

ETSI TS 121 101 V12.0.2 (2017-01)



**Universal Mobile Telecommunications System (UMTS);
Technical Specifications and Technical Reports
for a UTRAN-based 3GPP system
(3GPP TS 21.101 version 12.0.2 Release 12)**



Reference

RTS/TSGS-0021101vc02

Keywords

UMTS

ETSI

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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 (TS) 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 12. The specifications and reports of this Release have a major version number 12 (i.e. 12.x.y). The listed Specifications are required to build a system based on UTRAN radio technology.

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 TR 21.900: "Technical Specification Group working methods".

3 Abbreviations

For the purposes of the present document, the terms and definitions given in 3GPP TS 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: Some of the algorithm specifications in the 35.-series are available only under licence.

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

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

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|--------|--|----------|------------------|-------------|--------|
| TS | 21.101 | Technical Specifications and Technical Reports for a UTRAN-based 3GPP system | SP | Yes | | |
| TS | 21.111 | USIM and IC card requirements | C6 | Yes | 2014-09-17 | yes |
| TS | 21.202 | Technical Specifications and Technical Reports relating to the | SP | Yes | | |

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|--------|---|----------|------------------|-------------|--------|
| | | Common IP Multimedia Subsystem (IMS) | | | | |
| TR | 21.801 | Specification drafting rules | SP | No | 2014-09-17 | yes |
| TR | 21.900 | Technical Specification Group working methods | SP | Yes | 2014-09-17 | yes |
| TR | 21.905 | Vocabulary for 3GPP Specifications | SP | Yes | 2014-09-17 | yes |
| TS | 22.001 | Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) | S1 | Yes | 2014-09-17 | yes |
| TS | 22.002 | Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN) | S1 | Yes | 2014-09-17 | yes |
| TS | 22.003 | Circuit Teleservices supported by a Public Land Mobile Network (PLMN) | S1 | Yes | 2014-09-17 | yes |
| TS | 22.004 | General on supplementary services | S1 | Yes | 2014-09-17 | yes |
| TS | 22.011 | Service accessibility | S1 | Yes | 2014-09-17 | yes |
| TS | 22.016 | International Mobile station Equipment Identities (IMEI) | S1 | Yes | 2014-09-17 | yes |
| TS | 22.022 | Personalisation of Mobile Equipment (ME); Mobile functionality specification | S1 | Yes | 2014-09-17 | yes |
| TS | 22.024 | Description of Charge Advice Information (CAI) | S1 | Yes | 2014-09-17 | yes |
| TS | 22.030 | Man-Machine Interface (MMI) of the User Equipment (UE) | S1 | Yes | 2014-09-17 | yes |
| TS | 22.031 | 3G Security; Fraud Information Gathering System (FIGS); Service description; Stage 1 | S3 | Yes | 2014-09-17 | yes |
| TS | 22.032 | Immediate Service Termination (IST); Service description; Stage 1 | S3 | Yes | 2014-09-17 | yes |
| TS | 22.034 | High Speed Circuit Switched Data (HSCSD); Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.038 | (U)SIM Application Toolkit (USAT); Service description; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.041 | Operator Determined Barring (ODB) | S1 | Yes | 2014-09-17 | yes |
| TS | 22.042 | Network Identity and TimeZone (NITZ); Service description; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.053 | Tandem Free Operation (TFO); Service description; Stage 1 | S4 | Yes | 2014-09-17 | yes |
| TS | 22.057 | Mobile Execution Environment (MExE); Service description; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.060 | General Packet Radio Service (GPRS); Service description; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.066 | Support of Mobile Number Portability (MNP); Service description; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.067 | enhanced Multi Level Precedence and Pre-emption service (eMLPP); Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.071 | Location Services (LCS); Service description; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.072 | Call Deflection (CD) service description; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.076 | Noise suppression for the AMR codec; Service description; Stage 1 | S4 | Yes | 2014-09-17 | yes |
| TS | 22.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.079 | Support of Optimal Routeing (SOR); Service definition; Stage 1 | S1 | Yes | 2014-09-17 | yes |

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|--------|---|----------|------------------|-------------|--------|
| TS | 22.081 | Line Identification supplementary services; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.082 | Call Forwarding (CF) Supplementary Services; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.083 | Call Waiting (CW) and Call Holding (HOLD); Supplementary Services; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.084 | MultiParty (MPTY) supplementary service; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.085 | Closed User Group (CUG) supplementary services; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.086 | Advice of Charge (AoC) supplementary services; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.087 | User-to-User Signalling (UUS); Service description; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.088 | Call Barring (CB) supplementary services; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.090 | Unstructured Supplementary Service Data (USSD); Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.091 | Explicit Call Transfer (ECT) supplementary service; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.093 | Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.094 | Follow Me service description; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.096 | Name identification supplementary services; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.097 | Multiple Subscriber Profile (MSP) Phase 2; Service description; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.101 | Service aspects; Service principles | S1 | Yes | 2014-09-17 | yes |
| TS | 22.105 | Services and service capabilities | S1 | Yes | 2014-09-17 | yes |
| TS | 22.115 | Service aspects; Charging and billing | S1 | Yes | 2014-09-17 | yes |
| TS | 22.129 | Service aspects; Handover requirements between UTRAN and GERAN or other radio systems | S1 | Yes | 2014-09-17 | yes |
| TS | 22.135 | Multicall; Service description; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.140 | Multimedia Messaging Service (MMS); Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.141 | Presence service; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.142 | Value Added Services (VAS) for Short Message Service (SMS) requirements | S1 | Yes | 2014-09-17 | yes |
| TS | 22.146 | Multimedia Broadcast/Multicast Service (MBMS); Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.153 | Multimedia priority service | S1 | Yes | 2014-09-17 | yes |
| TS | 22.173 | IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.174 | Push Service; Service aspects; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.182 | Customized Alerting Tones (CAT) requirements; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.183 | Customized Ringing Signal (CRS) requirements; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.220 | Service requirements for Home Node B (HNB) and Home eNode B (HeNB) | S1 | Yes | 2014-09-17 | yes |

