Service (CBS) | T2 | Yes |
| TS | 23.042 | Compression algorithm for SMS | T2 | Yes |
| TS | 23.057 | Mobile Execution Environment (MExE); Functional description; Stage 2 | T2 | Yes |
| TS | 23.060 | General Packet Radio Service (GPRS) Service description; Stage 2 | S2 | Yes |
| TS | 23.066 | Support of GSM Mobile Number Portability (MNP) stage 2 | N4 | Yes |
| TS | 23.067 | Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 | N4 | Yes |
| TS | 23.072 | Call Deflection Supplementary Service; Stage 2 | N4 | Yes |
| TS | 23.078 | Customised Applications for Mobile network Enhanced Logic | N2 | Yes |

| Type | Number | Title | WG prime | For publication ? |
|------|--------|--|----------|-------------------|
| | | (CAMEL); Stage 2 | | |
| TS | 23.079 | Support of Optimal Routeing (SOR); Technical realization; Stage 2 | N4 | Yes |
| TS | 23.081 | Line Identification supplementary services; Stage 2 | N4 | Yes |
| TS | 23.082 | Call Forwarding (CF) Supplementary Services; Stage 2 | N4 | Yes |
| TS | 23.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2 | N4 | Yes |
| TS | 23.084 | MultiParty (MPTY) Supplementary Service; Stage 2 | N4 | Yes |
| TS | 23.085 | Closed User Group (CUG) Supplementary Service; Stage 2 | N4 | Yes |
| TS | 23.086 | Advice of Charge (AoC) Supplementary Service; Stage 2 | N4 | Yes |
| TS | 23.087 | User-to-User Signalling (UUS) supplementary service; Stage 2 | N4 | Yes |
| TS | 23.088 | Call Barring (CB) Supplementary Service; Stage 2 | N4 | Yes |
| TS | 23.090 | Unstructured Supplementary Service Data (USSD); Stage 2 | N4 | Yes |
| TS | 23.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 2 | N4 | Yes |
| TS | 23.093 | Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2 | N4 | Yes |
| TS | 23.094 | Follow Me Stage 2 | N4 | Yes |
| TS | 23.096 | Name Identification Supplementary Service; Stage 2 | N4 | Yes |
| TS | 23.097 | Multiple Subscriber Profile (MSP) Phase 1; Stage 2 | N4 | Yes |
| TS | 23.101 | General UMTS Architecture | S2 | Yes |
| TS | 23.107 | Quality of Service (QoS) concept and architecture | S2 | Yes |
| TS | 23.108 | Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures) | N1 | Yes |
| TS | 23.110 | UMTS Access Stratum Services and Functions | S2 | Yes |
| TS | 23.116 | Super-Charger technical realization; Stage 2 | N4 | Yes |
| TS | 23.119 | Gateway Location Register (GLR); Stage2 | N4 | Yes |
| TS | 23.121 | Architectural requirements for Release 1999 | S2 | Yes |
| TS | 23.122 | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode | N1 | Yes |
| TS | 23.127 | Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2 | S2 | Yes |
| TS | 23.135 | Multicall supplementary service; Stage 2 | N4 | Yes |
| TS | 23.140 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | T2 | Yes |
| TS | 23.171 | Location Services (LCS); Functional description; Stage 2 (UMTS) | S2 | Yes |
| TR | 23.814 | Separating RR and MM specific parts of the MS Classmark | N1 | No |
| TR | 23.908 | Technical report on Pre-Paging | N4 | Yes |
| TR | 23.909 | Technical report on the Gateway Location Register | N4 | Yes |
| TR | 23.910 | Circuit switched data bearer services | N3 | Yes |
| TR | 23.911 | Technical report on Out-of-band transcoder control | N4 | Yes |
| TR | 23.912 | Technical report on Super-Charger | N4 | Yes |
| TR | 23.923 | Combined GSM and Mobile IP mobility handling in UMTS IP CN | S2 | Yes |
| TR | 23.930 | Iu Principles | S2 | Yes |
| TR | 23.972 | Circuit switched multimedia telephony | N1 | Yes |
| TS | 24.002 | GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration | N1 | Yes |
| TS | 24.007 | Mobile radio interface signalling layer 3; General Aspects | N1 | Yes |
| TS | 24.008 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | N1 | Yes |
| TS | 24.010 | Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects | N4 | Yes |
| TS | 24.011 | Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface | N1 | Yes |
| TS | 24.022 | Radio Link Protocol (RLP) for circuit switched bearer and teleservices | N3 | Yes |
| TS | 24.030 | Location Services (LCS); Supplementary service operations; Stage 3 | N4 | Yes |
| TS | 24.067 | Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 | N4 | Yes |
| TS | 24.072 | Call Deflection Supplementary Service; Stage 3 | N4 | Yes |
| TS | 24.080 | Mobile radio Layer 3 supplementary service specification; Formats and coding | N4 | Yes |

| Type | Number | Title | WG prime | For publication ? |
|------|--------|--|----------|-------------------|
| TS | 24.081 | Line Identification Supplementary Service; Stage 3 | N4 | Yes |
| TS | 24.082 | Call Forwarding supplementary service; Stage 3 | N4 | Yes |
| TS | 24.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3 | N4 | Yes |
| TS | 24.084 | MultiParty (MPTY) Supplementary Service; Stage 3 | N4 | Yes |
| TS | 24.085 | Closed User Group (CUG) Supplementary Service; Stage 3 | N4 | Yes |
| TS | 24.086 | Advice of Charge (AoC) Supplementary Service; Stage 3 | N4 | Yes |
| TS | 24.087 | User-to-User Signalling (UUS); Stage 3 | N4 | Yes |
| TS | 24.088 | Call Barring (CB) Supplementary Service; Stage 3 | N4 | Yes |
| TS | 24.090 | Unstructured Supplementary Service Data (USSD); Stage 3 | N4 | Yes |
| TS | 24.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 3 | N4 | Yes |
| TS | 24.093 | Call Completion to Busy Subscriber (CCBS); Stage 3 | N4 | Yes |
| TS | 24.096 | Name Identification Supplementary Service; Stage 3 | N4 | Yes |
| TS | 24.135 | Multicall supplementary service; Stage 3 | N4 | Yes |
| TS | 25.101 | UE Radio transmission and reception (FDD) | R4 | Yes |
| TS | 25.102 | UTRA (UE) TDD; Radio transmission and reception | R4 | Yes |
| TS | 25.104 | UTRA (BS) FDD; Radio transmission and reception | R4 | Yes |
| TS | 25.105 | UTRA (BS) TDD: Radio transmission and reception | R4 | Yes |
| TS | 25.113 | Base station and repeater electromagnetic compatibility (EMC) | R4 | Yes |
| TS | 25.123 | Requirements for support of radio resource management (TDD) | R4 | Yes |
| TS | 25.133 | Requirements for support of radio resource management (FDD) | R4 | Yes |
| TS | 25.141 | Base station conformance testing (FDD) | R4 | Yes |
| TS | 25.142 | Base station conformance testing (TDD) | R4 | Yes |
| TS | 25.201 | Physical layer - general description | R1 | Yes |
| TS | 25.211 | Physical channels and mapping of transport channels onto physical channels (FDD) | R1 | Yes |
| TS | 25.212 | Multiplexing and channel coding (FDD) | R1 | Yes |
| TS | 25.213 | Spreading and modulation (FDD) | R1 | Yes |
| TS | 25.214 | Physical layer procedures (FDD) | R1 | Yes |
| TS | 25.215 | Physical layer; Measurements (FDD) | R1 | Yes |
| TS | 25.221 | Physical channels and mapping of transport channels onto physical channels (TDD) | R1 | Yes |
| TS | 25.222 | Multiplexing and channel coding (TDD) | R1 | Yes |
| TS | 25.223 | Spreading and modulation (TDD) | R1 | Yes |
| TS | 25.224 | Physical layer procedures (TDD) | R1 | Yes |
| TS | 25.225 | Physical layer; Measurements (TDD) | R1 | Yes |
| TS | 25.301 | Radio Interface Protocol Architecture | R2 | Yes |
| TS | 25.302 | Services provided by the physical layer | R2 | Yes |
| TS | 25.303 | Interlayer procedures in Connected Mode | R2 | Yes |
| TS | 25.304 | UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode | R2 | Yes |
| TS | 25.305 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | R2 | Yes |
| TS | 25.306 | UE Radio Access capabilities definition | R2 | Yes |
| TS | 25.307 | Requirements on UEs supporting a release-independent frequency band | R2 | Yes |
| TS | 25.321 | Medium Access Control (MAC) protocol specification | R2 | Yes |
| TS | 25.322 | Radio Link Control (RLC) protocol specification | R2 | Yes |
| TS | 25.323 | Packet Data Convergence Protocol (PDCP) specification | R2 | Yes |
| TS | 25.324 | Broadcast/Multicast Control (BMC) | R2 | Yes |
| TS | 25.331 | Radio Resource Control (RRC) protocol specification | R2 | Yes |
| TS | 25.401 | UTRAN overall description | R3 | Yes |
| TS | 25.402 | Synchronisation in UTRAN Stage 2 | R3 | Yes |
| TS | 25.410 | UTRAN Iu Interface: General Aspects and Principles | R3 | Yes |
| TS | 25.411 | UTRAN Iu interface layer 1 | R3 | Yes |
| TS | 25.412 | UTRAN Iu interface signalling transport | R3 | Yes |
| TS | 25.413 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | R3 | Yes |
| TS | 25.414 | UTRAN Iu interface data transport & transport signalling | R3 | Yes |
| TS | 25.415 | UTRAN Iu interface user plane protocols | R3 | Yes |

