

ETSI TS 121 201 V10.0.0 (2011-04)

Technical Specification

LTE;
Technical Specifications and Technical Reports
for an Evolved Packet System (EPS) based 3GPP system
(3GPP TS 21.201 version 10.0.0 Release 10)



Reference

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Keywords

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Foreword

This Technical Specification (TS) has been produced by ETSI 3rd Generation Partnership Project (3GPP).

The present document may refer to technical specifications or reports using their 3GPP identities, UMTS identities or GSM identities. These should be interpreted as being references to the corresponding ETSI deliverables.

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Foreword

This Technical Specification has been produced by the 3rd Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

- x the first digit:
 - 1 presented to TSG for information;
 - 2 presented to TSG for approval;
 - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

1 Scope

The present document identifies the 3GPP system specifications for Release 8. The specifications and reports of 3GPP Release 10 have a major version number 10 (i.e. 10.x.y). The listed Specifications are required to build a system based on the Evolved Packet System.

The high-level architecture of such a system is defined in 3GPP TS 23.002 [2] (figure 1b).

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 23.002: "Network architecture".

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in TR 21.905 [1] apply.

3.2 Symbols

(Void)

3.3 Abbreviations

For the purposes of the present document, the abbreviations given in TR 21.905 [1] apply.

4 General

The numbering scheme for specifications is described in 3GPP TR 21.900 [2].

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

| Type | Number | Title | Group | For publication? |
|------|--------|---|-------|------------------|
| TS | 21.111 | USIM and IC card requirements | C6 | Yes |
| TS | 21.201 | Technical Specifications and Technical Reports for an Evolved Packet System (EPS) based 3GPP system | SP | Yes |
| TS | 21.202 | Technical Specifications and Technical Reports relating to the Common IP Multimedia Subsystem (IMS) | SP | Yes |
| TR | 21.801 | Specification drafting rules | SP | No |
| TR | 21.900 | Technical Specification Group working methods | SP | Yes |
| TR | 21.902 | Evolution of 3GPP system | SP | Yes |
| TR | 21.905 | Vocabulary for 3GPP Specifications | 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 | 22.038 | (U)SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | S1 | Yes |
| TS | 22.041 | Operator Determined Call Barring (ODB) | S1 | Yes |
| TS | 22.042 | Network Identity and Time Zone (NITZ); Service description; Stage 1 | S1 | Yes |
| TS | 22.053 | Tandem Free Operation (TFO); Service description; Stage 1 | S4 | Yes |
| TS | 22.057 | Mobile Execution Environment (MEExE) 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); Service description; Stage 1 | S1 | Yes |
| TS | 22.072 | Call Deflection (CD); Stage 1 | S1 | Yes |
| TS | 22.076 | Noise suppression for the AMR codec; Service description; Stage 1 | S4 | 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 2; Service description; Stage 1 | S1 | Yes |
| TS | 22.101 | Service aspects; Service principles | S1 | Yes |

| Type | Number | Title | Group | For publication? |
|------|--------|---|-------|------------------|
| TS | 22.105 | Services and service capabilities | S1 | Yes |
| TS | 22.115 | Service aspects; Charging and billing | S1 | Yes |
| TS | 22.127 | Service requirement for the Open Services Access (OSA); 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 |
| TS | 22.141 | Presence service; Stage 1 | S1 | Yes |
| TS | 22.146 | Multimedia Broadcast/Multicast Service (MBMS); Stage 1 | S1 | Yes |
| TS | 22.153 | Multimedia priority service | S1 | Yes |
| TS | 22.173 | IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services; Stage 1 | S1 | Yes |
| TS | 22.174 | Push service; Stage 1 | S1 | Yes |
| TS | 22.182 | Customized Alerting Tone (CAT) requirements; Stage 1 | S1 | Yes |
| TS | 22.226 | Global text telephony (GTT); Stage 1: Service description | S1 | Yes |
| TS | 22.228 | Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1 | S1 | Yes |
| TS | 22.233 | Transparent end-to-end packet-switched streaming service; Stage 1 | S1 | Yes |
| TS | 22.234 | Requirements on 3GPP system to Wireless Local Area Network (WLAN) interworking | S1 | Yes |
| TS | 22.240 | Service requirements for 3GPP Generic User Profile (GUP); Stage 1 | S1 | Yes |
| TS | 22.242 | Digital Rights Management (DRM); Stage 1 | S1 | Yes |
| TS | 22.243 | Speech recognition framework for automated voice services; Stage 1 | S1 | Yes |
| TS | 22.246 | Multimedia Broadcast/Multicast Service (MBMS) user services; Stage 1 | S1 | Yes |
| TS | 22.250 | IP Multimedia Subsystem (IMS) Group Management; Stage 1 | S1 | Yes |
| TS | 22.259 | Service requirements for Personal Network Management (PNM); Stage 1 | S1 | Yes |
| TS | 22.278 | Service requirements for the Evolved Packet System (EPS) | S1 | Yes |
| TS | 22.279 | Combined Circuit Switched (CS) and IP Multimedia Subsystem (IMS) sessions; Stage 1 | S1 | Yes |
| TS | 22.340 | IP Multimedia Subsystem (IMS) messaging; Stage 1 | S1 | Yes |
| TR | 22.903 | Study on Videotelephony teleservice | S1 | Yes |
| TR | 22.908 | Study on Paging Permission with Access Control (PPAC) | S1 | Yes |
| TR | 22.934 | Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking | S1 | Yes |
| TR | 22.935 | Feasibility study on Location Services (LCS) for Wireless Local Area Network (WLAN) interworking | S1 | Yes |
| TR | 22.936 | Multi-system terminals | S1 | Yes |
| TR | 22.937 | Requirements for service continuity between mobile and Wireless Local Area Network (WLAN) networks | S1 | Yes |
| TR | 22.940 | IP Multimedia Subsystem (IMS) messaging; Stage 1 | S1 | Yes |
| TR | 22.942 | Study on Value Added Services (VAS) for Short Message Service (SMS) | S1 | Yes |
| TR | 22.944 | Report on service requirements for UE functionality split | S1 | Yes |
| TR | 22.947 | Study on Personal Broadcast Service | S1 | Yes |
| TR | 22.948 | Study of requirements of IP-Multimedia Subsystem (IMS) convergent multimedia conferencing | S1 | Yes |
| TR | 22.949 | Study on a generalized privacy capability | S1 | Yes |
| TR | 22.950 | Priority service feasibility study | S1 | Yes |
| TR | 22.951 | Service aspects and requirements for network sharing | S1 | Yes |
| TR | 22.952 | Priority service guide | S1 | Yes |
| TR | 22.953 | Multimedia priority service feasibility study | S1 | Yes |
| TR | 22.967 | Transferring of emergency call data | S1 | Yes |
| TR | 22.968 | Study for requirements for a Public Warning System (PWS) service | S1 | Yes |
| TR | 22.973 | IMS Multimedia Telephony service; and supplementary services | S1 | Yes |
| TR | 22.977 | Feasibility study for speech-enabled services | S1 | Yes |