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|--------|---|----------|------------------|-------------|--------|
| TS | 22.226 | Global Text Telephony (GTT); Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.228 | Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.233 | Transparent end-to-end packet-switched streaming service; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.234 | Requirements on 3GPP system to Wireless Local Area Network (WLAN) interworking | S1 | Yes | 2014-09-17 | yes |
| TS | 22.240 | Service requirements for 3GPP Generic User Profile (GUP); Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.242 | Digital Rights Management (DRM); Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.243 | Speech recognition framework for automated voice services; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.246 | Multimedia Broadcast/Multicast Service (MBMS) user services; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.250 | IP Multimedia Subsystem (IMS) Group Management; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.259 | Service requirements for Personal Network Management (PNM); Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.268 | Public Warning System (PWS) requirements | S1 | Yes | 2014-09-17 | yes |
| TS | 22.278 | Service requirements for the Evolved Packet System (EPS) | S1 | Yes | 2014-09-17 | yes |
| TS | 22.279 | Combined Circuit Switched (CS) and IP Multimedia Subsystem (IMS) sessions; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.340 | IP Multimedia Subsystem (IMS) messaging; Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.368 | Service requirements for Machine-Type Communications (MTC); Stage 1 | S1 | Yes | 2014-09-17 | yes |
| TS | 22.519 | Business communication requirements | S1 | Yes | 2014-09-17 | yes |
| TR | 22.801 | Study on non-MTC mobile data applications impacts | S1 | No | 2014-09-17 | yes |
| TR | 22.805 | Feasibility study on user plane congestion management | S1 | No | 2014-09-17 | yes |
| TR | 22.852 | Study on Radio Access Network (RAN) sharing enhancements | S1 | No | 2014-09-17 | yes |
| TR | 22.888 | Study on enhancements for Machine-Type Communications (MTC) | S1 | No | 2014-09-17 | yes |
| TR | 22.895 | Study on service aspects of integration of Single Sign-On (SSO) frameworks with 3GPP operator-controlled resources and mechanisms | S1 | No | 2014-09-17 | yes |
| TR | 22.896 | Study on continuity of data sessions to local networks | S1 | No | 2014-09-17 | yes |
| TR | 22.903 | Study on Videotelephony teleservice | S1 | Yes | 2014-09-17 | yes |
| TR | 22.906 | Study on IMS based peer-to-peer content distribution services | S1 | Yes | 2014-09-17 | yes |
| TR | 22.908 | Study on Paging Permission with Access Control (PPAC) | S1 | Yes | 2014-09-17 | yes |
| TR | 22.912 | Study into network selection requirements for non-3GPP access | S1 | Yes | 2014-09-17 | yes |
| TR | 22.934 | Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking | S1 | Yes | 2014-09-17 | yes |
| TR | 22.935 | Feasibility study on Location Services (LCS) for Wireless Local Area Network (WLAN) interworking | S1 | Yes | 2014-09-17 | yes |
| TR | 22.936 | Multi-system terminals | S1 | Yes | 2014- | yes |

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|--------|--|----------|------------------|-------------|--------|
| | | | | | 09-17 | |
| TR | 22.937 | Requirements for service continuity between mobile and Wireless Local Area Network (WLAN) networks | S1 | Yes | 2014-09-17 | yes |
| TR | 22.940 | IP Multimedia Subsystem (IMS) messaging | S1 | Yes | 2014-09-17 | yes |
| TR | 22.942 | Study on Value Added Services (VAS) for Short Message Service (SMS) | S1 | Yes | 2014-09-17 | yes |
| TR | 22.944 | Report on service requirements for UE functionality split | S1 | Yes | 2014-09-17 | yes |
| TR | 22.947 | Study on Personal Broadcast Service (PBS) | S1 | Yes | 2014-09-17 | yes |
| TR | 22.948 | Study of requirements of IP-Multimedia Subsystem (IMS) convergent multimedia conferencing | S1 | Yes | 2014-09-17 | yes |
| TR | 22.949 | Study on a generalized privacy capability | S1 | Yes | 2014-09-17 | yes |
| TR | 22.950 | Priority service feasibility study | S1 | Yes | 2014-09-17 | yes |
| TR | 22.951 | Service aspects and requirements for network sharing | S1 | Yes | 2014-09-17 | yes |
| TR | 22.952 | Priority service guide | S1 | Yes | 2014-09-17 | yes |
| TR | 22.953 | Multimedia priority service feasibility study | S1 | Yes | 2014-09-17 | yes |
| TR | 22.967 | Transferring of emergency call data | S1 | Yes | 2014-09-17 | yes |
| TR | 22.968 | Study for requirements for a Public Warning System (PWS) service | S1 | Yes | 2014-09-17 | yes |
| TR | 22.973 | IMS Multimedia Telephony service; and supplementary services | S1 | Yes | 2014-09-17 | yes |
| TR | 22.977 | Feasibility study for speech-enabled services | S1 | Yes | 2014-09-17 | yes |
| TR | 22.978 | All-IP network (AIPN) feasibility study | S1 | Yes | 2014-09-17 | yes |
| TR | 22.979 | Feasibility study on combined Circuit Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions | S1 | Yes | 2014-09-17 | yes |
| TR | 22.980 | Network composition feasibility study | S1 | Yes | 2014-09-17 | yes |
| TR | 22.982 | Study of Customised Alerting Tone (CAT) requirements | S1 | Yes | 2014-09-17 | yes |
| TR | 22.983 | Services alignment and migration | S1 | Yes | 2014-09-17 | yes |
| TR | 22.985 | Service requirements for the User Data Convergence (UDC) | S1 | Yes | 2014-09-17 | yes |
| TR | 22.986 | Study on Service Specific Access Control | S1 | Yes | 2014-09-17 | yes |
| TR | 22.987 | Study of haptic services requirements | S1 | Yes | 2014-09-17 | yes |
| TR | 22.988 | Study on alternatives to E.164 for Machine-Type Communications (MTC) | S1 | Yes | 2014-09-17 | yes |
| TS | 23.002 | Network architecture | S2 | Yes | 2014-09-17 | yes |
| TS | 23.003 | Numbering, addressing and identification | C4 | Yes | 2014-09-17 | yes |
| TS | 23.007 | Restoration procedures | C4 | Yes | 2014-09-17 | yes |
| TS | 23.008 | Organization of subscriber data | C4 | Yes | 2014-09-17 | yes |