| Type | Number | Title | WG prime | For publication ? |
|------|--------|--|----------|-------------------|
| TS | 25.419 | UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) | R3 | Yes |
| TS | 25.420 | UTRAN Iur Interface: General Aspects and Principles | R3 | Yes |
| TS | 25.421 | UTRAN Iur interface Layer 1 | R3 | Yes |
| TS | 25.422 | UTRAN Iur interface signalling transport | R3 | Yes |
| TS | 25.423 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | R3 | Yes |
| TS | 25.424 | UTRAN Iur interface data transport & transport signalling for CCH data streams | R3 | Yes |
| TS | 25.425 | UTRAN Iur interface user plane protocols for CCH data streams | R3 | Yes |
| TS | 25.426 | UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams | R3 | Yes |
| TS | 25.427 | UTRAN Iur and Iub interface user plane protocols for DCH data streams | R3 | Yes |
| TS | 25.430 | UTRAN Iub Interface: General Aspects and Principles | R3 | Yes |
| TS | 25.431 | UTRAN Iub interface Layer 1 | R3 | Yes |
| TS | 25.432 | UTRAN Iub interface: signalling transport | R3 | Yes |
| TS | 25.433 | UTRAN Iub interface NBAP signalling | R3 | Yes |
| TS | 25.434 | UTRAN Iub interface data transport & transport signalling for CCH data streams | R3 | Yes |
| TS | 25.435 | UTRAN Iub interface user plane protocols for CCH data streams | R3 | Yes |
| TS | 25.442 | UTRAN implementation-specific O&M transport | R3 | Yes |
| TR | 25.832 | Manifestations of Handover and SRNS relocation | R3 | No |
| TR | 25.833 | Physical layer items not for inclusion in Release 99 | R1 | No |
| TR | 25.853 | Delay budget within the access stratum | R3 | No |
| TR | 25.921 | Guidelines and principles for protocol description and error handling | R2 | Yes |
| TR | 25.922 | Radio Resource Management Strategies | R2 | Yes |
| TR | 25.925 | Radio Interface for Broadcast/Multicast Services | R2 | Yes |
| TR | 25.931 | UTRAN Functions, examples on signalling procedures | R3 | Yes |
| TR | 25.941 | Document structure | R4 | Yes |
| TR | 25.942 | RF system scenarios | R4 | Yes |
| TR | 25.944 | Channel coding and multiplexing examples | R1 | Yes |
| TR | 25.993 | Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) | R2 | Yes |
| TS | 26.071 | AMR speech Codec; General description | S4 | Yes |
| TS | 26.073 | AMR speech Codec; C-source code | S4 | Yes |
| TS | 26.074 | AMR speech Codec; Test sequences | S4 | Yes |
| TS | 26.090 | AMR speech Codec; Transcoding Functions | S4 | Yes |
| TS | 26.091 | AMR speech Codec; Error concealment of lost frames | S4 | Yes |
| TS | 26.092 | AMR speech Codec; comfort noise for AMR Speech Traffic Channels | S4 | Yes |
| TS | 26.093 | AMR speech Codec; Source Controlled Rate operation | S4 | Yes |
| TS | 26.094 | AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels | S4 | Yes |
| TS | 26.101 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure | S4 | Yes |
| TS | 26.102 | Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu | S4 | Yes |
| TS | 26.103 | Speech codec list for GSM and UMTS | S4 | Yes |
| TS | 26.104 | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec | S4 | Yes |
| TS | 26.110 | Codec for circuit switched multimedia telephony service; General description | S4 | Yes |
| TS | 26.111 | Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324 | S4 | Yes |
| TS | 26.131 | Terminal acoustic characteristics for telephony; Requirements | S4 | Yes |
| TS | 26.132 | Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification | S4 | Yes |
| TR | 26.911 | Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide | S4 | Yes |
| TR | 26.912 | Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G | S4 | Yes |

| Type | Number | Title | WG prime | For publication ? |
|------|--------|--|----------|-------------------|
| TR | 26.915 | Echo Control For Speech and Multi-Media Services | S4 | Yes |
| TR | 26.975 | Performance characterization of the Adaptive Multi-Rate (AMR) speech codec | S4 | Yes |
| TS | 27.001 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | N3 | Yes |
| TS | 27.002 | Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities | N3 | Yes |
| TS | 27.003 | Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities | N3 | Yes |
| TS | 27.005 | Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) | T2 | Yes |
| TS | 27.007 | AT command set for 3G User Equipment (UE) | T2 | Yes |
| TS | 27.010 | Terminal Equipment to User Equipment (TE-UE) multiplexer protocol | T2 | Yes |
| TS | 27.060 | Packet domain; Mobile Station (MS) supporting Packet Switched services | N3 | Yes |
| TS | 27.103 | Wide Area Network Synchronization | T2 | Yes |
| TR | 27.901 | Report on Terminal Interfaces - An Overview | T2 | Yes |
| TR | 27.903 | Discussion of synchronization standards | T2 | Yes |
| TS | 29.002 | Mobile Application Part (MAP) specification | N4 | Yes |
| TS | 29.007 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | N3 | Yes |
| TS | 29.010 | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | N4 | Yes |
| TS | 29.011 | Signalling Interworking for Supplementary Services | N4 | Yes |
| TS | 29.013 | Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols | N4 | Yes |
| TS | 29.016 | Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification | N1 | Yes |
| TS | 29.018 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | N1 | Yes |
| TS | 29.060 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | N4 | Yes |
| TS | 29.061 | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) | N3 | Yes |
| TS | 29.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | N2 | Yes |
| TS | 29.108 | Application of the Radio Access Network Application Part (RANAP) on the E-interface | R3 | Yes |
| TS | 29.119 | GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR) | N4 | Yes |
| TS | 29.120 | Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3 | N4 | Yes |
| TS | 29.198 | Open Service Architecture (OSI) Application Programming Interface (API) - Part 1 | N5 | Yes |
| TR | 29.994 | Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults | N1 | Yes |
| TR | 29.998 | Open Services Architecture API part 2 | N5 | Yes |
| TS | 31.101 | UICC-terminal interface; Physical and logical characteristics | T3 | Yes |
| TS | 31.102 | Characteristics of the USIM application | T3 | Yes |
| TS | 31.110 | Numbering system for telecommunication IC card applications | T3 | Yes |
| TS | 31.111 | Universal Subscriber Identity Module Application Toolkit (USAT) | T3 | Yes |
| TS | 31.120 | UICC-terminal interface; Physical, electrical and logical test specification | T3 | Yes |
| TS | 31.121 | UICC-terminal interface; Universal Subscriber Identity Module | T3 | Yes |