| Type | Number | Title | Group | For publication? |
|------|--------|--|-------|------------------|
| TR | 22.978 | All-IP network (AIPN) feasibility study | S1 | Yes |
| TR | 22.979 | Feasibility study on combined Circuit Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions | S1 | Yes |
| TR | 22.980 | Network composition feasibility study | S1 | Yes |
| TR | 22.982 | Study of Customized Alerting Tone (CAT) requirements | S1 | Yes |
| TR | 22.983 | Services alignment and migration | S1 | Yes |
| TS | 23.002 | Network architecture | S2 | Yes |
| TS | 23.008 | Organization of subscriber data | C4 | Yes |
| TS | 23.038 | Alphabets and language-specific information | C1 | Yes |
| TS | 23.042 | Compression algorithm for text messaging services | C1 | Yes |
| TS | 23.107 | Quality of Service (QoS) concept and architecture | S2 | Yes |
| TS | 23.110 | Universal Mobile Telecommunications System (UMTS) access stratum; Services and functions | S2 | Yes |
| TS | 23.119 | Gateway Location Register (GLR); Stage2 | C4 | Yes |
| TS | 23.135 | Multicall supplementary service; Stage 2 | C4 | Yes |
| TS | 23.141 | Presence service; Architecture and functional description; Stage 2 | S2 | Yes |
| TS | 23.142 | Value-added Services for SMS (VAS4SMS); Interface and signalling flow | C4 | Yes |
| TS | 23.167 | IP Multimedia Subsystem (IMS) emergency sessions | S2 | Yes |
| TS | 23.198 | Open Service Access (OSA); Stage 2 | CP | Yes |
| TS | 23.203 | Policy and charging control architecture | S2 | Yes |
| TS | 23.204 | Support of Short Message Service (SMS) over generic 3GPP Internet Protocol (IP) access; Stage 2 | S2 | Yes |
| TS | 23.207 | End-to-end Quality of Service (QoS) concept and architecture | S2 | Yes |
| TS | 23.216 | Single Radio Voice Call Continuity (SRVCC); Stage 2 | S2 | Yes |
| TS | 23.218 | IP Multimedia (IM) session handling; IM call model; Stage 2 | C1 | Yes |
| TS | 23.221 | Architectural requirements | S2 | Yes |
| TS | 23.226 | Global text telephony (GTT); Stage 2 | S2 | Yes |
| TS | 23.228 | IP Multimedia Subsystem (IMS); Stage 2 | S2 | Yes |
| TS | 23.234 | 3GPP system to Wireless Local Area Network (WLAN) interworking; System description | S2 | Yes |
| TS | 23.236 | Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes | S2 | Yes |
| TS | 23.237 | IP Multimedia Subsystem (IMS) Service Continuity; Stage 2 | S2 | Yes |
| TS | 23.240 | 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2) | S2 | Yes |
| TS | 23.246 | Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description | S2 | Yes |
| TS | 23.251 | Network sharing; Architecture and functional description | S2 | Yes |
| TS | 23.259 | Personal Network Management (PNM); Procedures and information flows | C1 | Yes |
| TS | 23.271 | Functional stage 2 description of Location Services (LCS) | S2 | Yes |
| TS | 23.272 | Circuit Switched (CS) fallback in Evolved Packet System (EPS); Stage 2 | S2 | Yes |
| TS | 23.279 | Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services; Stage 2 | S2 | Yes |
| TS | 23.292 | IP Multimedia System (IMS) centralized services; Stage 2 | S2 | Yes |
| TS | 23.327 | Mobility between 3GPP-Wireless Local Area Network (WLAN) interworking and 3GPP systems | S2 | Yes |
| TS | 23.333 | Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Procedures descriptions | C4 | Yes |
| TS | 23.334 | IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) interface: Procedures descriptions | C4 | Yes |
| TS | 23.335 | User Data Convergence (UDC); Technical realization and information flows | C4 | Yes |
| TS | 23.380 | IMS Restoration Procedures | C4 | Yes |
| TS | 23.401 | General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access | S2 | Yes |
| TS | 23.402 | Architecture enhancements for non-3GPP accesses | S2 | Yes |

| Type | Number | Title | Group | For publication? |
|------|--------|--|-------|------------------|
| TR | 23.820 | Study of IMS restoration procedures | C4 | No |
| TR | 23.830 | Architecture aspects of Home Node B (HNB) / Home enhanced Node B (HeNB) | S2 | No |
| TR | 23.903 | Redial solution for voice-video switching | S2 | Yes |
| TR | 23.919 | Direct tunnel deployment guideline | S2 | Yes |
| TR | 23.976 | Push architecture | S2 | Yes |
| TR | 23.979 | 3GPP enablers for Open Mobile Alliance (OMA) Push-to-talk over Cellular (PoC) services; Stage 2 | S2 | Yes |
| TR | 23.981 | Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations | S2 | Yes |
| TS | 24.007 | Mobile radio interface signalling layer 3; General Aspects | C1 | Yes |
| TS | 24.008 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | C1 | Yes |
| TS | 24.010 | Mobile radio interface layer 3; Supplementary services specification; General aspects | C4 | Yes |
| TS | 24.011 | Point-to-Point (PP) Short Message Service (SMS) support on mobile radio interface | C1 | Yes |
| TS | 24.030 | Location Services (LCS); Supplementary service operations; Stage 3 | C4 | Yes |
| TS | 24.067 | Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 | C4 | Yes |
| TS | 24.072 | Call Deflection (CD) supplementary service; Stage 3 | C4 | Yes |
| TS | 24.080 | Mobile radio Layer 3 supplementary service specification; Formats and coding | C4 | Yes |
| TS | 24.081 | Line Identification supplementary services; Stage 3 | C4 | Yes |
| TS | 24.082 | Call Forwarding (CF) supplementary services; Stage 3 | C4 | Yes |
| TS | 24.083 | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 3 | C4 | Yes |
| TS | 24.084 | MultiParty (MPTY) supplementary service; Stage 3 | C4 | Yes |
| TS | 24.085 | Closed User Group (CUG) supplementary service; Stage 3 | C4 | Yes |
| TS | 24.086 | Advice of Charge (AoC) supplementary services; Stage 3 | C4 | Yes |
| TS | 24.087 | User-to-User Signalling (UUS); Stage 3 | C4 | Yes |
| TS | 24.088 | Call Barring (CB) supplementary service; Stage 3 | C4 | Yes |
| TS | 24.090 | Unstructured Supplementary Service Data (USSD); Stage 3 | C4 | Yes |
| TS | 24.091 | Explicit Call Transfer (ECT) supplementary service; Stage 3 | C4 | Yes |
| TS | 24.093 | Call Completion to Busy Subscriber (CCBS); Stage 3 | C4 | Yes |
| TS | 24.096 | Name Identification supplementary services; Stage 3 | C4 | Yes |
| TS | 24.109 | Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details | C1 | Yes |
| TS | 24.135 | Multicall supplementary service; Stage 3 | C4 | Yes |
| TS | 24.141 | Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 | C1 | Yes |
| TS | 24.147 | Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 | C1 | Yes |
| TS | 24.166 | 3GPP IP Multimedia Subsystem (IMS) conferencing Management Object (MO) | C1 | Yes |
| TS | 24.167 | 3GPP IMS Management Object (MO); Stage 3 | C1 | Yes |
| TS | 24.171 | NAS Signalling for Control Plane LCS in Evolved Packet System (EPS) | C4 | Yes |
| TS | 24.173 | IMS Multimedia telephony service and supplementary services; Stage 3 | C1 | Yes |
| TS | 24.182 | IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT); Protocol specification | C1 | Yes |
| TS | 24.216 | Communication Continuity Management Object (MO) | C1 | Yes |
| TS | 24.229 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | C1 | Yes |
| TS | 24.234 | 3GPP system to Wireless Local Area Network (WLAN) interworking; WLAN User Equipment (WLAN UE) to network protocols; Stage 3 | C1 | Yes |
| TS | 24.237 | IP Multimedia Subsystem (IMS) Service Continuity; Stage 3 | C1 | Yes |
| TS | 24.238 | Session Initiation Protocol (SIP) based user configuration; Stage 3 | C1 | Yes |
| TS | 24.239 | Flexible Alerting (FA) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes |
| TS | 24.247 | Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem; | C1 | Yes |

| Type | Number | Title | Group | For publication? |
|------|--------|--|-------|------------------|
| | | Stage 3 | | |
| TS | 24.259 | Personal Network Management (PNM); Stage 3 | C1 | Yes |
| TS | 24.279 | Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services; Stage 3 | C1 | Yes |
| TS | 24.285 | Allowed Closed Subscriber Group (CSG) list; Management Object (MO) | C1 | Yes |
| TS | 24.286 | IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS) Management Object (MO) | C1 | Yes |
| TS | 24.292 | IP Multimedia Core Network subsystem Centralized Services; Stage 3 | C1 | Yes |
| TS | 24.294 | IP Multimedia Subsystem (IMS) Centralized Services (ICS) protocol via I1 interface | C1 | Yes |
| TS | 24.301 | Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3 | C1 | Yes |
| TS | 24.302 | Access to the Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 | C1 | Yes |
| TS | 24.303 | Mobility management based on Dual-Stack Mobile IPv6; Stage 3 | C1 | Yes |
| TS | 24.304 | Mobility management based on Mobile IPv4; User Equipment (UE) - foreign agent interface; Stage 3 | C1 | Yes |
| TS | 24.305 | Selective Disabling of UE Capabilities (SDoUE) Management Object (MO) | C1 | Yes |
| TS | 24.312 | Access Network Discovery and Selection Function (ANDSF) Management Object (MO) | C1 | Yes |
| TS | 24.323 | 3GPP IP Multimedia Subsystem (IMS) service level tracing management object (MO) | C1 | Yes |
| TS | 24.341 | Support of SMS over IP networks; Stage 3 | C1 | Yes |
| TS | 24.604 | Communication Diversion (CDIV) using IP Multimedia (IM)Core Network (CN) subsystem; Protocol specification | C1 | Yes |
| TS | 24.605 | Conference (CONF) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes |
| TS | 24.606 | Message Waiting Indication (MWI)using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes |
| TS | 24.607 | Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes |
| TS | 24.608 | Terminating Identification Presentation (TIP) and Terminating Identification Restriction (TIR)using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes |
| TS | 24.610 | Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes |
| TS | 24.611 | Anonymous Communication Rejection (ACR) and Communication Barring (CB)using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes |
| TS | 24.615 | Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol Specification | C1 | Yes |
| TS | 24.616 | Malicious Communication Identification (MCID)using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes |
| TS | 24.623 | Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Simulation Services | C1 | Yes |
| TS | 24.628 | Common Basic Communication procedures using IP Multimedia (IM)Core Network (CN) subsystem; Protocol specification | C1 | Yes |
| TS | 24.629 | Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes |
| TS | 24.642 | Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM)Core Network (CN) subsystem; Protocol Specification | C1 | Yes |
| TS | 24.647 | Advice Of Charge (AOC) using IP Multimedia (IM)Core Network (CN) subsystem; Protocol Specification | C1 | Yes |
| TS | 24.654 | Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem, Protocol Specification | C1 | Yes |
| TR | 24.930 | Signalling flows for the session setup in the IP Multimedia core network | C1 | Yes |