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|--------|--|----------|------------------|-------------|--------|
| TS | 23.009 | Handover procedures | C4 | Yes | 2014-09-17 | yes |
| TS | 23.011 | Technical realization of Supplementary Services | C4 | Yes | 2014-09-17 | yes |
| TS | 23.012 | Location management procedures | C4 | Yes | 2014-09-17 | yes |
| TS | 23.014 | Support of Dual Tone Multi-Frequency (DTMF) signalling | C1 | Yes | 2014-09-17 | yes |
| TS | 23.015 | Technical realization of Operator Determined Barring (ODB) | C4 | Yes | 2014-09-17 | yes |
| TS | 23.016 | Subscriber data management; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.018 | Basic call handling; Technical realization | C4 | Yes | 2014-09-17 | yes |
| TS | 23.031 | 3G Security; Fraud Information Gathering System (FIGS); Technical realization; Stage 2 | S3 | Yes | 2014-09-17 | yes |
| TS | 23.032 | Universal Geographical Area Description (GAD) | S2 | Yes | 2014-09-17 | yes |
| TS | 23.034 | High Speed Circuit Switched Data (HSCSD); Stage 2 | C1 | Yes | 2014-09-17 | yes |
| TS | 23.035 | Immediate Service Termination (IST); Stage 2 | S3 | Yes | 2014-09-17 | yes |
| TS | 23.038 | Alphabets and language-specific information | C1 | Yes | 2014-09-17 | yes |
| TS | 23.040 | Technical realization of the Short Message Service (SMS) | C1 | Yes | 2014-09-17 | yes |
| TS | 23.041 | Technical realization of Cell Broadcast Service (CBS) | C1 | Yes | 2014-09-17 | yes |
| TS | 23.042 | Compression algorithm for text messaging services | C1 | Yes | 2014-09-17 | yes |
| TS | 23.053 | Tandem Free Operation (TFO); Service description; Stage 2 | S4 | Yes | 2014-09-17 | yes |
| TS | 23.057 | Mobile Execution Environment (MExE); Functional description; Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TS | 23.060 | General Packet Radio Service (GPRS); Service description; Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TS | 23.066 | Support of Mobile Number Portability (MNP); Technical realization; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.067 | enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.072 | Call Deflection (CD) supplementary service; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 4; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.079 | Support of Optimal Routeing (SOR); Technical realization | C4 | Yes | 2014-09-17 | yes |
| TS | 23.081 | Line Identification supplementary services; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.082 | Call Forwarding (CF) supplementary services; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.083 | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.084 | Multi Party (MPTY) supplementary service; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.085 | Closed User Group (CUG) supplementary service; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.086 | Advice of Charge (AoC) supplementary services; Stage 2 | C4 | Yes | 2014-09-17 | yes |

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|--------|--|----------|------------------|-------------|--------|
| TS | 23.087 | User-to-User Signalling (UUS) supplementary service; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.088 | Call Barring (CB) Supplementary Services; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.090 | Unstructured Supplementary Service Data (USSD); Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.091 | Explicit Call Transfer (ECT) supplementary service; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.093 | Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.094 | Follow-Me (FM); Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.096 | Name identification supplementary services; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.097 | Multiple Subscriber Profile (MSP) (Phase X); Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.101 | General Universal Mobile Telecommunications System (UMTS) architecture | S2 | Yes | 2014-09-17 | yes |
| TS | 23.107 | Quality of Service (QoS) concept and architecture | S2 | Yes | 2014-09-17 | yes |
| TS | 23.108 | Mobile radio interface layer 3 specification, core network protocols; Stage 2 | C1 | Yes | 2014-09-17 | yes |
| TS | 23.110 | Universal Mobile Telecommunications System (UMTS) access stratum; Services and functions | S2 | Yes | 2014-09-17 | yes |
| TS | 23.116 | Super-Charger technical realization; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.119 | Gateway Location Register (GLR); Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.122 | Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode | C1 | Yes | 2014-09-17 | yes |
| TS | 23.135 | Multicall supplementary service; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.139 | 3GPP system - fixed broadband access network interworking; Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TS | 23.141 | Presence service; Architecture and functional description | S2 | Yes | 2014-09-17 | yes |
| TS | 23.142 | Value-added Services for SMS (VAS4SMS); Interface and signalling flow | C4 | Yes | 2014-09-17 | yes |
| TS | 23.146 | Technical realization of facsimile Group 3 non-transparent | C3 | Yes | 2014-09-17 | yes |
| TS | 23.153 | Out of band transcoder control; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.167 | IP Multimedia Subsystem (IMS) emergency sessions | S2 | Yes | 2014-09-17 | yes |
| TS | 23.172 | Technical realization of Circuit Switched (CS) multimedia service UDI/RDI fallback and service modification; Stage 2 | C3 | Yes | 2014-09-17 | yes |
| TS | 23.202 | Circuit switched data bearer services | C3 | Yes | 2014-09-17 | yes |
| TS | 23.203 | Policy and charging control architecture | S2 | Yes | 2014-09-17 | yes |
| TS | 23.204 | Support of Short Message Service (SMS) over generic 3GPP Internet Protocol (IP) access; Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TS | 23.205 | Bearer-independent circuit-switched core network; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.207 | End-to-end Quality of Service (QoS) concept and architecture | S2 | Yes | 2014-09-17 | yes |
| TS | 23.216 | Single Radio Voice Call Continuity (SRVCC); Stage 2 | S2 | Yes | 2014-09-17 | yes |

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|------|--------|--|----------|------------------|-------------|--------|
| TS | 23.218 | IP Multimedia (IM) session handling; IM call model; Stage 2 | C1 | Yes | 2014-09-17 | yes |
| TS | 23.221 | Architectural requirements | S2 | Yes | 2014-09-17 | yes |
| TS | 23.226 | Global text telephony (GTT); Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TS | 23.228 | IP Multimedia Subsystem (IMS); Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TS | 23.231 | SIP-I based circuit-switched core network; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.234 | 3GPP system to Wireless Local Area Network (WLAN) interworking; System description | S2 | Yes | 2014-09-17 | yes |
| TS | 23.236 | Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes | S2 | Yes | 2014-09-17 | yes |
| TS | 23.237 | IP Multimedia Subsystem (IMS) Service Continuity; Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TS | 23.240 | 3GPP Generic User Profile (GUP); Architecture (Stage 2) | S2 | Yes | 2014-09-17 | yes |
| TS | 23.246 | Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description | S2 | Yes | 2014-09-17 | yes |
| TS | 23.251 | Network sharing; Architecture and functional description | S2 | Yes | 2014-09-17 | yes |
| TS | 23.259 | Personal Network Management (PNM); Procedures and information flows; Stage 2 | C1 | Yes | 2014-09-17 | yes |
| TS | 23.261 | IP flow mobility and seamless Wireless Local Area Network (WLAN) offload; Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TS | 23.271 | Functional stage 2 description of Location Services (LCS) | S2 | Yes | 2014-09-17 | yes |
| TS | 23.272 | Circuit Switched (CS) fallback in Evolved Packet System (EPS); Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TS | 23.278 | Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 4; Stage 2; IM CN Interworking | C4 | Yes | 2014-09-17 | yes |
| TS | 23.279 | Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services; Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TS | 23.284 | Local Call Local Switch (LCLS); Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.292 | IP Multimedia Subsystem (IMS) centralized services; Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TS | 23.303 | Proximity-based services (ProSe); Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TS | 23.327 | Mobility between 3GPP-Wireless Local Area Network (WLAN) interworking and 3GPP systems | S2 | Yes | 2014-09-17 | yes |
| TS | 23.333 | Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface: Procedures descriptions | C4 | Yes | 2014-09-17 | yes |
| TS | 23.334 | IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) - IMS Access Gateway (IMS-AGW) interface: Procedures descriptions | C4 | Yes | 2014-09-17 | yes |
| TS | 23.335 | User Data Convergence (UDC); Technical realization and information flows; Stage 2 | C4 | Yes | 2014-09-17 | yes |
| TS | 23.380 | IMS Restoration Procedures | C4 | Yes | 2014-09-17 | yes |
| TS | 23.402 | Architecture enhancements for non-3GPP accesses | S2 | Yes | 2014-09-17 | yes |
| TS | 23.682 | Architecture enhancements to facilitate communications with packet data networks and applications | S2 | Yes | 2014-09-17 | yes |
| TR | 23.701 | Study on Web Real Time Communication (WebRTC) access to IP Multimedia Subsystem (IMS); Stage 2 | S2 | No | 2014-09-17 | yes |