| Type | Number | Title | WG prime | For publication ? |
|------|----------|---|----------|-------------------|
| | | (USIM) application test specification | | |
| TS | 31.122 | Universal Subscriber Identity Module (USIM) conformance test specification | T3 | Yes |
| TS | 32.005 | Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain | S5 | Yes |
| TS | 32.015 | Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain | S5 | Yes |
| TS | 32.101 | Telecommunication management; Principles and high level requirements | S5 | Yes |
| TS | 32.102 | Telecommunication management; Architecture | S5 | Yes |
| TS | 32.104 | 3G Performance Management | S5 | Yes |
| TS | 32.106-1 | Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements | S5 | Yes |
| TS | 32.106-2 | Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service | S5 | Yes |
| TS | 32.106-3 | Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes |
| TS | 32.106-4 | Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set | S5 | Yes |
| TS | 32.106-5 | Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP): Information model (including Network Resource Model NRM)) | S5 | Yes |
| TS | 32.106-6 | Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes |
| TS | 32.106-7 | Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes |
| TS | 32.106-8 | Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects | S5 | Yes |
| TS | 32.111-1 | Telecommunication management; Fault Management; Part 1: 3G fault management requirements | S5 | Yes |
| TS | 32.111-2 | Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service | S5 | Yes |
| TS | 32.111-3 | Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes |
| TS | 32.111-4 | Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes |
| TS | 33.102 | 3G security; Security architecture | S3 | Yes |
| TS | 33.103 | 3G security; Integration guidelines | S3 | Yes |
| TS | 33.105 | Cryptographic Algorithm requirements | S3 | Yes |
| TS | 33.106 | Lawful interception requirements | S3 | Yes |
| TS | 33.107 | 3G security; Lawful interception architecture and functions | S3 | Yes |
| TS | 33.120 | Security Objectives and Principles | S3 | Yes |
| TR | 33.901 | Criteria for cryptographic Algorithm design process | S3 | Yes |
| TR | 33.902 | Formal Analysis of the 3G Authentication Protocol | S3 | Yes |
| TR | 33.908 | 3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms | S3 | Yes |
| TS | 34.108 | Common test environments for User Equipment (UE) conformance testing | T1 | Yes |
| TS | 34.109 | Terminal logical test interface; Special conformance testing functions | R2 | Yes |
| TS | 34.121 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | T1 | Yes |

| Type | Number | Title | WG prime | For publication ? |
|------|----------|---|----------|-------------------|
| TS | 34.122 | Terminal Conformance Specification, Radio Transmission and Reception (TDD) | T1 | Yes |
| TS | 34.123-1 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | T1 | Yes |
| TS | 34.123-2 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | T1 | Yes |
| TS | 34.123-3 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | T1 | Yes |
| TS | 34.124 | Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment | R4 | Yes |
| TR | 34.901 | Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance | T1 | Yes |
| TR | 34.907 | Report on electrical safety requirements and regulations | T2 | Yes |
| TR | 34.925 | Specific Absorption Rate (SAR) requirements and regulations in different regions | T2 | Yes |
| TS | 35.201 | Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications | S3 | Yes |
| TS | 35.202 | Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification | S3 | Yes |
| TS | 35.203 | Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data | S3 | Yes |
| TS | 35.204 | Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data | S3 | Yes |

CR-Form-v7

CHANGE REQUEST

21.101 CR 020 # rev **1** # Current version: **5.5.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

| | | | |
|------------------------|--|-----------------|---|
| Title: | # Corrections to list of specifications | | |
| Source: | # MCC | | |
| Work item code: | # TEI | Date: | # 13/03/2004 |
| Category: | # F | Release: | # Rel-5 |
| | Use <u>one</u> of the following categories: | | Use <u>one</u> of the following releases: |
| | F (correction) | | 2 (GSM Phase 2) |
| | A (corresponds to a correction in an earlier release) | | R96 (Release 1996) |
| | B (addition of feature), | | R97 (Release 1997) |
| | C (functional modification of feature) | | R98 (Release 1998) |
| | D (editorial modification) | | R99 (Release 1999) |
| | Detailed explanations of the above categories can be found in 3GPP TR 21.900 . | | Rel-4 (Release 4) |
| | | | Rel-5 (Release 5) |
| | | | Rel-6 (Release 6) |

| | |
|--------------------------------------|---|
| Reason for change: | # To ensure list of specifications required to implement system is correct. |
| Summary of change: | # Addition of: 23.101 (had not previously been upgraded from Rel-4) |
| Consequences if not approved: | # List is wrong, risk of erroneous system implementation. |

| | | | | | |
|------------------------------|--|---|---|--------------------------|-------------------------------------|
| Clauses affected: | # 5 | | | | |
| Other specs affected: | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # | Y | N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Y | N | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications # | Y | N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Y | N | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications # | Y | N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Y | N | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| Other comments: | # | | | | |

5 Specifications and Reports of 3G Release 5

NOTE 1: The "for publication?" column of the table below indicates whether or not the documents are intended for adoption by the partner Standards Development Organizations as their own publications. Those marked "no" are internal working documents of the 3GPP TSGs.

NOTE 2: Some of the algorithm specifications in the 35.-series are available only under licence.

NOTE 3: "Type" indicates Technical Specification (TS) or Technical Report (TR).

NOTE 4: For definition of "freezing" of specifications (last two columns), see 3GPP TS 21.900 [2].

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|--------|---|----------|------------------|-------------|--------|
| TS | 21.101 | Technical Specifications and Technical Reports for a UTRAN-based 3GPP system | SP | Yes | 12/06/2003 | yes |
| TS | 21.111 | USIM and IC card requirements | T3 | Yes | 07/06/2002 | yes |
| TR | 21.801 | Specification drafting rules | SP | No | 14/03/2002 | yes |
| TR | 21.900 | Technical Specification Group working methods | SP | Yes | 14/03/2002 | yes |
| TR | 21.905 | Vocabulary for 3GPP Specifications | S1 | Yes | 14/03/2002 | yes |
| TS | 22.001 | Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) | S1 | Yes | 13/06/2002 | yes |
| TS | 22.002 | Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN) | S1 | Yes | 13/06/2002 | yes |
| TS | 22.003 | Circuit Teleservices supported by a Public Land Mobile Network (PLMN) | S1 | Yes | 14/03/2002 | yes |
| TS | 22.004 | General on supplementary services | S1 | Yes | 13/06/2002 | yes |
| TS | 22.011 | Service accessibility | S1 | Yes | 13/06/2002 | yes |
| TS | 22.016 | International Mobile Equipment Identities (IMEI) | S1 | Yes | 13/06/2002 | yes |
| TS | 22.022 | Personalisation of Mobile Equipment (ME); Mobile functionality specification | S3 | Yes | 12/09/2002 | yes |
| TS | 22.024 | Description of Charge Advice Information (CAI) | S1 | Yes | 13/06/2002 | yes |
| TS | 22.030 | Man-Machine Interface (MMI) of the User Equipment (UE) | S1 | Yes | 13/06/2002 | yes |
| TS | 22.031 | Fraud Information Gathering System (FIGS); Service description; Stage 1 | S3 | Yes | 12/12/2002 | yes |
| TS | 22.032 | Immediate Service Termination (IST); Service description; Stage 1 | S3 | Yes | 13/06/2002 | yes |
| TS | 22.034 | High Speed Circuit Switched Data (HSCSD); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.038 | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | S1 | Yes | 14/03/2002 | yes |
| TS | 22.041 | Operator Determined Call Barring | S1 | Yes | 13/06/2002 | yes |
| TS | 22.042 | Network Identity and Time Zone (NITZ) service description; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.048 | Security mechanisms for the (U)SIM application toolkit; Stage 1 | T3 | Yes | 06/06/2003 | yes |
| TS | 22.053 | Tandem Free Operation (TFO); Service description; Stage 1 | S4 | Yes | 13/06/2002 | yes |
| TS | 22.057 | Mobile Execution Environment (MExE) service description; Stage 1 | S1 | Yes | 14/03/2002 | yes |
| TS | 22.060 | General Packet Radio Service (GPRS); Service description; Stage 1 | S1 | Yes | 14/03/2002 | yes |
| TS | 22.066 | Support of Mobile Number Portability (MNP); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.067 | enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.071 | Location Services (LCS); Stage 1 | S1 | Yes | 14/03/2002 | yes |
| TS | 22.072 | Call Deflection (CD); Stage 1 | S1 | Yes | 13/06/2002 | yes |