| Type | Number | Title | Group | For publication? |
|------|--------|---|-------|------------------|
| | | Subsystem (IMS) based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | | |
| TR | 25.913 | Requirements for Evolved UTRA (E-UTRA) and Evolved UTRAN (E-UTRAN) | RP | Yes |
| TS | 26.071 | Mandatory speech CODEC speech processing functions; AMR speech Codec; General description | S4 | Yes |
| TS | 26.073 | ANSI C code for the Adaptive Multi Rate (AMR) speech codec | S4 | Yes |
| TS | 26.074 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec test sequences | S4 | Yes |
| TS | 26.077 | Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder | S4 | Yes |
| TS | 26.090 | Mandatory Speech Codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Transcoding functions | S4 | Yes |
| TS | 26.091 | Mandatory Speech Codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Error concealment of lost frames | S4 | Yes |
| TS | 26.092 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Comfort noise aspects | S4 | Yes |
| TS | 26.093 | Mandatory speech codec speech processing functions Adaptive Multi-Rate (AMR) speech codec; Source controlled rate operation | S4 | Yes |
| TS | 26.094 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Voice Activity Detector (VAD) | S4 | Yes |
| TS | 26.101 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure | S4 | Yes |
| TS | 26.102 | Mandatory speech codec; Adaptive Multi-Rate (AMR) speech codec; Interface to Iu, Uu and Nb | S4 | Yes |
| TS | 26.104 | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec | S4 | Yes |
| TS | 26.114 | IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction | S4 | Yes |
| TS | 26.115 | Echo control for speech and multimedia services | S4 | Yes |
| TS | 26.131 | Terminal acoustic characteristics for telephony; Requirements | S4 | Yes |
| TS | 26.132 | Speech and video telephony terminal acoustic test specification | S4 | Yes |
| TS | 26.140 | Multimedia Messaging Service (MMS); Media formats and codes | S4 | Yes |
| TS | 26.141 | IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs | S4 | Yes |
| TS | 26.142 | Dynamic and Interactive Multimedia Scenes (DIMS) | S4 | Yes |
| TS | 26.150 | Syndicated Feed Reception (SFR) within 3GPP environments; Protocols and codecs | S4 | Yes |
| TS | 26.171 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; General description | S4 | Yes |
| TS | 26.173 | ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-WB) speech codec | S4 | Yes |
| TS | 26.174 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec test sequences | S4 | Yes |
| TS | 26.177 | Speech Enabled Services (SES); Distributed Speech Recognition (DSR) extended advanced front-end test sequences | S4 | Yes |
| TS | 26.190 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Transcoding functions | S4 | Yes |
| TS | 26.191 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Error concealment of erroneous or lost frames | S4 | Yes |
| TS | 26.192 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Comfort noise aspects | S4 | Yes |
| TS | 26.193 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Source controlled rate operation | S4 | Yes |
| TS | 26.194 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Voice Activity Detector (VAD) | S4 | Yes |
| TS | 26.201 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Frame structure | S4 | Yes |
| TS | 26.202 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Interface to Iu, Uu and Nb | S4 | Yes |

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| TS | 26.204 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; ANSI-C code | S4 | Yes |
| TS | 26.233 | End-to-end transparent streaming service; General description | S4 | Yes |
| TS | 26.234 | Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs | S4 | Yes |
| TS | 26.235 | Packet switched conversational multimedia applications; Default codecs | S4 | Yes |
| TS | 26.236 | Packet switched conversational multimedia applications; Transport protocols | S4 | Yes |
| TS | 26.237 | IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service; Protocols | S4 | Yes |
| TS | 26.243 | ANSI C code for the fixed-point distributed speech recognition extended advanced front-end | S4 | Yes |
| TS | 26.244 | Transparent end-to-end packet switched streaming service (PSS); 3GPP file format (3GP) | S4 | Yes |
| TS | 26.245 | Transparent end-to-end Packet switched Streaming Service (PSS); Timed text format | S4 | Yes |
| TS | 26.246 | Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile | S4 | Yes |
| TS | 26.273 | ANSI-C code for the fixed-point Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec | S4 | Yes |
| TS | 26.274 | Speech codec speech processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec; Conformance testing | S4 | Yes |
| TS | 26.290 | Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Transcoding functions | S4 | Yes |
| TS | 26.304 | Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Floating-point ANSI-C code | S4 | Yes |
| TS | 26.401 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; General description | S4 | Yes |
| TS | 26.402 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Additional decoder tools | S4 | Yes |
| TS | 26.403 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Advanced Audio Coding (AAC) part | S4 | Yes |
| TS | 26.404 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Spectral Band Replication (SBR) part | S4 | Yes |
| TS | 26.405 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Parametric stereo part | S4 | Yes |
| TS | 26.406 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Conformance testing | S4 | Yes |
| TS | 26.410 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Floating-point ANSI-C code | S4 | Yes |
| TS | 26.411 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Fixed-point ANSI-C code | S4 | Yes |
| TS | 26.412 | General audio codec audio processing functions; Source code for 3GP file format | S4 | Yes |
| TR | 26.902 | Video codec performance | S4 | Yes |
| TR | 26.903 | Improved video support for Packet Switched Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) Services | S4 | Yes |
| TR | 26.914 | Multimedia telephony over IP Multimedia Subsystem (IMS); Optimization opportunities | S4 | Yes |
| TR | 26.935 | Packet Switched (PS) conversational multimedia applications; Performance characterization of default codecs | S4 | Yes |
| TR | 26.936 | Performance characterization of 3GPP audio codecs | S4 | Yes |
| TR | 26.937 | Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model | S4 | Yes |
| TR | 26.943 | Recognition performance evaluations of codecs for Speech Enabled Services (SES) | S4 | Yes |
| TR | 26.975 | Performance characterization of the Adaptive Multi-Rate (AMR) speech codec | S4 | Yes |
| TR | 26.976 | Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec | S4 | Yes |