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| TR | 23.703 | Study on architecture enhancements to support Proximity-based Services (ProSe) | S2 | No | 2014-09-17 | yes |
| TR | 23.800 | Study on Application Based Charging (ABC); Stage 2 | S2 | No | 2014-09-17 | yes |
| TR | 23.839 | Study on support of Broadband Forum (BBF) access Interworking | S2 | No | 2014-09-17 | yes |
| TR | 23.843 | Study on Core Network Overload (CNO) solutions | S2 | No | 2014-09-17 | yes |
| TR | 23.844 | Feasibility study on IP Multimedia Subsystem (IMS) based peer-to-peer content distribution services; Stage 2 | S2 | No | 2014-09-17 | yes |
| TR | 23.852 | Study on S2a Mobility based on GPRS Tunnelling Protocol (GTP) and Wireless Local Area Network (WLAN) access to the Enhanced Packet Core (EPC) network (SaMOG); Stage 2 | S2 | No | 2014-09-17 | yes |
| TR | 23.853 | Operator Policies for IP Interface Selection (OPIIS) | S2 | No | 2014-09-17 | yes |
| TR | 23.858 | Usage Monitoring Control PCC Enhancement | S2 | No | | |
| TR | 23.859 | Local IP access (LIPA) mobility and Selected IP Traffic Offload (SIPTO) at the local network | S2 | No | 2014-09-17 | yes |
| TR | 23.862 | Evolved Packet Core (EPC) enhancements to support interworking with data application providers; Stage 2 | S2 | No | 2014-09-17 | yes |
| TR | 23.863 | Support of Short Message Service (SMS) in IP Multimedia Subsystem (IMS) without Mobile Station International ISDN Number (MSISDN); Stage 2 | S2 | No | 2014-09-17 | yes |
| TR | 23.865 | Study on Wireless Local Area Network (WLAN) network selection for 3GPP terminals; Stage 2 | S2 | No | 2014-09-17 | yes |
| TR | 23.866 | Study on system improvements for energy efficiency | S2 | No | 2014-09-17 | yes |
| TR | 23.887 | Study on Machine-Type Communications (MTC) and other mobile data applications communications enhancements | S2 | No | 2014-09-17 | yes |
| TR | 23.890 | Optimized offloading to Wireless Local Area Network (WLAN) in 3GPP Radio Access Technology (RAT) mobility | S2 | No | 2014-09-17 | yes |
| TR | 23.897 | Feasibility study on IP Multimedia Subsystem (IMS) business trunking for Internet Protocol Private Branch Exchange (IP-PBX) in Static Mode of Operation | S2 | No | 2014-09-17 | yes |
| TR | 23.903 | Redial solution for voice-video switching | S2 | Yes | 2014-09-17 | yes |
| TR | 23.919 | Direct tunnel deployment guideline | S2 | Yes | 2014-09-17 | yes |
| TR | 23.924 | Feasibility study on Non-Access Stratum (NAS) node selection function above Base Station Controller (BSC) / Radio Network Controller (RNC) | S2 | Yes | 2014-09-17 | yes |
| TR | 23.975 | IPv6 migration guidelines | S2 | Yes | 2014-09-17 | yes |
| TR | 23.976 | Push architecture | S2 | Yes | 2014-09-17 | yes |
| TR | 23.977 | Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks | S2 | Yes | 2014-09-17 | yes |
| TR | 23.979 | 3GPP enablers for Open Mobile Alliance (OMA); Push-to-talk over Cellular (PoC) services; Stage 2 | S2 | Yes | 2014-09-17 | yes |
| TR | 23.981 | Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations | S2 | Yes | 2014-09-17 | yes |
| TS | 24.002 | GSM - UMTS Public Land Mobile Network (PLMN) Access Reference Configuration | C1 | Yes | 2014-09-17 | yes |
| TS | 24.007 | Mobile radio interface signalling layer 3; General Aspects | C1 | Yes | 2014-09-17 | yes |
| TS | 24.008 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.010 | Mobile radio interface layer 3; Supplementary services | C4 | Yes | 2014- | yes |

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| | | specification; General aspects | | | 09-17 | |
| TS | 24.011 | Point-to-Point (PP) Short Message Service (SMS) support on mobile radio interface | C1 | Yes | 2014-09-17 | yes |
| TS | 24.022 | Radio Link Protocol (RLP) for circuit switched bearer and teleservices | C3 | Yes | 2014-09-17 | yes |
| TS | 24.030 | Location Services (LCS); Supplementary service operations; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.067 | Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.072 | Call Deflection (CD) supplementary service; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.080 | Mobile radio interface layer 3 supplementary services specification; Formats and coding | C4 | Yes | 2014-09-17 | yes |
| TS | 24.081 | Line Identification supplementary services; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.082 | Call Forwarding (CF) supplementary services; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.083 | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.084 | Multi Party (MPTY) supplementary service; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.085 | Closed User Group (CUG) supplementary service; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.086 | Advice of Charge (AoC) supplementary services; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.087 | User-to-User Signalling (UUS) Supplementary Service; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.088 | Call Barring (CB) supplementary service; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.090 | Unstructured Supplementary Service Data (USSD); Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.091 | Explicit Call Transfer (ECT) supplementary service; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.093 | Completion of Calls to Busy Subscriber (CCBS); Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.096 | Name Identification supplementary services; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.103 | Telepresence using the IP Multimedia (IM) Core Network (CN) Subsystem (IMS); Stage 3 | C1 | Yes | 2014-12-09 | yes |
| TS | 24.109 | Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details | C1 | Yes | 2014-09-17 | yes |
| TS | 24.135 | Multicall supplementary service; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 24.139 | 3GPP system - fixed broadband access network interworking; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.141 | Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.147 | Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.166 | 3GPP IP Multimedia Subsystem (IMS) conferencing Management Object (MO) | C1 | Yes | 2014-09-17 | yes |
| TS | 24.167 | 3GPP IMS Management Object (MO); Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.173 | IMS Multimedia telephony communication service and supplementary services; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.182 | IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT); Protocol specification | C1 | Yes | 2014-09-17 | yes |