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|--------|---|----------|------------------|-------------|--------|
| TS | 22.076 | Noise suppression for the AMR codec; Service description; Stage 1 | S4 | Yes | 13/06/2002 | yes |
| TS | 22.078 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | S1 | Yes | 14/03/2002 | yes |
| TS | 22.079 | Support of optimal routing; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.081 | Line Identification supplementary services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.082 | Call Forwarding (CF) Supplementary Services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.083 | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.084 | MultiParty (MPY) supplementary service; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.085 | Closed User Group (CUG) supplementary services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.086 | Advice of Charge (AoC) supplementary services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.087 | User-to-user signalling (UUS); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.088 | Call Barring (CB) supplementary services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.090 | Unstructured Supplementary Service Data (USSD); Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.091 | Explicit Call Transfer (ECT) supplementary service; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.093 | Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.094 | Follow Me service description - Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.096 | Name identification supplementary services; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.097 | Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.101 | Service aspects; Service principles | S1 | Yes | 14/03/2002 | yes |
| TS | 22.105 | Services and service capabilities | S1 | Yes | 14/03/2002 | yes |
| TS | 22.112 | USIM toolkit interpreter; Stage 1 | T3 | Yes | 08/03/2002 | yes |
| TS | 22.115 | Service Aspects Charging and billing | S1 | Yes | 14/03/2002 | yes |
| TR | 22.121 | Service aspects; The Virtual Home Environment; Stage 1 | S1 | Yes | 14/03/2002 | yes |
| TS | 22.127 | Service Requirement for the Open Services Access (OSA); Stage 1 | S1 | Yes | 14/03/2002 | yes |
| TS | 22.129 | Handover requirements between UTRAN and GERAN or other radio systems | S1 | Yes | 14/03/2002 | yes |
| TS | 22.135 | Multicall; Service description; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TS | 22.140 | Multimedia Messaging Service (MMS); Stage 1 | S1 | Yes | 14/03/2002 | yes |
| TS | 22.226 | Global text telephony (GTT); Stage 1: Service description | S1 | Yes | 14/03/2002 | yes |
| TS | 22.228 | Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1 | S1 | Yes | 14/03/2002 | yes |
| TS | 22.233 | Transparent end-to-end packet-switched streaming service; Stage 1 | S1 | Yes | 13/06/2002 | yes |
| TR | 22.944 | Service requirements for UE functionality split | S1 | Yes | 14/03/2002 | yes |
| TS | 23.002 | Network architecture | S2 | Yes | 14/03/2002 | yes |
| TS | 23.003 | Numbering, addressing and identification | N4 | Yes | 08/03/2002 | yes |
| TS | 23.007 | Restoration procedures | N4 | Yes | 08/03/2002 | yes |
| TS | 23.008 | Organisation of subscriber data | N4 | Yes | 08/03/2002 | yes |
| TS | 23.009 | Handover procedures | N1 | Yes | 08/03/2002 | yes |
| TS | 23.011 | Technical realization of Supplementary Services | N4 | Yes | 08/03/2002 | yes |
| TS | 23.012 | Location management procedures | N4 | Yes | 08/03/2002 | yes |
| TS | 23.014 | Support of Dual Tone Multi Frequency (DTMF) signalling | N1 | Yes | 08/03/2002 | yes |
| TS | 23.015 | Technical realization of Operator Determined Barring (ODB) | N4 | Yes | 08/03/2002 | yes |
| TS | 23.016 | Subscriber data management; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.018 | Basic Call Handling; Technical realization | N4 | Yes | 08/03/2002 | yes |
| TS | 23.031 | Fraud Information Gathering System (FIGS); Service description; Stage 2 | S3 | Yes | 12/12/2002 | yes |

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|--------|--|--------------------|---------------------|----------------------------|---------------------|
| TS | 23.032 | Universal Geographical Area Description (GAD) | S2 | Yes | 20/03/2003 | yes |
| TS | 23.034 | High Speed Circuit Switched Data (HSCSD); Stage 2 | N1 | Yes | 08/03/2002 | yes |
| TS | 23.035 | Immediate Service Termination (IST); Stage 2 | S3 | Yes | 13/06/2002 | yes |
| TS | 23.038 | Alphabets and language-specific information | T2 | Yes | 08/03/2002 | yes |
| TR | 23.039 | Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) | T2 | Yes | 08/03/2002 | yes |
| TS | 23.040 | Technical realization of Short Message Service (SMS) | T2 | Yes | 08/03/2002 | yes |
| TS | 23.041 | Technical realization of Cell Broadcast Service (CBS) | T2 | Yes | 07/06/2002 | yes |
| TS | 23.042 | Compression algorithm for SMS | T2 | Yes | 08/03/2002 | yes |
| TS | 23.048 | Security mechanisms for the (U)SIM application toolkit; Stage 2 | T3 | Yes | 08/03/2002 | yes |
| TS | 23.053 | Tandem Free Operation (TFO); Service description; Stage 2 | S4 | Yes | 13/06/2002 | yes |
| TS | 23.057 | Mobile Execution Environment (MExE); Functional description; Stage 2 | T2 | Yes | 08/03/2002 | yes |
| TS | 23.060 | General Packet Radio Service (GPRS) Service description; Stage 2 | S2 | Yes | 14/03/2002 | yes |
| TS | 23.066 | Support of GSM Mobile Number Portability (MNP) stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.067 | Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.072 | Call Deflection Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.078 | customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | N2 | Yes | 07/06/2002 | yes |
| TS | 23.079 | Support of Optimal Routeing (SOR); Technical realization; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.081 | Line Identification supplementary services; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.082 | Call Forwarding (CF) Supplementary Services; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.084 | MultiParty (MPTY) Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.085 | Closed User Group (CUG) Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.086 | Advice of Charge (AoC) Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.087 | User-to-User Signalling (UUS) supplementary service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.088 | Call Barring (CB) Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.090 | Unstructured Supplementary Service Data (USSD); Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.093 | Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.094 | Follow Me Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.096 | Name Identification Supplementary Service; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.097 | Multiple Subscriber Profile (MSP) Phase 1; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.101 | General UMTS Architecture | S2 | Yes | 18-12-2003 | yes |
| TS | 23.107 | Quality of Service (QoS) concept and architecture | S2 | Yes | 14/03/2002 | yes |
| TS | 23.108 | Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures) | N1 | Yes | 07/06/2002 | yes |
| TS | 23.110 | UMTS Access Stratum Services and Functions | S2 | Yes | 18/12/2003 | yes |
| TS | 23.116 | Super-Charger technical realization; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.119 | Gateway Location Register (GLR); Stage2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.122 | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode | N1 | Yes | 08/03/2002 | yes |
| TS | 23.127 | Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2 | S2 | Yes | 14/03/2002 | yes |
| TS | 23.135 | Multicall supplementary service; Stage 2 | N4 | Yes | 08/03/2002 | yes |