| Type | Number | Title | Group | For publication? |
|------|-------------|--|-------|------------------|
| TR | 26.978 | Results of the Adaptive Multi-Rate (AMR) noise suppression selection phase | S4 | Yes |
| TS | 27.001 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | C3 | Yes |
| TS | 27.002 | Terminal Adaptation Functions (TAF) for services using asynchronous bearer capabilities | C3 | Yes |
| TS | 27.003 | Terminal Adaptation Functions (TAF) for services using synchronous bearer capabilities | C3 | 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) | C1 | Yes |
| TS | 27.007 | AT command set for User Equipment (UE) | C1 | Yes |
| TS | 27.010 | Terminal Equipment to User Equipment (TE-UE) multiplexer protocol | C3 | Yes |
| TS | 27.060 | Packet domain; Mobile Station (MS) supporting Packet Switched services | C3 | Yes |
| TS | 28.062 | Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3 | S4 | Yes |
| TS | 29.061 | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) | C3 | Yes |
| TS | 29.108 | Application of the Radio Access Network Application Part (RANAP) on the E-interface | R3 | Yes |
| TS | 29.109 | Generic Authentication Architecture (GAA); Zh and Zn Interfaces based on the Diameter protocol; Stage 3 | C4 | Yes |
| TS | 29.118 | Mobility Management Entity (MME) - Visitor Location Register (VLR) SGs interface specification | C1 | Yes |
| TS | 29.161 | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services with Wireless Local Area Network (WLAN) access and Packet data Networks (PDNs) | C3 | Yes |
| TS | 29.162 | Interworking between the IM CN subsystem and IP networks | C3 | Yes |
| TS | 29.163 | Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks | C3 | Yes |
| TS | 29.165 | Inter-IMS Network to Network Interface (NNI) | C3 | Yes |
| TS | 29.168 | Cell Broadcast Centre interfaces with the Evolved Packet Core; Stage 3 | C4 | Yes |
| TS | 29.198-01 | Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview | CP | Yes |
| TS | 29.198-02 | Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data definitions | CP | Yes |
| TS | 29.198-03 | Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework | CP | Yes |
| TS | 29.198-04-1 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Call control common definitions | CP | Yes |
| TS | 29.198-04-2 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control Service Capability Feature (SCF) | CP | Yes |
| TS | 29.198-04-3 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control Service Capability Feature (SCF) | CP | 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) | CP | Yes |
| TS | 29.198-04-5 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 5: Conference call control Service Capability Feature (SCF) | CP | Yes |
| TS | 29.198-05 | Open Service Access (OSA) Application Programming Interface (API); Part 5: User interaction Service Capability Feature (SCF) | CP | Yes |
| TS | 29.198-06 | Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility Service Capability Feature (SCF) | CP | Yes |
| TS | 29.198-07 | Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities Service Capability Feature (SCF) | CP | Yes |
| TS | 29.198-08 | Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control Service Capability Feature (SCF) | CP | Yes |
| TS | 29.198-10 | Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager Service Capability Feature (SCF) | CP | Yes |
| TS | 29.198- | Open Service Access (OSA) Application Programming Interface (API); Part 11: | CP | Yes |

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|------|-----------|---|-------|------------------|
| | 11 | Account management Service Capability Feature (SCF) | | |
| TS | 29.198-12 | Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging Service Capability Feature (SCF) | CP | Yes |
| TS | 29.198-13 | Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management Service Capability Feature (SCF) | CP | Yes |
| TS | 29.198-14 | Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM) Service Capability Feature (SCF) | CP | Yes |
| TS | 29.198-15 | Open Service Access (OSA) Application Programming Interface (API); Part 15: Multi-media Messaging (MM) Service Capability Feature (SCF) | CP | Yes |
| TS | 29.198-16 | Open Service Access (OSA) Application Programming Interface (API); Part 16: Service broker Service Capability Feature (SCF) | CP | Yes |
| TS | 29.199-01 | Open Service Access (OSA); Parlay X web services; Part 1: Common | CP | Yes |
| TS | 29.199-02 | Open Service Access (OSA); Parlay X web services; Part 2: Third party call | CP | Yes |
| TS | 29.199-03 | Open Service Access (OSA); Parlay X web services; Part 3: Call notification | CP | Yes |
| TS | 29.199-04 | Open Service Access (OSA); Parlay X web services; Part 4: Short messaging | CP | Yes |
| TS | 29.199-05 | Open Service Access (OSA); Parlay X web services; Part 5: Multimedia messaging | CP | Yes |
| TS | 29.199-06 | Open Service Access (OSA); Parlay X web services; Part 6: Payment | CP | Yes |
| TS | 29.199-07 | Open Service Access (OSA); Parlay X web services; Part 7: Account management | CP | Yes |
| TS | 29.199-08 | Open Service Access (OSA); Parlay X web services; Part 8: Terminal status | CP | Yes |
| TS | 29.199-09 | Open Service Access (OSA); Parlay X web services; Part 9: Terminal location | CP | Yes |
| TS | 29.199-10 | Open Service Access (OSA); Parlay X web services; Part 10: Call handling | CP | Yes |
| TS | 29.199-11 | Open Service Access (OSA); Parlay X web services; Part 11: Audio call | CP | Yes |
| TS | 29.199-12 | Open Service Access (OSA); Parlay X web services; Part 12: Multimedia conference | CP | Yes |
| TS | 29.199-13 | Open Service Access (OSA); Parlay X web services; Part 13: Address list management | CP | Yes |
| TS | 29.199-14 | Open Service Access (OSA); Parlay X web services; Part 14: Presence | CP | Yes |
| TS | 29.199-15 | Open Service Access (OSA); Parlay X web services; Part 15: Message broadcast | CP | Yes |
| TS | 29.199-16 | Open Service Access (OSA); Parlay X web services; Part 16: Geocoding | CP | Yes |
| TS | 29.199-17 | Open Service Access (OSA); Parlay X web services; Part 17: Application-driven Quality of Service (QoS) | CP | Yes |
| TS | 29.199-18 | Open Service Access (OSA); Parlay X web services; Part 18: Device capabilities and configuration | CP | Yes |
| TS | 29.199-19 | Open Service Access (OSA); Parlay X web services; Part 19: Multimedia streaming control | CP | Yes |
| TS | 29.199-20 | Open Service Access (OSA); Parlay X web services; Part 20: Multimedia multicast session management | CP | Yes |
| TS | 29.199-21 | Open Service Access (OSA); Parlay X web services; Part 21: Content management | CP | Yes |
| TS | 29.199-22 | Open Service Access (OSA); Parlay X web services; Part 22: Policy | CP | Yes |
| TS | 29.202 | Signalling System No. 7 (SS7) signalling transport in core network; Stage 3 | C4 | Yes |
| TS | 29.204 | Signalling System No. 7 (SS7) security gateway; Architecture, functional | C4 | Yes |

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|------|--------|--|-------|------------------|
| | | description and protocol details | | |
| TS | 29.212 | Policy and charging control over Gx reference point | C3 | Yes |
| TS | 29.213 | Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping | C3 | Yes |
| TS | 29.214 | Policy and charging control over Rx reference point | C3 | Yes |
| TS | 29.215 | Policy and Charging Control (PCC) over S9 reference point | C3 | Yes |
| TS | 29.228 | IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents | C4 | Yes |
| TS | 29.229 | Cx and Dx interfaces based on the Diameter protocol; Protocol details | C4 | Yes |
| TS | 29.230 | Diameter applications; 3GPP specific codes and identifiers | C4 | Yes |
| TS | 29.231 | Application of SIP-I Protocols to Circuit Switched (CS) core network architecture; Stage 3 | C4 | Yes |
| TS | 29.232 | Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3 | C4 | Yes |
| TS | 29.234 | 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3 | C4 | Yes |
| TS | 29.235 | Interworking between SIP-I based circuit-switched core network and other networks | C3 | Yes |
| TS | 29.238 | Interconnection Border Control Functions (IBCF) - Transition Gateway (TrGW) interface; Ix interface; Stage 3 | C4 | Yes |
| TS | 29.240 | 3GPP Generic User Profile (GUP); Stage 3; Network | C4 | Yes |
| TS | 29.272 | Evolved Packet System (EPS); Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol | C4 | Yes |
| TS | 29.273 | Evolved Packet System (EPS); 3GPP EPS AAA interfaces | C4 | Yes |
| TS | 29.274 | 3GPP Evolved Packet System (EPS); Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C); Stage 3 | C4 | Yes |
| TS | 29.275 | Proxy Mobile IPv6 (PMIPv6) based Mobility and Tunnelling protocols; Stage 3 | C4 | Yes |
| TS | 29.276 | Optimized Handover Procedures and Protocols between EUTRAN Access and cdma2000 HRPD Access | C4 | Yes |
| TS | 29.277 | Optimized Handover Procedures and Protocols between EUTRAN Access and 1xRTT Access | C4 | Yes |
| TS | 29.279 | Mobile IPv4 (MIPv4) based mobility protocols; Stage 3 | C4 | Yes |
| TS | 29.280 | Evolved Packet System (EPS); 3GPP Sv interface (MME to MSC, and SGSN to MSC) for SRVCC | C4 | Yes |
| TS | 29.281 | General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) | C4 | Yes |
| TS | 29.282 | Mobile IPv6 vendor specific option format and usage within 3GPP | C4 | Yes |
| TS | 29.292 | Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS) | C3 | Yes |
| TS | 29.303 | Domain Name System Procedures; Stage 3 | C4 | Yes |
| TS | 29.305 | InterWorking Function (IWF) between MAP based and Diameter based interfaces | C4 | Yes |
| TS | 29.311 | Service Level Interworking for Messaging Services | C3 | Yes |
| TS | 29.328 | IP Multimedia Subsystem (IMS) Sh interface; Signalling flows and message contents | C4 | Yes |
| TS | 29.329 | Sh interface based on the Diameter protocol; Protocol details | C4 | Yes |
| TS | 29.332 | Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW); Mn interface | C4 | Yes |
| TS | 29.333 | Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3 | C4 | Yes |
| TS | 29.334 | IMS Application Level Gateway Control Function (ALGCF) - IMS Access Media Gateway (IMA-MGW); Iq Interface; Stage 3 | C4 | Yes |
| TS | 29.335 | User Data Convergence - Protocol Specification for the Ud interface (stage 3) | C4 | Yes |
| TS | 29.364 | IP Multimedia Subsystem (IMS) Application Server (AS) service data descriptions for AS interoperability | C4 | Yes |
| TS | 29.414 | Core network Nb data transport and transport signalling | C3 | Yes |
| TS | 29.415 | Core network Nb interface user plane protocols | C3 | Yes |
| TS | 29.658 | TISPAN; SIP Transfer of IP Multimedia Service Tariff Information; Protocol | C3 | Yes |