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| TS | 24.183 | IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS); Protocol specification | C1 | Yes | 2014-09-17 | yes |
| TS | 24.216 | Communication Continuity Management Object (MO) | C1 | Yes | 2014-09-17 | yes |
| TS | 24.229 | IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | C1 | Yes | 2014-09-17 | 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 | 2014-09-17 | yes |
| TS | 24.235 | 3GPP System to Wireless Local Area Network (WLAN) interworking Management Object (MO) | C1 | Yes | 2014-09-17 | yes |
| TS | 24.237 | IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) service continuity; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.238 | Session Initiation Protocol (SIP) based user configuration; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.239 | Flexible Alerting (FA) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes | 2014-09-17 | yes |
| TS | 24.244 | Wireless LAN control plane protocol for trusted WLAN access to EPC; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.247 | Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.259 | Personal Network Management (PNM); Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.279 | Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.285 | Allowed Closed Subscriber Group (CSG) list; Management Object (MO) | C1 | Yes | 2014-09-17 | yes |
| TS | 24.286 | IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS); Management Object (MO) | C1 | Yes | 2014-09-17 | yes |
| TS | 24.292 | IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS); Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.294 | IP Multimedia Subsystem (IMS) Centralized Services (ICS) protocol via I1 interface | C1 | Yes | 2014-09-17 | yes |
| TS | 24.301 | Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.302 | Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.303 | Mobility management based on Dual-Stack Mobile IPv6; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.304 | Mobility management based on Mobile IPv4; User Equipment (UE) - foreign agent interface; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.305 | Selective Disabling of 3GPP User Equipment Capabilities (SDoUE) Management Object (MO) | C1 | Yes | 2014-09-17 | yes |
| TS | 24.312 | Access Network Discovery and Selection Function (ANDSF) Management Object (MO) | C1 | Yes | 2014-09-17 | yes |
| TS | 24.315 | IP Multimedia Subsystem (IMS) Operator Determined Barring (ODB); Stage 3: protocol specification | C1 | Yes | 2014-09-17 | yes |
| TS | 24.322 | Tunnelling of IP Multimedia Subsystem (IMS) services over restrictive access networks; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.323 | 3GPP IP Multimedia Subsystem (IMS) service level tracing Management Object (MO) | C1 | Yes | 2014-09-17 | yes |
| TS | 24.327 | Mobility between 3GPP Wireless Local Area Network (WLAN) interworking (I-WLAN) and 3GPP systems; General Packet Radio System (GPRS) and 3GPP I-WLAN aspects; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.333 | Proximity-services (ProSe) Management Objects (MO) | C1 | Yes | 2014-09-17 | yes |
| TS | 24.334 | Proximity-services (ProSe) User Equipment (UE) to ProSe function protocol aspects; Stage 3 | C1 | Yes | 2014-09-17 | yes |

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| TS | 24.337 | IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) inter-UE transfer; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.341 | Support of SMS over IP networks; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.368 | Non-Access Stratum (NAS) configuration Management Object (MO) | C1 | Yes | 2014-09-17 | yes |
| TS | 24.371 | Web Real-Time Communications (WebRTC) access to the IP Multimedia (IM) Core Network (CN) subsystem (IMS); Stage 3; Protocol specification | C1 | Yes | 2014-12-09 | yes |
| TS | 24.390 | Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem IMS; Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TS | 24.391 | Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem (IMS) Management Object (MO) | C1 | Yes | 2014-09-17 | yes |
| TS | 24.523 | Core and enterprise Next Generation Network (NGN) interaction scenarios; Architecture and functional description | C1 | Yes | 2014-09-17 | yes |
| TS | 24.524 | Hosted enterprise services; Architecture, functional description and signalling | C1 | Yes | 2014-09-17 | yes |
| TS | 24.525 | Business trunking; Architecture and functional description | C1 | Yes | 2014-09-17 | yes |
| TS | 24.604 | Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes | 2014-09-17 | yes |
| TS | 24.605 | Conference (CONF) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes | 2014-09-17 | yes |
| TS | 24.606 | Message Waiting Indication (MWI) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes | 2014-09-17 | 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 | 2014-09-17 | 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 | 2014-09-17 | yes |
| TS | 24.610 | Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes | 2014-09-17 | yes |
| TS | 24.611 | Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes | 2014-09-17 | yes |
| TS | 24.615 | Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol Specification | C1 | Yes | 2014-09-17 | yes |
| TS | 24.616 | Malicious Communication Identification (MCID) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes | 2014-09-17 | yes |
| TS | 24.623 | Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services | C1 | Yes | 2014-09-17 | yes |
| TS | 24.628 | Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes | 2014-09-17 | yes |
| TS | 24.629 | Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification | C1 | Yes | 2014-09-17 | 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 | 2014-09-17 | yes |
| TS | 24.647 | Advice Of Charge (AOC) using IP Multimedia (IM) Core Network (CN) subsystem | C1 | Yes | 2014-09-17 | yes |
| TS | 24.654 | Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem, Protocol Specification | C1 | Yes | 2014-09-17 | yes |
| TR | 24.802 | Study on Indication of Network to Network Interface (NNI) routing scenarios in Session Initiation Protocol (SIP) requests in the IP | C3 | No | 2014-09-17 | yes |

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| | | Multimedia Subsystem (IMS) | | | | |
| TR | 24.803 | Study on telepresence using the IP Multimedia (IM) Core Network (CN) Subsystem (IMS); Stage 3 | C1 | No | 2014-09-17 | yes |
| TR | 24.930 | Signalling flows for the session setup in the IP Multimedia core network Subsystem (IMS) based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | C1 | Yes | 2014-09-17 | yes |
| TR | 24.969 | Business trunking; Next Generation Corporate Network (NGCN) - Next Generation Network (NGN) interfaces implementation guide | C1 | Yes | 2014-12-09 | yes |
| TS | 25.101 | User Equipment (UE) radio transmission and reception (FDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.102 | User Equipment (UE) radio transmission and reception (TDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.104 | Base Station (BS) radio transmission and reception (FDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.105 | Base Station (BS) radio transmission and reception (TDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.106 | UTRA repeater radio transmission and reception | R4 | Yes | 2014-09-17 | yes |
| TS | 25.111 | Location Measurement Unit (LMU) performance specification; User Equipment (UE) positioning in UTRAN | R4 | Yes | 2014-09-17 | yes |
| TS | 25.113 | Base station (BS) and repeater electromagnetic compatibility (EMC) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.116 | UTRA repeater radio transmission and reception (LCR TDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.123 | Requirements for support of radio resource management (TDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.133 | Requirements for support of radio resource management (FDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.141 | Base Station (BS) conformance testing (FDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.142 | Base Station (BS) conformance testing (TDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.143 | UTRA repeater conformance testing | R4 | Yes | 2014-09-17 | yes |
| TS | 25.153 | UTRA repeater conformance testing (LCR TDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.171 | Requirements for support of Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.172 | Requirements for support of Assisted Galileo and Additional Navigation Satellite Systems (A-GANSS) Frequency Division Duplex (FDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.173 | Requirements for support of Assisted Galileo and Additional Navigation Satellite Systems (A-GANSS) Time Division Duplex (TDD) | R4 | Yes | 2014-09-17 | yes |
| TS | 25.201 | Physical layer - general description | R1 | Yes | 2014-09-17 | yes |
| TS | 25.202 | 7.68 Mcps Time Division Duplex (TDD) option; Overall description: Stage 2 | R1 | Yes | 2014-09-17 | yes |
| TS | 25.211 | Physical channels and mapping of transport channels onto physical channels (FDD) | R1 | Yes | 2014-09-17 | yes |
| TS | 25.212 | Multiplexing and channel coding (FDD) | R1 | Yes | 2014-09-17 | yes |
| TS | 25.213 | Spreading and modulation (FDD) | R1 | Yes | 2014-09-17 | yes |
| TS | 25.214 | Physical layer procedures (FDD) | R1 | Yes | 2014-09-17 | yes |
| TS | 25.215 | Physical layer; Measurements (FDD) | R1 | Yes | 2014-09-17 | yes |