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|--------|---|----------|------------------|-------------|--------|
| TS | 23.140 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | T2 | Yes | 08/03/2002 | yes |
| TS | 23.146 | Technical realization of facsimile Group 3 service - non-transparent | N3 | Yes | 08/03/2002 | yes |
| TS | 23.153 | Out of Band Transcoder Control; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.172 | Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2 | N3 | Yes | 07/06/2002 | yes |
| TS | 23.195 | Provision of User Equipment Specific Behaviour Information (UESBI) to network entities | S2 | Yes | 12/06/2003 | yes |
| TS | 23.205 | Bearer-independent circuit-switched core network; Stage 2 | N4 | Yes | 08/03/2002 | yes |
| TS | 23.207 | End-to-end Quality of Service (QoS) concept and architecture | S2 | Yes | 14/03/2002 | yes |
| TS | 23.218 | IP Multimedia (IM) session handling; IM call model; Stage 2 | N1 | Yes | 08/03/2002 | yes |
| TS | 23.221 | Architectural requirements | S2 | Yes | 14/03/2002 | yes |
| TS | 23.226 | Global text telephony (GTT); Stage 2: Architecture | S2 | Yes | 08/03/2002 | yes |
| TS | 23.227 | Application and user interaction in the UE; Principles and specific requirements | T2 | Yes | 08/03/2002 | yes |
| TS | 23.228 | IP Multimedia Subsystem (IMS); Stage 2 | S2 | Yes | 14/03/2002 | yes |
| TS | 23.236 | Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes | S2 | Yes | 14/03/2002 | yes |
| TS | 23.271 | Location Services (LCS); Functional description; Stage 2 | S2 | Yes | 14/03/2002 | yes |
| TS | 23.278 | customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2 | N2 | Yes | 06/12/2002 | yes |
| TR | 23.815 | Charging implications of IMS architecture | S2 | No | 14/03/2002 | yes |
| TR | 23.871 | Enhanced support for user privacy in Location Services (LCS) | S2 | No | 14/03/2002 | yes |
| TR | 23.875 | Support of Push service | S2 | No | 14/03/2002 | yes |
| TR | 23.910 | Circuit switched data bearer services | N3 | Yes | 08/03/2002 | yes |
| TS | 24.002 | GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration | N1 | Yes | 08/03/2002 | yes |
| TS | 24.007 | Mobile radio interface signalling layer 3; General Aspects | N1 | Yes | 08/03/2002 | yes |
| TS | 24.008 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | N1 | Yes | 08/03/2002 | yes |
| TS | 24.010 | Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects | N4 | Yes | 08/03/2002 | yes |
| TS | 24.011 | Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface | N1 | Yes | 08/03/2002 | yes |
| TS | 24.022 | Radio Link Protocol (RLP) for circuit switched bearer and teleservices | N3 | Yes | 08/03/2002 | yes |
| TS | 24.030 | Location Services (LCS); Supplementary service operations; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.067 | Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.072 | Call Deflection Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.080 | Mobile radio Layer 3 supplementary service specification; Formats and coding | N4 | Yes | 08/03/2002 | yes |
| TS | 24.081 | Line Identification Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.082 | Call Forwarding supplementary service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.084 | MultiParty (PTY) Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.085 | Closed User Group (CUG) Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.086 | Advice of Charge (AoC) Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|--------|--|----------|------------------|-------------|--------|
| TS | 24.087 | User-to-User Signalling (UUS); Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.088 | Call Barring (CB) Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.090 | Unstructured Supplementary Service Data (USSD); Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.093 | Call Completion to Busy Subscriber (CCBS); Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.096 | Name Identification Supplementary Service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.135 | Multicall supplementary service; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 24.228 | Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | N1 | Yes | 07/06/2002 | yes |
| TS | 24.229 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | N1 | Yes | 07/06/2002 | yes |
| TS | 25.101 | User Equipment (UE) radio transmission and reception (FDD) | R4 | Yes | 08/03/2002 | yes |
| TS | 25.102 | User Equipment (UE) radio transmission and reception (TDD) | R4 | Yes | 08/03/2002 | yes |
| TS | 25.104 | Base Station (BS) radio transmission and reception (FDD) | R4 | Yes | 08/03/2002 | yes |
| TS | 25.105 | UTRA (BS) TDD: Radio transmission and reception | R4 | Yes | 08/03/2002 | yes |
| TS | 25.106 | UTRA repeater radio transmission and reception | R4 | Yes | 08/03/2002 | yes |
| TS | 25.113 | Base station and repeater electromagnetic compatibility (EMC) | R4 | Yes | 08/03/2002 | yes |
| TS | 25.123 | Requirements for support of radio resource management (TDD) | R4 | Yes | 08/03/2002 | yes |
| TS | 25.133 | Requirements for support of radio resource management (FDD) | R4 | Yes | 08/03/2002 | yes |
| TS | 25.141 | Base Station (BS) conformance testing (FDD) | R4 | Yes | 08/03/2002 | yes |
| TS | 25.142 | Base Station (BS) conformance testing (TDD) | R4 | Yes | 08/03/2002 | yes |
| TS | 25.143 | UTRA repeater conformance testing | R4 | Yes | 08/03/2002 | yes |
| TS | 25.201 | Physical layer - general description | R1 | Yes | 08/03/2002 | yes |
| TS | 25.211 | Physical channels and mapping of transport channels onto physical channels (FDD) | R1 | Yes | 08/03/2002 | yes |
| TS | 25.212 | Multiplexing and channel coding (FDD) | R1 | Yes | 08/03/2002 | yes |
| TS | 25.213 | Spreading and modulation (FDD) | R1 | Yes | 08/03/2002 | yes |
| TS | 25.214 | Physical layer procedures (FDD) | R1 | Yes | 08/03/2002 | yes |
| TS | 25.215 | Physical layer; Measurements (FDD) | R1 | Yes | 08/03/2002 | yes |
| TS | 25.221 | Physical channels and mapping of transport channels onto physical channels (TDD) | R1 | Yes | 08/03/2002 | yes |
| TS | 25.222 | Multiplexing and channel coding (TDD) | R1 | Yes | 08/03/2002 | yes |
| TS | 25.223 | Spreading and modulation (TDD) | R1 | Yes | 08/03/2002 | yes |
| TS | 25.224 | Physical layer procedures (TDD) | R1 | Yes | 08/03/2002 | yes |
| TS | 25.225 | Physical layer; Measurements (TDD) | R1 | Yes | 08/03/2002 | yes |
| TS | 25.301 | Radio Interface Protocol Architecture | R2 | Yes | 08/03/2002 | yes |
| TS | 25.302 | Services provided by the physical layer | R2 | Yes | 08/03/2002 | yes |
| TS | 25.303 | Interlayer procedures in Connected Mode | R2 | Yes | 08/03/2002 | yes |
| TS | 25.304 | User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode | R2 | Yes | 08/03/2002 | yes |
| TS | 25.305 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | R2 | Yes | 08/03/2002 | yes |
| TS | 25.306 | UE Radio Access capabilities definition | R2 | Yes | 08/03/2002 | yes |
| TS | 25.307 | Requirements on UEs supporting a release-independent frequency band | R2 | Yes | 08/03/2002 | yes |
| TS | 25.308 | UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2 | R2 | Yes | 08/03/2002 | yes |
| TS | 25.321 | Medium Access Control (MAC) protocol specification | R2 | Yes | 08/03/2002 | yes |
| TS | 25.322 | Radio Link Control (RLC) protocol specification | R2 | Yes | 08/03/2002 | yes |
| TS | 25.323 | Packet Data Convergence Protocol (PDCP) specification | R2 | Yes | 08/03/2002 | yes |