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| | | specification | | |
| TR | 29.875 | Interworking Proxy between GTP based and PMIP based interfaces | C4 | No |
| TR | 29.909 | Diameter-based protocols usage and recommendations in 3GPP | C3 | Yes |
| TR | 29.994 | Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults | C1 | Yes |
| TR | 29.998-01 | Open Service Access (OSA); Application Programming Interface (API) mapping for OSA; Part 1: General issues on API mapping | CP | 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 | CP | 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 | CP | 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 | CP | 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 | CP | Yes |
| TR | 29.998-06-1 | Open Service Access (OSA); Application Programming Interface (API) Mapping for Open Service Access; Part 6: User location - user status service mapping; Subpart 1: Mapping to Mobile Application Part (MAP) | CP | Yes |
| TR | 29.998-06-2 | Open Service Access (OSA); Application Programming Interface (API) Mapping for Open Service Access; Part 6: User location - user status service mapping; Subpart 2: Mapping to Session Initiation Protocol (SIP) | CP | 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 | CP | Yes |
| TS | 31.101 | UICC-terminal interface; Physical and logical characteristics | C6 | Yes |
| TS | 31.102 | Characteristics of the Universal Subscriber Identity Module (USIM) application | C6 | Yes |
| TS | 31.103 | Characteristics of the IP Multimedia Services Identity Module (ISIM) application | C6 | Yes |
| TS | 31.111 | Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) | C6 | Yes |
| TS | 31.115 | Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications | C6 | Yes |
| TS | 31.116 | Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications | C6 | Yes |
| TS | 31.120 | UICC-terminal interface; Physical, electrical and logical test specification | C6 | Yes |
| TS | 31.121 | UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification | C6 | Yes |
| TS | 31.122 | Universal Subscriber Identity Module (USIM) conformance test specification | C6 | Yes |
| TS | 31.124 | Mobile Equipment (ME) conformance test specification; Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification | C6 | Yes |
| TS | 31.130 | (U)SIM Application Programming Interface (API); (U)SIM API for Java Card | C6 | Yes |
| TS | 31.131 | C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API | C6 | Yes |
| TS | 31.133 | IP Multimedia Services Identity Module (ISIM) Application Programming Interface (API); ISIM API for Java Card™ | C6 | Yes |
| TS | 31.213 | Test specification for subscriber (U)SIM; Application Programming Interface (API) for Java Card™ | C6 | Yes |
| TS | 31.220 | Characteristics of the Contact Manager for 3GPP UICC applications | C6 | Yes |
| TS | 31.221 | Contact Manager Application Programming Interface (API); Contact Manager API for Java Card | C6 | Yes |
| TS | 31.320 | Contact Manager for 3GPP UICC applications test specifications | C6 | Yes |
| TS | 31.321 | Contact Manager API for Java™ Card test specification | C6 | Yes |
| TR | 31.900 | SIM/USIM internal and external interworking aspects | C6 | Yes |
| TS | 32.101 | Telecommunication management; Principles and high level requirements | S5 | Yes |
| TS | 32.102 | Telecommunication management; Architecture | S5 | Yes |
| TS | 32.111-1 | Telecommunication management; Fault Management; Part 1: 3G fault | S5 | Yes |

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| | | management requirements | | |
| TS | 32.111-2 | Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS) | 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 (SS) | S5 | Yes |
| TS | 32.111-5 | Telecommunication management; Fault Management; Part 5: Alarm Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions | S5 | Yes |
| TS | 32.111-7 | Telecommunication management; Fault Management; Part 7: Alarm IRP SOAP Solution Set (SS) | S5 | Yes |
| TS | 32.121 | Telecommunication management; Advanced Alarm Management (AAM) Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.122 | Telecommunication management; Advanced Alarm Management (AAM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.123 | Telecommunication management; Advanced Alarm Management (AAM) Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.125 | Telecommunication management; Advanced Alarm Management (AAM) Integration Reference Point (IRP) | S5 | Yes |
| TS | 32.140 | Telecommunication management; Subscription Management (SuM) requirements | S5 | Yes |
| TS | 32.141 | Telecommunication management; Subscription Management (SuM) architecture | S5 | Yes |
| TS | 32.150 | Telecommunication management; Integration Reference Point (IRP) Concept and definitions | S5 | Yes |
| TS | 32.151 | Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template | S5 | Yes |
| TS | 32.152 | Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire | S5 | Yes |
| TS | 32.153 | Telecommunication management; Integration Reference Point (IRP) technology specific templates, rules and guidelines | S5 | Yes |
| TS | 32.154 | Telecommunication management; Backward and Forward Compatibility (BFC); Concept and definitions | S5 | Yes |
| TS | 32.155 | Telecommunication management; Requirements template | S5 | Yes |
| TS | 32.171 | Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.172 | Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS) | S5 | Yes |
| TS | 32.175 | Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML) definition | S5 | Yes |
| TS | 32.240 | Telecommunication management; Charging management; Charging architecture and principles | S5 | Yes |
| TS | 32.251 | Telecommunication management; Charging management; Packet Switched (PS) domain charging | S5 | Yes |
| TS | 32.252 | Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging | S5 | Yes |
| TS | 32.260 | Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging | S5 | Yes |
| TS | 32.270 | Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging | S5 | Yes |
| TS | 32.271 | Telecommunication management; Charging management; Location Services (LCS) charging | S5 | Yes |
| TS | 32.272 | Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging | S5 | Yes |
| TS | 32.273 | Telecommunication management; Charging management; Multimedia Broadcast and Multicast Service (MBMS) charging | S5 | Yes |
| TS | 32.274 | Telecommunication management; Charging management; Short Message Service (SMS) charging | S5 | Yes |

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|------|--------|--|-------|------------------|
| TS | 32.275 | Telecommunication management; Charging management; MultiMedia Telephony (MMTel) charging | S5 | Yes |
| TS | 32.280 | Telecommunication management; Charging management; Advice of Charge (AoC) service | S5 | Yes |
| TS | 32.295 | Telecommunication management; Charging management; Charging Data Record (CDR) transfer | S5 | Yes |
| TS | 32.296 | Telecommunication management; Charging management; Online Charging System (OCS): Applications and interfaces | S5 | Yes |
| TS | 32.297 | Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer | S5 | Yes |
| TS | 32.299 | Telecommunication management; Charging management; Diameter charging applications | S5 | Yes |
| TS | 32.300 | Telecommunication management; Configuration Management (CM); Name convention for Managed Objects | S5 | Yes |
| TS | 32.301 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.302 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.303 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.305 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); eXtensible Markup Language (XML) definition | S5 | Yes |
| TS | 32.307 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); SOAP Solution Set (SS) | S5 | Yes |
| TS | 32.311 | Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements | S5 | Yes |
| TS | 32.312 | Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS) | S5 | Yes |
| TS | 32.313 | Telecommunication management; Generic Integration Reference Point (IRP) management; Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.317 | Telecommunication management; Generic Integration Reference Point (IRP) management; SOAP Solution Set (SS) | S5 | Yes |
| TS | 32.321 | Telecommunication management; Test management Integration Reference Point (IRP): Requirements | S5 | Yes |
| TS | 32.322 | Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS) | S5 | Yes |
| TS | 32.323 | Telecommunication management; Test management Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.325 | Telecommunication management; Test management Integration Reference Point (IRP); eXtensible Markup Language (XML) definitions | S5 | Yes |
| TS | 32.331 | Telecommunication management; Notification Log (NL) Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.332 | Telecommunication management; Notification Log (NL) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.333 | Telecommunication management; Notification Log (NL) Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.335 | Telecommunication management; Notification Log (NL) Integration Reference Point (IRP); eXtensible Markup Language (XML) solution definitions | S5 | Yes |
| TS | 32.337 | Telecommunication management; Notification Log (NL) Integration Reference Point (IRP); SOAP Solution Set (SS) | S5 | Yes |
| TS | 32.341 | Telecommunication management; File Transfer (FT) Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.342 | Telecommunication management; File Transfer (FT) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.343 | Telecommunication management; File Transfer (FT) Integration Reference Point | S5 | Yes |