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| TS | 25.221 | Physical channels and mapping of transport channels onto physical channels (TDD) | R1 | Yes | 2014-09-17 | yes |
| TS | 25.222 | Multiplexing and channel coding (TDD) | R1 | Yes | 2014-09-17 | yes |
| TS | 25.223 | Spreading and modulation (TDD) | R1 | Yes | 2014-09-17 | yes |
| TS | 25.224 | Physical layer procedures (TDD) | R1 | Yes | 2014-09-17 | yes |
| TS | 25.225 | Physical layer; Measurements (TDD) | R1 | Yes | 2014-09-17 | yes |
| TS | 25.300 | Universal Terrestrial Radio Access Network (UTRAN); General description; Stage 2 | R2 | Yes | 2014-09-17 | yes |
| TS | 25.301 | Radio interface protocol architecture | R2 | Yes | 2014-09-17 | yes |
| TS | 25.302 | Services provided by the physical layer | R2 | Yes | 2014-09-17 | yes |
| TS | 25.303 | Interlayer procedures in Connected Mode | R2 | Yes | 2014-09-17 | yes |
| TS | 25.304 | User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode | R2 | Yes | 2014-09-17 | yes |
| TS | 25.305 | Stage 2 functional specification of User Equipment (UE) positioning in UTRAN | R2 | Yes | 2014-09-17 | yes |
| TS | 25.306 | UE Radio Access capabilities | R2 | Yes | 2014-09-17 | yes |
| TS | 25.307 | Requirements on User Equipments (UEs) supporting a release-independent frequency band | R2 | Yes | 2014-09-17 | yes |
| TS | 25.308 | High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2 | R2 | Yes | 2014-09-17 | yes |
| TS | 25.319 | Enhanced uplink; Overall description; Stage 2 | R2 | Yes | 2014-09-17 | yes |
| TS | 25.321 | Medium Access Control (MAC) protocol specification | R2 | Yes | 2014-09-17 | yes |
| TS | 25.322 | Radio Link Control (RLC) protocol specification | R2 | Yes | 2014-09-17 | yes |
| TS | 25.323 | Packet Data Convergence Protocol (PDCP) specification | R2 | Yes | 2014-09-17 | yes |
| TS | 25.324 | Broadcast/Multicast Control (BMC) | R2 | Yes | 2014-09-17 | yes |
| TS | 25.327 | High Speed Packet Access (HSPA); Requirements on User Equipments (UEs) supporting a release-independent frequency band and multi-carrier configuration | R2 | Yes | 2014-09-17 | yes |
| TS | 25.331 | Radio Resource Control (RRC); Protocol specification | R2 | Yes | 2014-09-17 | yes |
| TS | 25.346 | Introduction of the Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN); Stage 2 | R2 | Yes | 2014-09-17 | yes |
| TS | 25.367 | Mobility procedures for Home Node B (HNB); Overall description; Stage 2 | R2 | Yes | 2014-09-17 | yes |
| TS | 25.401 | UTRAN overall description | R3 | Yes | 2014-09-17 | yes |
| TS | 25.402 | Synchronisation in UTRAN Stage 2 | R3 | Yes | 2014-09-17 | yes |
| TS | 25.410 | UTRAN Iu interface: General aspects and principles | R3 | Yes | 2014-09-17 | yes |
| TS | 25.411 | UTRAN Iu interface layer 1 | R3 | Yes | 2014-09-17 | yes |
| TS | 25.412 | UTRAN Iu interface signalling transport | R3 | Yes | 2014-09-17 | yes |
| TS | 25.413 | UTRAN Iu interface Radio Access Network Application Part | R3 | Yes | 2014-09-17 | yes |