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| TS | 25.324 | Broadcast/Multicast Control (BMC) | R2 | Yes | 08/03/2002 | yes |
| TS | 25.331 | Radio Resource Control (RRC) protocol specification | R2 | Yes | 08/03/2002 | yes |
| TS | 25.401 | UTRAN overall description | R3 | Yes | 08/03/2002 | yes |
| TS | 25.402 | Synchronisation in UTRAN Stage 2 | R3 | Yes | 08/03/2002 | yes |
| TS | 25.410 | UTRAN Iu Interface: General Aspects and Principles | R3 | Yes | 08/03/2002 | yes |
| TS | 25.411 | UTRAN Iu interface layer 1 | R3 | Yes | 08/03/2002 | yes |
| TS | 25.412 | UTRAN Iu interface signalling transport | R3 | Yes | 08/03/2002 | yes |
| TS | 25.413 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | R3 | Yes | 08/03/2002 | yes |
| TS | 25.414 | UTRAN Iu interface data transport & transport signalling | R3 | Yes | 08/03/2002 | yes |
| TS | 25.415 | UTRAN Iu interface user plane protocols | R3 | Yes | 08/03/2002 | yes |
| TS | 25.419 | UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) | R3 | Yes | 08/03/2002 | yes |
| TS | 25.420 | UTRAN Iur Interface: General Aspects and Principles | R3 | Yes | 08/03/2002 | yes |
| TS | 25.421 | UTRAN Iur interface Layer 1 | R3 | Yes | 08/03/2002 | yes |
| TS | 25.422 | UTRAN Iur interface signalling transport | R3 | Yes | 08/03/2002 | yes |
| TS | 25.423 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | R3 | Yes | 08/03/2002 | yes |
| TS | 25.424 | UTRAN Iur interface data transport & transport signalling for CCH data streams | R3 | Yes | 08/03/2002 | yes |
| TS | 25.425 | UTRAN Iur interface user plane protocols for CCH data streams | R3 | Yes | 08/03/2002 | yes |
| TS | 25.426 | UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams | R3 | Yes | 08/03/2002 | yes |
| TS | 25.427 | UTRAN Iur and Iub interface user plane protocols for DCH data streams | R3 | Yes | 08/03/2002 | yes |
| TS | 25.430 | UTRAN Iub Interface: General Aspects and Principles | R3 | Yes | 08/03/2002 | yes |
| TS | 25.431 | UTRAN Iub interface Layer 1 | R3 | Yes | 08/03/2002 | yes |
| TS | 25.432 | UTRAN Iub interface: signalling transport | R3 | Yes | 08/03/2002 | yes |
| TS | 25.433 | UTRAN Iub interface NBAP signalling | R3 | Yes | 08/03/2002 | yes |
| TS | 25.434 | UTRAN Iub interface data transport & transport signalling for CCH data streams | R3 | Yes | 08/03/2002 | yes |
| TS | 25.435 | UTRAN Iub interface user plane protocols for CCH data streams | R3 | Yes | 08/03/2002 | yes |
| TS | 25.442 | UTRAN implementation-specific O&M transport | R3 | Yes | 08/03/2002 | yes |
| TS | 25.450 | UTRAN Iupc interface general aspects and principles | R3 | Yes | 08/03/2002 | yes |
| TS | 25.451 | UTRAN Iupc interface layer 1 | R3 | Yes | 08/03/2002 | yes |
| TS | 25.452 | UTRAN Iupc interface: signalling transport | R3 | Yes | 08/03/2002 | yes |
| TS | 25.453 | UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling | R3 | Yes | 08/03/2002 | yes |
| TR | 25.854 | Uplink Synchronous Transmission Scheme (USTS) | R1 | No | 08/03/2002 | yes |
| TR | 25.858 | Physical layer aspects of UTRA High Speed Downlink Packet Access | R1 | No | 08/03/2002 | yes |
| TR | 25.859 | User Equipment (UE) positioning enhancements for 1,28 Mcps TDD | R2 | No | 08/03/2002 | yes |
| TR | 25.860 | Radio access bearer support enhancements | R2 | No | 08/03/2002 | yes |
| TR | 25.868 | Node B synchronization for 1,28 Mcps TDD | R1 | No | 08/03/2002 | yes |
| TR | 25.870 | Enhancement on the DSCH Hard Split mode | R1 | No | 08/03/2002 | yes |
| TR | 25.875 | NAS node selector function | R3 | No | 08/03/2002 | yes |
| TR | 25.877 | High Speed Downlink Packet Access (HSDPA) - Iub/Iur Protocol Aspects | R3 | No | 08/03/2002 | yes |
| TR | 25.878 | RL timing adjustment | R3 | No | 08/03/2002 | yes |
| TR | 25.879 | Separation of resource reservation and radio link activation | R3 | No | 08/03/2002 | yes |
| TS | 25.880 | Re-arrangement of Iub transport bearers | R3 | No | 08/03/2002 | yes |
| TR | 25.881 | Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS | R3 | No | 08/03/2002 | yes |
| TR | 25.882 | 1,28 Mcps TDD option base station classification | R4 | No | 08/03/2002 | yes |
| TR | 25.883 | Direct Transport Bearers Between SRNC and Node-B | R3 | No | 07/06/2002 | yes |
| TR | 25.884 | Iur Neighbouring cell reporting efficiency optimisation | R3 | No | 07/06/2002 | yes |

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| TR | 25.921 | Guidelines and principles for protocol description and error handling | R2 | Yes | 08/03/2002 | yes |
| TR | 25.922 | Radio Resource Management Strategies | R2 | Yes | 08/03/2002 | yes |
| TR | 25.931 | UTRAN Functions, examples on signalling procedures | R3 | Yes | 08/03/2002 | yes |
| TR | 25.933 | IP transport in UTRAN | R3 | Yes | 08/03/2002 | yes |
| TR | 25.942 | RF system scenarios | R4 | Yes | 08/03/2002 | yes |
| TR | 25.943 | Deployment aspects | R4 | Yes | 08/03/2002 | yes |
| TR | 25.945 | RF requirements for low chip rate TDD option | R4 | Yes | 08/03/2002 | yes |
| TR | 25.952 | Base Station classification (TDD) | R4 | Yes | 08/03/2002 | yes |
| TR | 25.956 | UTRA repeater: Planning guidelines and system analysis | R4 | Yes | 08/03/2002 | yes |
| TR | 25.991 | Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment | R4 | Yes | 08/03/2002 | yes |
| TR | 25.993 | Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) | R2 | Yes | 14/03/2002 | yes |
| TR | 25.994 | Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults | R2 | Yes | 14/03/2002 | yes |
| TR | 25.995 | Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface specification | R2 | Yes | 14/03/2002 | yes |
| TS | 26.071 | AMR speech Codec; General description | S4 | Yes | 13/06/2002 | yes |
| TS | 26.073 | AMR speech Codec; C-source code | S4 | Yes | 13/06/2002 | yes |
| TS | 26.074 | AMR speech Codec; Test sequences | S4 | Yes | 13/06/2002 | yes |
| TS | 26.077 | Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder | S4 | Yes | 13/06/2002 | yes |
| TS | 26.090 | AMR speech Codec; Transcoding Functions | S4 | Yes | 13/06/2002 | yes |
| TS | 26.091 | AMR speech Codec; Error concealment of lost frames | S4 | Yes | 13/06/2002 | yes |
| TS | 26.092 | AMR speech Codec; comfort noise for AMR Speech Traffic Channels | S4 | Yes | 13/06/2002 | yes |
| TS | 26.093 | AMR speech Codec; Source Controlled Rate operation | S4 | Yes | 13/06/2002 | yes |
| TS | 26.094 | AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels | S4 | Yes | 13/06/2002 | yes |
| TS | 26.101 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure | S4 | Yes | 13/06/2002 | yes |
| TS | 26.102 | Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu | S4 | Yes | 13/06/2002 | yes |
| TS | 26.103 | Speech codec list for GSM and UMTS | S4 | Yes | 14/03/2002 | yes |
| TS | 26.104 | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec | S4 | Yes | 13/06/2002 | yes |
| TS | 26.110 | Codec for circuit switched multimedia telephony service; General description | S4 | Yes | 13/06/2002 | yes |
| TS | 26.111 | Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324 | S4 | Yes | 13/06/2002 | yes |
| TS | 26.115 | Echo control for speech and multi-media services | S4 | Yes | 13/06/2002 | yes |
| TS | 26.131 | Terminal acoustic characteristics for telephony; Requirements | S4 | Yes | 14/03/2002 | yes |
| TS | 26.132 | Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification | S4 | Yes | 14/03/2002 | yes |
| TS | 26.140 | Multimedia Messaging Service (MMS); Media formats and codes | S4 | Yes | 14/03/2002 | yes |
| TS | 26.171 | AMR speech codec, wideband; General description | S4 | Yes | 14/03/2002 | yes |
| TS | 26.173 | ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec | S4 | Yes | 14/03/2002 | yes |
| TS | 26.174 | AMR speech codec, wideband; Test sequences | S4 | Yes | 14/03/2002 | yes |
| TS | 26.190 | Mandatory Speech Codec speech processing | S4 | Yes | 14/03/2002 | yes |