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| | | (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | | |
| TS | 32.345 | Telecommunication management; File Transfer (FT) Integration Reference Point (IRP); eXtensible Markup Language (XML) definitions | S5 | Yes |
| TS | 32.347 | Telecommunication management; File Transfer (FT) Integration Reference Point (IRP); SOAP Solution Set (SS) | S5 | Yes |
| TS | 32.351 | Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.352 | Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.353 | Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.361 | Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.362 | Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.363 | Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.365 | Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); eXtensible Markup Language (XML) definitions | S5 | Yes |
| TS | 32.367 | Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); SOAP Solution Set (SS) | S5 | Yes |
| TS | 32.371 | Telecommunication management; Security Management concept and requirements | S5 | Yes |
| TS | 32.372 | Telecommunication management; Security services for Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.373 | Telecommunication management; Security services for Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution | S5 | Yes |
| TS | 32.375 | Telecommunication management; Security services for Integration Reference Point (IRP); File integrity solution | S5 | Yes |
| TS | 32.381 | Telecommunication management; Partial Suspension of Itf-N Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.382 | Telecommunication management; Partial Suspension of Itf-N Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.383 | Telecommunication management; Partial Suspension of Itf-N Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.385 | Telecommunication management; Partial Suspension of Itf-N Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition | S5 | Yes |
| TS | 32.391 | Telecommunication management; Delta synchronization Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.392 | Telecommunication management; Delta synchronization Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.393 | Telecommunication management; Delta synchronization Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.395 | Telecommunication management; Delta synchronization Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition | S5 | Yes |
| TS | 32.401 | Telecommunication management; Performance Management (PM); Concept and requirements | S5 | Yes |
| TS | 32.404 | Telecommunication management; Performance Management (PM); Performance measurements - Definitions and template | S5 | Yes |
| TS | 32.405 | Telecommunication management; Performance Management (PM); Performance measurements Universal Terrestrial Radio Access Network (UTRAN) | S5 | Yes |
| TS | 32.406 | Telecommunication management; Performance Management (PM); Performance measurements Core Network (CN) Packet Switched (PS) domain | S5 | Yes |
| TS | 32.408 | Telecommunication management; Performance Management (PM); Performance measurements Teleservice | S5 | Yes |

| Type | Number | Title | Group | For publication? |
|------|--------|---|-------|------------------|
| TS | 32.409 | Telecommunication management; Performance Management (PM); Performance measurements IP Multimedia Subsystem (IMS) | S5 | Yes |
| TS | 32.410 | Telecommunication management; Key Performance Indicators (KPI) for UMTS and GSM | S5 | Yes |
| TS | 32.411 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements | S5 | Yes |
| TS | 32.412 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS) | S5 | Yes |
| TS | 32.413 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.415 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); eXtensible Markup Language (XML) definitions | S5 | Yes |
| TS | 32.417 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); SOAP Solution Set (SS) | S5 | Yes |
| TS | 32.421 | Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements | S5 | Yes |
| TS | 32.422 | Telecommunication management; Subscriber and equipment trace; Trace control and configuration management | S5 | Yes |
| TS | 32.423 | Telecommunication management; Subscriber and equipment trace; Trace data definition and management | S5 | Yes |
| TS | 32.425 | Telecommunication management; Performance Management (PM); Performance measurements Evolved Universal Terrestrial Radio Access Network (E-UTRAN) | S5 | Yes |
| TS | 32.426 | Telecommunication management; Performance Management (PM); Performance measurements Evolved Packet Core (EPC) network | S5 | Yes |
| TS | 32.432 | Telecommunication management; Performance measurement: File format definition | S5 | Yes |
| TS | 32.435 | Telecommunication management; Performance measurement: eXtensible Markup Language (XML) file format definition | S5 | Yes |
| TS | 32.436 | Telecommunication management; Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition | S5 | Yes |
| TS | 32.441 | Telecommunication management; Trace Management Integration Reference Point (IRP): Requirements | S5 | Yes |
| TS | 32.442 | Telecommunication management; Trace Management Integration Reference Point (IRP): Information Service (IS) | S5 | Yes |
| TS | 32.443 | Telecommunication management; Trace Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.445 | Telecommunication management; Trace Management Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition | S5 | Yes |
| TS | 32.450 | Telecommunication management; Key Performance Indicators (KPI) for Evolved Universal Terrestrial Radio Access Network (E-UTRAN): Definitions | S5 | Yes |
| TS | 32.451 | Telecommunication management; Key Performance Indicators (KPI) for Evolved Universal Terrestrial Radio Access Network (E-UTRAN): Requirements | S5 | Yes |
| TS | 32.500 | Telecommunication management; Self-Organizing Networks (SON); Concepts and requirements | S5 | Yes |
| TS | 32.501 | Telecommunication management; Self-Configuration of Network Elements; Concepts and Integration Reference Point (IRP) Requirements | S5 | Yes |
| TS | 32.502 | Telecommunication management; Self-Configuration of Network Elements Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.503 | Telecommunication management; Self-Configuration of Network Elements Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.507 | Telecommunication management; Self Configuration of Network Elements Integration Reference Point (IRP); SOAP Solution Set (SS) | S5 | Yes |
| TS | 32.511 | Telecommunication management; Automatic Neighbour Relation (ANR) management; Concepts and requirements | S5 | Yes |
| TS | 32.521 | Telecommunication management; Self-Organizing Networks (SON); Self- | S5 | Yes |

| Type | Number | Title | Group | For publication? |
|------|--------|--|-------|------------------|
| | | optimization; Concepts and requirements | | |
| TS | 32.522 | Telecommunication management; Self-Organizing Networks (SON); Self-optimization; Stage 2 | S5 | Yes |
| TS | 32.523 | Telecommunication management; Self-Organizing Networks (SON); Self-optimization; Stage 3 | S5 | Yes |
| TS | 32.531 | Telecommunication management; Software management; Concepts and Integration Reference Point (IRP) Requirements | S5 | Yes |
| TS | 32.532 | Telecommunication management; Software management Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.533 | Telecommunication management; Software management Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.541 | Telecommunication management; Self-Organizing Networks (SON); Self-healing concepts and requirements | S5 | Yes |
| TS | 32.542 | Telecommunication management; Self-Organizing Networks (SON); Self-healing stage 2 | S5 | Yes |
| TS | 32.543 | Telecommunication management; Self-Organizing Networks (SON); Self-healing stage 3 | S5 | Yes |
| TS | 32.571 | Telecommunication management; Home Node B (HNB) and Home eNode B (HeNB) management; Type 2 interface concepts and requirements | S5 | Yes |
| TS | 32.572 | Telecommunication management; Home Node B (HNB) and Home eNode B (HeNB) management; Type 2 interface models and mapping functions | S5 | Yes |
| TS | 32.581 | Telecommunications management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Concepts and requirements for Type 1 interface HNB to HNB Management System (HMS) | S5 | Yes |
| TS | 32.582 | Telecommunications management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Information model for Type 1 interface HNB to HNB Management System (HMS) | S5 | Yes |
| TS | 32.583 | Telecommunications management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Procedure flows for Type 1 interface HNB to HNB Management System (HMS) | S5 | Yes |
| TS | 32.584 | Telecommunications management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); XML definitions for Type 1 interface HNB to HNB Management System (HMS) | S5 | Yes |
| TS | 32.591 | Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Concepts and requirements for Type 1 interface HeNB to HeNB Management System (HeMS) | S5 | Yes |
| TS | 32.592 | Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Information model for Type 1 interface HeNB to HeNB Management System (HeMS) | S5 | Yes |
| TS | 32.593 | Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Procedure flows for Type 1 interface HeNB to HeNB Management System (HeMS) | S5 | Yes |
| TS | 32.594 | Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); XML definitions for Type 1 interface HeNB to HeNB Management System (HeMS) | S5 | Yes |
| TS | 32.600 | Telecommunication management; Configuration Management (CM); Concept and high-level requirements | S5 | Yes |
| TS | 32.601 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.602 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.603 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.607 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); SOAP Solution Set (SS) | S5 | Yes |
| TS | 32.611 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements | S5 | Yes |