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| | | (RANAP) signalling | | | 09-17 | |
| TS | 25.414 | UTRAN lu interface data transport and transport signalling | R3 | Yes | 2014-09-17 | yes |
| TS | 25.415 | UTRAN lu interface user plane protocols | R3 | Yes | 2014-09-17 | yes |
| TS | 25.419 | UTRAN lu-BC interface: Service Area Broadcast Protocol (SABP) | R3 | Yes | 2014-09-17 | yes |
| TS | 25.420 | UTRAN lur interface general aspects and principles | R3 | Yes | 2014-09-17 | yes |
| TS | 25.421 | UTRAN lur interface layer 1 | R3 | Yes | 2014-09-17 | yes |
| TS | 25.422 | UTRAN lur interface signalling transport | R3 | Yes | 2014-09-17 | yes |
| TS | 25.423 | UTRAN lur interface Radio Network Subsystem Application Part (RNSAP) signalling | R3 | Yes | 2014-09-17 | yes |
| TS | 25.424 | UTRAN lur interface data transport & transport signalling for Common Transport Channel data streams | R3 | Yes | 2014-09-17 | yes |
| TS | 25.425 | UTRAN lur interface user plane protocols for Common Transport Channel data streams | R3 | Yes | 2014-09-17 | yes |
| TS | 25.426 | UTRAN lur and lub interface data transport & transport signalling for DCH data streams | R3 | Yes | 2014-09-17 | yes |
| TS | 25.427 | UTRAN lub/lur interface user plane protocol for DCH data streams | R3 | Yes | 2014-09-17 | yes |
| TS | 25.430 | UTRAN lub Interface: general aspects and principles | R3 | Yes | 2014-09-17 | yes |
| TS | 25.431 | UTRAN lub interface Layer 1 | R3 | Yes | 2014-09-17 | yes |
| TS | 25.432 | UTRAN lub interface: signalling transport | R3 | Yes | 2014-09-17 | yes |
| TS | 25.433 | UTRAN lub interface Node B Application Part (NBAP) signalling | R3 | Yes | 2014-09-17 | yes |
| TS | 25.434 | UTRAN lub interface data transport and transport signalling for Common Transport Channel data streams | R3 | Yes | 2014-09-17 | yes |
| TS | 25.435 | UTRAN lub interface user plane protocols for Common Transport Channel data streams | R3 | Yes | 2014-09-17 | yes |
| TS | 25.442 | UTRAN implementation-specific O&M transport | R3 | Yes | 2014-09-17 | yes |
| TS | 25.444 | luh data transport | R3 | Yes | 2014-09-17 | yes |
| TS | 25.446 | MBMS synchronisation protocol (SYNC) | R3 | Yes | 2014-09-17 | yes |
| TS | 25.450 | UTRAN lupc interface general aspects and principles | R3 | Yes | 2014-09-17 | yes |
| TS | 25.451 | UTRAN lupc interface layer 1 | R3 | Yes | 2014-09-17 | yes |
| TS | 25.452 | UTRAN lupc interface: signalling transport | R3 | Yes | 2014-09-17 | yes |
| TS | 25.453 | UTRAN lupc interface Positioning Calculation Application Part (PCAP) signalling | R3 | Yes | 2014-09-17 | yes |
| TS | 25.460 | UTRAN luant interface: General aspects and principles | R3 | Yes | 2014-09-17 | yes |
| TS | 25.461 | UTRAN luant interface: Layer 1 | R3 | Yes | 2014-09-17 | yes |
| TS | 25.462 | UTRAN luant interface: Signalling transport | R3 | Yes | 2014-09-17 | yes |
| TS | 25.466 | UTRAN luant interface: Application part | R3 | Yes | 2014-09-17 | yes |

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|------|--------|---|----------|------------------|-------------|--------|
| TS | 25.467 | UTRAN architecture for 3G Home Node B (HNB); Stage 2 | R3 | Yes | 2014-09-17 | yes |
| TS | 25.468 | UTRAN Iuh Interface RANAP User Adaption (RUA) signalling | R3 | Yes | 2014-09-17 | yes |
| TS | 25.469 | UTRAN Iuh interface Home Node B (HNB) Application Part (HNBAP) signalling | R3 | Yes | 2014-09-17 | yes |
| TS | 25.470 | UTRAN Iuh Interface PCAP User Adaption (PUA) signalling | R3 | Yes | 2014-09-17 | yes |
| TS | 25.471 | UTRAN Iurh interface Radio Network Subsystem Application Part (RNSAP) User Adaption (RNA) signalling | R3 | Yes | 2014-09-17 | yes |
| TS | 25.484 | Automatic Neighbour Relation (ANR) for UTRAN; Stage 2 | R3 | Yes | 2014-09-17 | yes |
| TR | 25.700 | Study on Further Enhanced Uplink (EUL) enhancements | R2 | No | 2014-09-17 | yes |
| TR | 25.701 | Study on scalable UMTS Frequency Division Duplex (FDD) bandwidth | R1 | No | 2014-09-17 | yes |
| TR | 25.702 | Study on Dedicated Channel (DCH) enhancements for UMTS | R1 | No | 2014-09-17 | yes |
| TR | 25.703 | Universal Terrestrial Radio Access (E-UTRA); Study on Home Node B (HNB) emergency warning area | R3 | No | 2014-09-17 | yes |
| TR | 25.704 | Study on enhanced broadcast of system information | R2 | No | 2014-09-17 | yes |
| TR | 25.800 | Technical Report on UMTS Heterogeneous Networks | R1 | No | 2014-09-17 | yes |
| TR | 25.903 | Continuous connectivity for packet data users | R1 | Yes | 2014-09-17 | yes |
| TR | 25.906 | Dynamically reconfiguring a Frequency Division Duplex (FDD) User Equipment (UE) receiver to reduce power consumption when desired Quality of Service (QoS) is met | R4 | Yes | 2014-09-17 | yes |
| TR | 25.912 | Feasibility study for evolved Universal Terrestrial Radio Access (UTRA) and Universal Terrestrial Radio Access Network (UTRAN) | RP | Yes | 2014-09-17 | yes |
| TR | 25.914 | Measurements of radio performances for UMTS terminals in speech mode | R4 | Yes | 2014-09-17 | yes |
| TR | 25.927 | Solutions for energy saving within UTRA Node B | R1 | No | 2014-09-17 | yes |
| TR | 25.929 | Continuous connectivity for packet data users; 1.28 Mcps TDD | R1 | Yes | 2014-09-17 | yes |
| TR | 25.931 | UTRAN functions, examples on signalling procedures | R3 | Yes | 2014-09-17 | yes |
| TR | 25.942 | Radio Frequency (RF) system scenarios | R4 | Yes | 2014-09-17 | yes |
| TR | 25.943 | Deployment aspects | R4 | Yes | 2014-09-17 | yes |
| TR | 25.951 | FDD Base Station (BS) classification | R4 | Yes | 2014-09-17 | yes |
| TR | 25.956 | Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis | R4 | Yes | 2014-09-17 | yes |
| TR | 25.963 | Feasibility study on interference cancellation for UTRA FDD User Equipment (UE) | R4 | Yes | 2014-09-17 | yes |
| TR | 25.967 | Home Node B (HNB) Radio Frequency (RF) requirements (FDD) | R4 | Yes | 2014-09-17 | yes |
| TR | 25.968 | 1.28 Mcps TDD Home NodeB Radio Frequency (RF) | R4 | Yes | 2014-09-17 | yes |
| TR | 25.992 | Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements | RP | Yes | 2014-09-17 | yes |
| TR | 25.993 | Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) | R2 | Yes | 2014-09-17 | yes |