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| | | functions AMR Wideband speech codec; Transcoding functions | | | | |
| TS | 26.191 | AMR speech codec, wideband; Error concealment of lost frames | S4 | Yes | 14/03/2002 | yes |
| TS | 26.192 | Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects | S4 | Yes | 14/03/2002 | yes |
| TS | 26.193 | AMR speech codec, wideband; Source Controlled Rate operation | S4 | Yes | 14/03/2002 | yes |
| TS | 26.194 | Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD) | S4 | Yes | 14/03/2002 | yes |
| TS | 26.201 | AMR speech codec, wideband; Frame structure | S4 | Yes | 14/03/2002 | yes |
| TS | 26.202 | AMR speech codec, wideband; Interface to lu and Uu | S4 | Yes | 14/03/2002 | yes |
| TS | 26.204 | ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec | S4 | Yes | 14/03/2002 | yes |
| TS | 26.226 | Global text telephony (GTT); Transport of text in the voice channel | S4 | Yes | 14/03/2002 | yes |
| TS | 26.230 | Global text telephony (GTT); Cellular text telephone modem transmitter C-code description | S4 | Yes | 14/03/2002 | yes |
| TS | 26.231 | Global text telephony (GTT); Cellular text telephone modem minimum performance requirements | S4 | Yes | 14/03/2002 | yes |
| TS | 26.233 | End-to-end transparent streaming service; General description | S4 | Yes | 14/03/2002 | yes |
| TS | 26.234 | Transparent end-to-end streaming service; Protocols and codecs | S4 | Yes | 14/03/2002 | yes |
| TS | 26.235 | Packet switched conversational multimedia applications; Default codecs | S4 | Yes | 14/03/2002 | yes |
| TS | 26.236 | Packet switched conversational multimedia applications; Transport protocols | S4 | Yes | 14/03/2002 | yes |
| TR | 26.911 | Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide | S4 | Yes | 13/06/2002 | yes |
| TR | 26.937 | Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model | S4 | Yes | 14/03/2002 | yes |
| TR | 26.975 | Performance characterization of the Adaptive Multi-Rate (AMR) speech codec | S4 | Yes | 13/06/2002 | yes |
| TR | 26.976 | Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec | S4 | Yes | 07/06/2002 | yes |
| TS | 27.001 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | N3 | Yes | 08/03/2002 | yes |
| TS | 27.002 | Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities | N3 | Yes | 08/03/2002 | yes |
| TS | 27.003 | Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities | N3 | Yes | 08/03/2002 | yes |
| TS | 27.005 | Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) | T2 | Yes | 08/03/2002 | yes |
| TS | 27.007 | AT command set for 3G User Equipment (UE) | T2 | Yes | 08/03/2002 | yes |
| TS | 27.010 | Terminal Equipment to User Equipment (TE-UE) multiplexer protocol | T2 | Yes | 08/03/2002 | yes |
| TS | 27.060 | Packet domain; Mobile Station (MS) supporting Packet Switched services | N3 | Yes | 08/03/2002 | yes |
| TS | 27.103 | Wide Area Network Synchronization | T2 | Yes | 08/03/2002 | yes |
| TR | 27.901 | Report on Terminal Interfaces - An Overview | T2 | Yes | 08/03/2002 | yes |
| TS | 28.062 | Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3 | S4 | Yes | 14/03/2002 | yes |
| TS | 29.002 | Mobile Application Part (MAP) specification | N4 | Yes | 08/03/2002 | yes |
| TS | 29.007 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public | N3 | Yes | 08/03/2002 | yes |

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| | | Switched Telephone Network (PSTN) | | | | |
| TS | 29.010 | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | N4 | Yes | 08/03/2002 | yes |
| TS | 29.011 | Signalling Interworking for Supplementary Services | N4 | Yes | 08/03/2002 | yes |
| TS | 29.013 | Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols | N4 | Yes | 08/03/2002 | yes |
| TS | 29.016 | Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification | N1 | Yes | 08/03/2002 | yes |
| TS | 29.018 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | N1 | Yes | 08/03/2002 | yes |
| TS | 29.060 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | N4 | Yes | 08/03/2002 | yes |
| TS | 29.061 | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) | N3 | Yes | 06/09/2002 | yes |
| TS | 29.078 | customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | N2 | Yes | 07/06/2002 | yes |
| TS | 29.108 | Application of the Radio Access Network Application Part (RANAP) on the E-interface | R3 | Yes | 08/03/2002 | yes |
| TS | 29.119 | GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR) | N4 | Yes | 08/03/2002 | yes |
| TS | 29.120 | Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 29.198-01 | Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview | N5 | Yes | 08/03/2002 | yes |
| TS | 29.198-02 | Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data | N5 | Yes | 08/03/2002 | yes |
| TS | 29.198-03 | Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework | N5 | Yes | 07/06/2002 | yes |
| TS | 29.198-04-1 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions | N5 | Yes | 07/06/2002 | yes |
| TS | 29.198-04-2 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data Service Capability Feature (SCF) | N5 | Yes | 07/06/2002 | yes |
| TS | 29.198-04-3 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF) | N5 | Yes | 07/06/2002 | yes |
| TS | 29.198-04-4 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF) | N5 | Yes | 07/06/2002 | yes |
| TS | 29.198-05 | Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction | N5 | Yes | 08/03/2002 | yes |
| TS | 29.198-06 | Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility | N5 | Yes | 08/03/2002 | yes |
| TS | 29.198-07 | Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities | N5 | Yes | 08/03/2002 | yes |
| TS | 29.198-08 | Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control | N5 | Yes | 08/03/2002 | yes |
| TS | 29.198-11 | Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management | N5 | Yes | 08/03/2002 | yes |
| TS | 29.198- | Open Service Access (OSA) Application Programming | N5 | Yes | 07/06/2002 | yes |

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| | 12 | Interface (API); Part 12: Charging | | | | |
| TS | 29.198-13 | Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF | N5 | Yes | 07/06/2002 | yes |
| TS | 29.198-14 | Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM) | N5 | Yes | 07/06/2002 | yes |
| TS | 29.202 | Signalling System No. 7 (SS7) signalling transport in core network; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 29.205 | Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 29.207 | Policy control over Go interface | N3 | Yes | 07/06/2002 | yes |
| TS | 29.208 | End to end Quality of Service (QoS) signalling flows | N3 | Yes | 07/06/2002 | yes |
| TS | 29.228 | IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents | N4 | Yes | 07/06/2002 | yes |
| TS | 29.229 | Cx and Dx interfaces based on the Diameter protocol; Protocol details | N4 | Yes | 07/06/2002 | yes |
| TS | 29.232 | Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3 | N4 | Yes | 08/03/2002 | yes |
| TS | 29.278 | customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS) | N2 | Yes | 06/12/2002 | yes |
| TS | 29.328 | IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents | N4 | Yes | 07/06/2002 | yes |
| TS | 29.329 | Sh interface based on the Diameter protocol | N4 | Yes | 07/06/2002 | yes |
| TS | 29.414 | Core network Nb data transport and transport signalling | N3 | Yes | 08/03/2002 | yes |
| TS | 29.415 | Core network Nb interface user plane protocols | N3 | Yes | 08/03/2002 | yes |
| TR | 29.903 | Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA) | N4 | Yes | 08/03/2002 | yes |
| TR | 29.994 | Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults | N1 | Yes | 14/03/2002 | yes |
| TR | 29.998-01 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping | N5 | Yes | 08/03/2002 | yes |
| TR | 29.998-04-1 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping | N5 | Yes | 08/03/2002 | yes |
| TR | 29.998-04-4 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control ISC | N5 | Yes | 07/06/2002 | yes |
| TR | 29.998-05-1 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping | N5 | Yes | 08/03/2002 | yes |
| TR | 29.998-05-4 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping | N5 | Yes | 08/03/2002 | yes |
| TR | 29.998-06 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP | N5 | Yes | 08/03/2002 | yes |
| TR | 29.998-08 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP | N5 | Yes | 08/03/2002 | yes |
| TR | 30.902 | Guidelines for the modification of the Mobile Application Part (MAP) | N4 | No | 14/03/2003 | yes |
| TS | 31.048 | Test specification for security mechanisms for the | T3 | Yes | 19/09/2003 | yes |

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| | | (U)SIM application toolkit | | | | |
| TS | 31.101 | UICC-terminal interface; Physical and logical characteristics | T3 | Yes | 06/09/2002 | yes |
| TS | 31.102 | Characteristics of the USIM application | T3 | Yes | 08/03/2002 | yes |
| TS | 31.103 | Characteristics of the IP Multimedia Services Identity Module (ISIM) application | T3 | Yes | 07/06/2002 | yes |
| TS | 31.111 | Universal Subscriber Identity Module Application Toolkit (USAT) | T3 | Yes | 08/03/2002 | yes |
| TS | 31.112 | Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2 | T3 | Yes | 08/03/2002 | yes |
| TS | 31.113 | Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes | T3 | Yes | 08/03/2002 | yes |
| TS | 31.114 | Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration | T3 | Yes | 08/03/2002 | yes |
| TS | 31.121 | UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification | T3 | Yes | | |
| TR | 31.900 | SIM/USIM internal and external interworking aspects | T3 | Yes | 14/03/2002 | yes |
| TS | 32.101 | Telecommunication management; Principles and high level requirements | S5 | Yes | 14/03/2002 | yes |
| TS | 32.102 | Telecommunication management; Architecture | S5 | Yes | 14/03/2002 | yes |
| TS | 32.111-1 | Telecommunication management; Fault Management; Part 1: 3G fault management requirements | S5 | Yes | 14/03/2002 | yes |
| TS | 32.111-2 | Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service | S5 | Yes | 14/03/2002 | yes |
| TS | 32.111-3 | Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 14/03/2002 | yes |
| TS | 32.111-4 | Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes | 14/03/2002 | yes |
| TS | 32.200 | Telecommunication management; Charging management; Charging principles | S5 | Yes | 12/09/2002 | yes |
| TS | 32.205 | Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain | S5 | Yes | 14/03/2002 | yes |
| TS | 32.215 | Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain | S5 | Yes | 14/03/2002 | yes |
| TS | 32.225 | Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS) | S5 | Yes | 12/09/2002 | yes |
| TS | 32.235 | Telecommunication management; Charging management; Charging data description for application services | S5 | Yes | 12/09/2002 | yes |
| TS | 32.300 | Telecommunication management; Configuration Management (CM); Name convention for Managed Objects | S5 | Yes | 12/09/2002 | yes |
| TS | 32.301 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements | S5 | Yes | 14/03/2002 | yes |
| TS | 32.302 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service | S5 | Yes | 14/03/2002 | yes |
| TS | 32.303 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 14/03/2002 | yes |
| TS | 32.304 | Telecommunication management; Configuration | S5 | Yes | 14/03/2002 | yes |