| Type | Number | Title | Group | For publication? |
|------|--------|---|-------|------------------|
| TS | 32.612 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS) | S5 | Yes |
| TS | 32.613 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.615 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition | S5 | Yes |
| TS | 32.617 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Bulk CM IRP SOAP Solution Set (SS) | S5 | Yes |
| TS | 32.621 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.622 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM) | S5 | Yes |
| TS | 32.623 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | 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 |
| TS | 32.631 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.632 | Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP); Network Resource Model (NRM) | S5 | Yes |
| TS | 32.633 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | 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 |
| TS | 32.661 | Telecommunication management; Configuration Management (CM); Kernel CM Requirements | S5 | Yes |
| TS | 32.662 | Telecommunication management; Configuration Management (CM); Kernel CM Information Service (IS) | S5 | Yes |
| TS | 32.663 | Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.665 | Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); eXtensible Markup Language (XML) definitions | S5 | Yes |
| TS | 32.667 | Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); SOAP Solution Set (SS) | S5 | Yes |
| TS | 32.671 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.672 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.673 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.675 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP); Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes |
| TS | 32.690 | Telecommunication management; Inventory Management (IM); Requirements | S5 | Yes |
| TS | 32.691 | Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.692 | Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP); Network Resource Model (NRM) | S5 | Yes |
| TS | 32.695 | Telecommunication management; Inventory Management (IM) network resources | S5 | Yes |

| Type | Number | Title | Group | For publication? |
|------|--------|---|-------|------------------|
| | | Integration Reference Point (IRP); Bulk Configuration Management (CM) eXtensible Markup Language (XML) file format definition | | |
| TS | 32.711 | Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.712 | Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.713 | Telecommunication management; Configuration Management (CM); Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.715 | Telecommunication management; Configuration Management (CM) Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP); Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes |
| TS | 32.721 | Telecommunication management; Configuration Management (CM); Repeater network resources Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.722 | Telecommunication management; Configuration Management (CM); Repeater network resources Integration Reference Point (IRP); information Service (IS) | S5 | Yes |
| TS | 32.723 | Telecommunication management; Configuration Management (CM); Repeater network resources Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.725 | Telecommunication management; Configuration Management (CM); Repeater network resources Integration Reference Point (IRP); Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes |
| TS | 32.731 | Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.732 | Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.733 | Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.735 | Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition | S5 | Yes |
| TS | 32.741 | Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.742 | Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes |
| TS | 32.743 | Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.745 | Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes |
| TS | 32.751 | Telecommunication management; Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.752 | Telecommunication management; Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS) | S5 | Yes |
| TS | 32.753 | Telecommunication management; Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.755 | Telecommunication management; Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes |

| Type | Number | Title | Group | For publication? |
|------|--------|--|-------|------------------|
| TS | 32.761 | Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes |
| TS | 32.762 | Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS) | S5 | Yes |
| TS | 32.763 | Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS) | S5 | Yes |
| TS | 32.765 | Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | S5 | Yes |
| TS | 33.102 | 3G security; Security architecture | 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 | 33.108 | 3G security; Handover interface for Lawful Interception (LI) | S3 | Yes |
| TS | 33.110 | Key establishment between a UICC and a terminal | S3 | Yes |
| TS | 33.141 | Presence service; Security | S3 | Yes |
| TS | 33.203 | 3G security; Access security for IP-based services | S3 | Yes |
| TS | 33.204 | 3G Security; Network Domain Security (NDS); Transaction Capabilities Application Part (TCAP) user security | S3 | Yes |
| TS | 33.210 | 3G security; Network Domain Security (NDS); IP network layer security | S3 | Yes |
| TS | 33.220 | Generic Authentication Architecture (GAA); Generic bootstrapping architecture | S3 | Yes |
| TS | 33.221 | Generic Authentication Architecture (GAA); Support for subscriber certificates | S3 | Yes |
| TS | 33.222 | Generic Authentication Architecture (GAA); Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS) | S3 | Yes |
| TS | 33.223 | Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) Push function | S3 | Yes |
| TS | 33.224 | Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) push layer | S3 | Yes |
| TS | 33.234 | 3G security; Wireless Local Area Network (WLAN) interworking security | S3 | Yes |
| TS | 33.246 | 3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS) | S3 | Yes |
| TS | 33.259 | Key establishment between a UICC hosting device and a remote device | S3 | Yes |
| TS | 33.310 | Network Domain Security (NDS); Authentication Framework (AF) | S3 | Yes |
| TS | 33.401 | 3GPP System Architecture Evolution (SAE); Security architecture | S3 | Yes |
| TS | 33.402 | 3GPP System Architecture Evolution (SAE); Security aspects of non-3GPP accesses | S3 | Yes |
| TR | 33.812 | Feasibility study on the security aspects of remote provisioning and change of subscription for Machine to Machine (M2M) equipment | S3 | No |
| TR | 33.821 | Rationale and track of security decisions in Long Term Evolution (LTE) RAN / 3GPP System Architecture Evolution (SAE) | S3 | No |
| TR | 33.828 | IP Multimedia Subsystem (IMS) media plane security | S3 | No |
| TR | 33.905 | Recommendations for Trusted Open Platforms | S3 | Yes |
| TR | 33.919 | 3G Security; Generic Authentication Architecture (GAA); System description | S3 | Yes |
| TR | 33.937 | Study of mechanisms for Protection against Unsolicited Communication for IMS (PUCI) | S3 | No |
| TR | 33.980 | Liberty Alliance and 3GPP security interworking; Interworking of Liberty Alliance Identity Federation Framework (ID-FF), Identity Web Services Framework (ID-WSF) and Generic Authentication Architecture (GAA) | S3 | Yes |
| TS | 34.108 | Common test environments for User Equipment (UE); Conformance testing | R5 | Yes |
| TS | 34.109 | Terminal logical test interface; Special conformance testing functions | R2 | Yes |
| TS | 34.114 | User Equipment (UE) / Mobile Station (MS) Over The Air (OTA) antenna performance; Conformance testing | R5 | Yes |

| Type | Number | Title | Group | For publication? |
|------|----------|---|-------|------------------|
| TS | 34.123-1 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | R5 | Yes |
| TS | 34.123-2 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | R5 | Yes |
| TS | 34.123-3 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | R5 | Yes |
| TS | 34.124 | Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment | R4 | Yes |
| TS | 34.131 | Test Specification for C-language binding to (Universal) Subscriber Interface Module ((U)SIM) Application Programming Interface (API) | C6 | Yes |
| TS | 34.171 | Terminal conformance specification; Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD) | R5 | Yes |
| TS | 34.229-1 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Part 1: Protocol conformance specification | R5 | Yes |
| TS | 34.229-2 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Part 2: Implementation Conformance Statement (ICS) specification | R5 | Yes |
| TS | 34.229-3 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Part 3: Abstract test suite (ATS) | R5 | Yes |
| TR | 34.926 | Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment | R4 | Yes |
| TS | 35.201 | Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specification | S3 | Yes |
| TS | 35.202 | Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| TS | 35.215 | Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 1: UEA2 and UIA2 specifications | S3 | Yes |
| TS | 35.216 | Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 2: SNOW 3G specification | S3 | Yes |
| TS | 35.217 | Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 3: Implementors' test data | S3 | Yes |
| TS | 35.218 | Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 4: Design conformance test data | S3 | 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 |
| TR | 35.919 | Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 5: Design and evaluation report | S3 | Yes |
| TS | 36.101 | Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception | R4 | Yes |
| TS | 36.104 | Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio | R4 | Yes |