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| | | Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | | | | |
| TS | 32.311 | Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements | S5 | Yes | 14/03/2002 | yes |
| TS | 32.312 | Telecommunication management; Generic Integration Reference Point (IRP) management; Information service | S5 | Yes | 14/03/2002 | yes |
| TS | 32.321 | Telecommunication management; Test management Integration Reference Point (IRP): Requirements | S5 | Yes | 14/03/2002 | yes |
| TS | 32.322 | Telecommunication management; Test management Integration Reference Point (IRP): Information service | S5 | Yes | 12/09/2002 | yes |
| TS | 32.323 | Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 12/09/2002 | yes |
| TS | 32.324 | Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes | 12/09/2002 | yes |
| TS | 32.401 | Telecommunication management; Performance Management (PM); Concept and requirements | S5 | Yes | 14/03/2002 | yes |
| TS | 32.403 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | S5 | Yes | 14/03/2002 | yes |
| TS | 32.600 | Telecommunication management; Configuration Management (CM); Concept and high-level requirements | S5 | Yes | 12/09/2002 | yes |
| TS | 32.601 | Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements | S5 | Yes | 12/09/2002 | yes |
| TS | 32.602 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information service | S5 | Yes | 12/09/2002 | yes |
| TS | 32.603 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 12/09/2002 | yes |
| TS | 32.604 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set | S5 | Yes | 12/09/2002 | yes |
| TS | 32.611 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements | S5 | Yes | 13/06/2002 | yes |
| TS | 32.612 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information service | S5 | Yes | 12/09/2002 | yes |
| TS | 32.613 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 12/09/2002 | yes |
| TS | 32.614 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes | 12/09/2002 | yes |
| TS | 32.615 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition | S5 | Yes | 13/06/2002 | yes |
| TS | 32.621 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements | S5 | Yes | 12/09/2002 | yes |
| TS | 32.622 | Telecommunication management; Configuration | S5 | Yes | 12/09/2002 | yes |

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| | | Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM) | | | | |
| TS | 32.623 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 12/09/2002 | yes |
| TS | 32.624 | Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes | 12/09/2002 | yes |
| TS | 32.625 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes | 14/03/2002 | yes |
| TS | 32.631 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements | S5 | Yes | 13/06/2002 | yes |
| TS | 32.632 | Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM) | S5 | Yes | 12/09/2002 | yes |
| TS | 32.633 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 12/09/2002 | yes |
| TS | 32.634 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes | 12/09/2002 | yes |
| TS | 32.635 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes | 13/06/2002 | yes |
| TS | 32.641 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements | S5 | Yes | 12/09/2002 | yes |
| TS | 32.642 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM) | S5 | Yes | 12/09/2002 | yes |
| TS | 32.643 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 12/09/2002 | yes |
| TS | 32.644 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes | 12/09/2002 | yes |
| TS | 32.645 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes | 13/06/2002 | yes |
| TS | 32.655 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes | 13/06/2002 | yes |
| TS | 32.661 | Telecommunication management; Configuration Management (CM); Kernel CM requirements | S5 | Yes | 12/09/2002 | yes |
| TS | 32.662 | Telecommunication management; Configuration Management (CM); Kernel CM information service | S5 | Yes | 12/12/2002 | yes |
| TS | 32.663 | Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference | S5 | Yes | 12/09/2002 | yes |

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| | | Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | | | | |
| TS | 32.664 | Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes | 12/12/2002 | yes |
| TS | 32.671 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements | S5 | Yes | 14/03/2002 | yes |
| TS | 32.672 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information service | S5 | Yes | 14/03/2002 | yes |
| TS | 32.673 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | S5 | Yes | 14/03/2002 | yes |
| TS | 32.674 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | S5 | Yes | 14/03/2002 | yes |
| TS | 32.691 | Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements | S5 | Yes | 12/09/2002 | yes |
| TS | 32.692 | Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM) | S5 | Yes | 12/09/2002 | yes |
| TR | 32.800 | Telecommunication management; Management level procedures and interaction with UTRAN | S5 | No | 14/03/2002 | yes |
| TR | 32.802 | Telecommunication management; User Equipment Management (UEM) feasibility study | S5 | No | 13/06/2002 | yes |
| TS | 33.102 | 3G security; Security architecture | S3 | Yes | 14/03/2002 | yes |
| TS | 33.106 | Lawful interception requirements | S3 | Yes | 14/03/2002 | yes |
| TS | 33.107 | 3G security; Lawful interception architecture and functions | S3 | Yes | 14/03/2002 | yes |
| TS | 33.108 | 3G security; Handover interface for Lawful Interception (LI) | S3 | Yes | 13/06/2002 | yes |
| TS | 33.200 | 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security | S3 | Yes | 14/03/2002 | yes |
| TS | 33.201 | Access domain security | S3 | Yes | 14/03/2002 | yes |
| TS | 33.203 | 3G security; Access security for IP-based services | S3 | Yes | 14/03/2002 | yes |
| TS | 33.210 | 3G security; Network Domain Security (NDS); IP network layer security | S3 | Yes | 14/03/2002 | yes |
| TR | 33.900 | Guide to 3G security | S3 | Yes | 14/03/2002 | yes |
| TR | 33.903 | Access Security for IP based services | S3 | Yes | 14/03/2002 | yes |
| TS | 34.109 | Terminal logical test interface; Special conformance testing functions | R2 | Yes | 08/03/2002 | yes |
| TS | 34.121 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | T1 | Yes | 06/06/2003 | yes |
| TS | 34.122 | Terminal Conformance Specification, Radio Transmission and Reception (TDD) | T1 | Yes | | |
| TS | 34.123-1 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | T1 | Yes | 07/06/2002 | yes |
| TS | 34.123-2 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | T1 | Yes | 07/06/2002 | yes |
| TS | 34.124 | Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment | R4 | Yes | 08/03/2002 | yes |
| TR | 34.902 | Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests | T1 | Yes | 12/12/2003 | yes |
| TR | 34.926 | Table of international EMC requirements | R4 | Yes | 08/03/2002 | yes |
| TS | 35.201 | Specification of the 3GPP confidentiality and integrity | S3 | Yes | 14/03/2002 | yes |

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| | | algorithms; Document 1: f8 and f9 specifications | | | | |
| TS | 35.202 | Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification | S3 | Yes | 14/03/2002 | yes |
| TS | 35.203 | Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data | S3 | Yes | 14/03/2002 | yes |
| TS | 35.204 | Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data | S3 | Yes | 14/03/2002 | yes |
| TS | 35.205 | 3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 1: General | S3 | Yes | 14/03/2002 | yes |
| TS | 35.206 | 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 2: Algorithm specification | S3 | Yes | 14/03/2002 | yes |
| TS | 35.207 | 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 3: Implementors' test data | S3 | Yes | 14/03/2002 | yes |
| TS | 35.208 | 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 4: Design conformance test data | S3 | Yes | 14/03/2002 | yes |
| TR | 35.909 | 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 5: Summary and results of design and evaluation | S3 | Yes | 14/03/2002 | yes |