| Type | Number | Title | Group | For publication? |
|------|--------|--|-------|------------------|
| | | transmission and reception | | |
| TS | 36.106 | Evolved Universal Terrestrial Radio Access (E-UTRA); FDD repeater radio transmission and reception | R4 | Yes |
| TS | 36.113 | Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) and repeater ElectroMagnetic Compatibility (EMC) | R4 | Yes |
| TS | 36.124 | Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment | R4 | Yes |
| TS | 36.133 | Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management | R4 | Yes |
| TS | 36.141 | Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing | R4 | Yes |
| TS | 36.143 | Evolved Universal Terrestrial Radio Access (E-UTRA); FDD repeater conformance testing | R4 | Yes |
| TS | 36.171 | Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) | R4 | Yes |
| TS | 36.201 | Evolved Universal Terrestrial Radio Access (E-UTRA); Long Term Evolution (LTE) physical layer; General description | R1 | Yes |
| TS | 36.211 | Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation | R1 | Yes |
| TS | 36.212 | Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding | R1 | Yes |
| TS | 36.213 | Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures | R1 | Yes |
| TS | 36.214 | Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer - Measurements | R1 | Yes |
| TS | 36.300 | Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2 | R2 | Yes |
| TS | 36.302 | Evolved Universal Terrestrial Radio Access (E-UTRA); Services provided by the physical layer | R2 | Yes |
| TS | 36.304 | Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode | R2 | Yes |
| TS | 36.305 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN | R2 | Yes |
| TS | 36.306 | Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities | R2 | Yes |
| TS | 36.307 | Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band | R4 | Yes |
| TS | 36.314 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Layer 2 - Measurements | R2 | Yes |
| TS | 36.321 | Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification | R2 | Yes |
| TS | 36.322 | Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Link Control (RLC) protocol specification | R2 | Yes |
| TS | 36.323 | Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification | R2 | Yes |
| TS | 36.331 | Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification | R2 | Yes |
| TS | 36.355 | Evolved Universal Terrestrial Radio Access (E-UTRA); LTE Positioning Protocol (LPP) | R2 | Yes |
| TS | 36.401 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Architecture description | R3 | Yes |
| TS | 36.410 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 layer 1 general aspects and principles | R3 | Yes |
| TS | 36.411 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 layer 1 | R3 | Yes |
| TS | 36.412 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 signalling transport | R3 | Yes |
| TS | 36.413 | Evolved Universal Terrestrial Radio Access (E-UTRA) ; S1 Application Protocol (S1AP) | R3 | Yes |

| Type | Number | Title | Group | For publication? |
|------|----------|---|-------|------------------|
| TS | 36.414 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 data transport | R3 | Yes |
| TS | 36.420 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 general aspects and principles | R3 | Yes |
| TS | 36.421 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 layer 1 | R3 | Yes |
| TS | 36.422 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 signalling transport | R3 | Yes |
| TS | 36.423 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP) | R3 | Yes |
| TS | 36.424 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 data transport | R3 | Yes |
| TS | 36.440 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); General aspects and principles for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN | R3 | Yes |
| TS | 36.441 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Layer 1 for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN | R3 | Yes |
| TS | 36.442 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Signalling Transport for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN | R3 | Yes |
| TS | 36.443 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M2 Application Protocol (M2AP) | R3 | Yes |
| TS | 36.444 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M3 Application Protocol (M3AP) | R3 | Yes |
| TS | 36.445 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M1 Data Transport | R3 | Yes |
| TS | 36.455 | Evolved Universal Terrestrial Radio Access (E-UTRA); LTE Positioning Protocol A (LPPa) | R3 | Yes |
| TS | 36.508 | Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Common test environments for User Equipment (UE) conformance testing | R5 | Yes |
| TS | 36.509 | Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Special conformance testing functions for User Equipment (UE) | R5 | Yes |
| TS | 36.521-1 | Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Conformance testing | R5 | Yes |
| TS | 36.521-2 | Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Implementation Conformance Statement (ICS) | R5 | Yes |
| TS | 36.521-3 | Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Radio Resource Management (RRM) conformance testing | R5 | Yes |
| TS | 36.523-1 | Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | R5 | Yes |
| TS | 36.523-2 | Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 2: ICS | R5 | Yes |
| TS | 36.523-3 | Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 3: Test suites | R5 | Yes |
| TR | 36.800 | Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA); Extended UMTS / LTE 800 Work Item Technical Report | R4 | No |
| TR | 36.805 | Evolved Universal Terrestrial Radio Access (E-UTRA); Study on minimization of drive-tests in next generation networks | R2 | No |
| TR | 36.806 | Evolved Universal Terrestrial Radio Access (E-UTRA); Relay architectures for E-UTRA (LTE-Advanced) | R2 | No |
| TR | 36.810 | Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA); UMTS / LTE 800 for Europe Work Item Technical Report | R4 | No |
| TR | 36.814 | Evolved Universal Terrestrial Radio Access (E-UTRA); Further advancements for E-UTRA Physical layer aspects | R1 | No |

| Type | Number | Title | Group | For publication? |
|------|--------|--|-------|------------------|
| TR | 36.815 | TR LTE-Advanced feasibility studies in RAN WG4 | R4 | No |
| TR | 36.902 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Self-configuring and self-optimizing network (SON) use cases and solutions | R3 | Yes |
| TR | 36.903 | Evolved Universal Terrestrial Radio Access (E-UTRA); Derivation of test tolerances for multi-cell Radio Resource Management (RRM) conformance tests | R5 | Yes |
| TR | 36.921 | Evolved Universal Terrestrial Radio Access (E-UTRA); FDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis | R4 | Yes |
| TR | 36.922 | Evolved Universal Terrestrial Radio Access (E-UTRA); TDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis | R4 | Yes |
| TR | 36.931 | RF requirements for LTE Pico NodeB | R4 | Yes |
| TR | 36.938 | Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Improved network controlled mobility between E-UTRAN and 3GPP2/mobile WiMAX radio technologies | R2 | Yes |
| TR | 36.942 | Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Frequency (RF) system scenarios | R4 | Yes |
| TR | 36.956 | Evolved Universal Terrestrial Radio Access (E-UTRA); Repeater planning guidelines and system analysis | R4 | Yes |
| TS | 37.104 | E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception | R4 | Yes |
| TS | 37.113 | E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC) | R4 | Yes |
| TS | 37.141 | E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing | R4 | Yes |
| TR | 37.900 | RF requirements for Multicarrier and Multi-RAT BS | R4 | Yes |

Table is based on query " 2003-09-03_LTE_specs_list_rel-x__21-201" in the [3GPP Specifications Status database](#).

Annex A (informative): Change history

| Change history | | | | | | | |
|----------------|----------------|------------------------|----|-----|--|-------|--------|
| Date | TSG # | TSG Doc. | CR | Rev | Subject/Comment | Old | New |
| 2008-03 | | | | | First draft based on SA1 request to SP-38, refined at SP-39. Spec list based on Specification Manager's whim. | | 0.0.0 |
| 2008-05 | | | | | Rapporteur's revision | 0.0.0 | 0.1.0 |
| 2008-12 | SP-42 | SP-080723 | | | Rapporteur's revision prior to upgrading of specs to Rel-8 following Release freeze. | 0.1.0 | 0.2.0 |
| 2009-01 | | | | | Further rapporteur revision in the light of feedback | 0.2.0 | 0.3.0 |
| 2009-03 | CP-43 RP-43 | CP-080927 RP-081048 | | | Submission for review | 0.3.0 | 1.0.0 |
| 2009-03 | SP-43 | SP-090034 | | | Clean up of §3. To SA for information. | 1.0.0 | 1.0.1 |
| 2009-03 | SP-43 | SP-090224 | | | Major revision following clarification of scope, restricting the TS to a list of normative elements specific to EPS. | 1.0.1 | 2.0.0 |
| 2009-03 | SP-43 | | | | Approved | 2.0.0 | 8.0.0 |
| 2009-06 | SP-45 | SP-090495 | 1 | 2 | Update list of Specs | 8.0.0 | 8.1.0 |
| | | | 2 | 2 | Clarification of scope | | |
| 2009-12 | SP-46 | SP-090695 | 3 | 1 | Correction to list of specifications | 8.1.0 | 8.2.0 |
| 2010-03 | SP-47 | SP-100012 | 4 | - | Update list of specs | 8.2.0 | 8.3.0 |
| 2010-03 | SP-47 | SP-100012 | 5 | - | Update list of specs | 8.3.0 | 9.0.0 |
| 2011-03 | SP-51 | | | | Automatic upgrde on Release freeze | 9.0.0 | 10.0.0 |

History

| Document history | | |
|-------------------------|------------|-------------|
| V10.0.0 | April 2011 | Publication |
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