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| TR | 25.996 | Spatial channel model for Multiple Input Multiple Output (MIMO) simulations | R1 | Yes | 2014-09-17 | yes |
| TS | 26.071 | Mandatory speech CODEC speech processing functions; AMR speech Codec; General description | S4 | Yes | 2014-09-17 | yes |
| TS | 26.073 | ANSI-C code for the Adaptive Multi Rate (AMR) speech codec | S4 | Yes | 2014-09-17 | yes |
| TS | 26.074 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec test sequences | S4 | Yes | 2014-09-17 | yes |
| TS | 26.077 | Minimum performance requirements for noise suppresser; Application to the Adaptive Multi-Rate (AMR) speech encoder | S4 | Yes | 2014-09-17 | yes |
| TS | 26.090 | Mandatory Speech Codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Transcoding functions | S4 | Yes | 2014-09-17 | yes |
| TS | 26.091 | Mandatory Speech Codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Error concealment of lost frames | S4 | Yes | 2014-09-17 | yes |
| TS | 26.092 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Comfort noise aspects | S4 | Yes | 2014-09-17 | yes |
| TS | 26.093 | Mandatory speech codec speech processing functions Adaptive Multi-Rate (AMR) speech codec; Source controlled rate operation | S4 | Yes | 2014-09-17 | yes |
| TS | 26.094 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Voice Activity Detector (VAD) | S4 | Yes | 2014-09-17 | yes |
| TS | 26.101 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure | S4 | Yes | 2014-09-17 | yes |
| TS | 26.102 | Mandatory speech codec; Adaptive Multi-Rate (AMR) speech codec; Interface to lu, Uu and Nb | S4 | Yes | 2014-09-17 | yes |
| TS | 26.103 | Speech codec list for GSM and UMTS | S4 | Yes | 2014-09-17 | yes |
| TS | 26.104 | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec | S4 | Yes | 2014-09-17 | yes |
| TS | 26.110 | Codec for circuit switched multimedia telephony service; General description | S4 | Yes | 2014-09-17 | yes |
| TS | 26.111 | Codec for circuit switched multimedia telephony service; Modifications to H.324 | S4 | Yes | 2014-09-17 | yes |
| TS | 26.114 | IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction | S4 | Yes | 2014-09-17 | yes |
| TS | 26.115 | Echo control for speech and multimedia services | S4 | Yes | 2014-09-17 | yes |
| TS | 26.131 | Terminal acoustic characteristics for telephony; Requirements | S4 | Yes | 2014-09-17 | yes |
| TS | 26.132 | Speech and video telephony terminal acoustic test specification | S4 | Yes | 2014-09-17 | yes |
| TS | 26.140 | Multimedia Messaging Service (MMS); Media formats and codecs | S4 | Yes | 2014-09-17 | yes |
| TS | 26.141 | IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs | S4 | Yes | 2014-09-17 | yes |
| TS | 26.142 | Dynamic and Interactive Multimedia Scenes (DIMS) | S4 | Yes | 2014-09-17 | yes |
| TS | 26.150 | Syndicated Feed Reception (SFR) within 3GPP environments; Protocols and codecs | S4 | Yes | 2014-09-17 | yes |
| TS | 26.171 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; General description | S4 | Yes | 2014-09-17 | yes |
| TS | 26.173 | ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-WB) speech codec | S4 | Yes | 2014-09-17 | yes |
| TS | 26.174 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec test sequences | S4 | Yes | 2014-09-17 | yes |
| TS | 26.177 | Speech Enabled Services (SES); Distributed Speech Recognition (DSR) extended advanced front-end test sequences | S4 | Yes | 2014-09-17 | yes |
| TS | 26.190 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Transcoding functions | S4 | Yes | 2014-09-17 | yes |

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|------|--------|---|----------|------------------|-------------|--------|
| 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 | 2014-09-17 | yes |
| TS | 26.192 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Comfort noise aspects | S4 | Yes | 2014-09-17 | yes |
| TS | 26.193 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Source controlled rate operation | S4 | Yes | 2014-09-17 | yes |
| TS | 26.194 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Voice Activity Detector (VAD) | S4 | Yes | 2014-09-17 | yes |
| TS | 26.201 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Frame structure | S4 | Yes | 2014-09-17 | yes |
| TS | 26.202 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Interface to lu, Uu and Nb | S4 | Yes | 2014-09-17 | yes |
| TS | 26.204 | Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; ANSI-C code | S4 | Yes | 2014-09-17 | yes |
| TS | 26.226 | Cellular text telephone modem; General description | S4 | Yes | 2014-09-17 | yes |
| TS | 26.230 | Cellular text telephone modem; Transmitter bit exact C-code | S4 | Yes | 2014-09-17 | yes |
| TS | 26.231 | Cellular text telephone modem; Minimum performance requirements | S4 | Yes | 2014-09-17 | yes |
| TS | 26.233 | Transparent end-to-end Packet-switched Streaming service (PSS); General description | S4 | Yes | 2014-09-17 | yes |
| TS | 26.234 | Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs | S4 | Yes | 2014-09-17 | yes |
| TS | 26.235 | Packet switched conversational multimedia applications; Default codecs | S4 | Yes | 2014-09-17 | yes |
| TS | 26.236 | Packet switched conversational multimedia applications; Transport protocols | S4 | Yes | 2014-09-17 | yes |
| TS | 26.237 | IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service; Protocols | S4 | Yes | 2014-09-17 | yes |
| TS | 26.243 | ANSI-C code for the fixed-point distributed speech recognition extended advanced front-end | S4 | Yes | 2014-09-17 | yes |
| TS | 26.244 | Transparent end-to-end packet switched streaming service (PSS); 3GPP file format (3GP) | S4 | Yes | 2014-09-17 | yes |
| TS | 26.245 | Transparent end-to-end Packet switched Streaming Service (PSS); Timed text format | S4 | Yes | 2014-09-17 | yes |
| TS | 26.246 | Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile | S4 | Yes | 2014-09-17 | yes |
| TS | 26.247 | Transparent end-to-end Packet-switched Streaming Service (PSS); Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) | S4 | Yes | 2014-09-17 | yes |
| TS | 26.267 | eCall data transfer; In-band modem solution; General description | S4 | Yes | 2014-09-17 | yes |
| TS | 26.268 | eCall data transfer; In-band modem solution; ANSI-C reference code | S4 | Yes | 2014-09-17 | yes |
| TS | 26.269 | eCall data transfer; In-band modem solution; Conformance testing | S4 | Yes | 2014-09-17 | yes |
| TS | 26.273 | ANSI-C code for the fixed-point Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec | S4 | Yes | 2014-09-17 | yes |
| TS | 26.274 | Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec; Conformance testing | S4 | Yes | 2014-09-17 | yes |
| TS | 26.290 | Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Transcoding functions | S4 | Yes | 2014-09-17 | yes |
| TS | 26.304 | Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; | S4 | Yes | 2014- | yes |

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| | | Floating-point ANSI-C code | | | 09-17 | |
| TS | 26.346 | Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs | S4 | Yes | 2014-09-17 | yes |
| TS | 26.401 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; General description | S4 | Yes | 2014-09-17 | yes |
| TS | 26.402 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Additional decoder tools | S4 | Yes | 2014-09-17 | yes |
| TS | 26.403 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Advanced Audio Coding (AAC) part | S4 | Yes | 2014-09-17 | yes |
| TS | 26.404 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Enhanced aacPlus encoder Spectral Band Replication (SBR) part | S4 | Yes | 2014-09-17 | yes |
| TS | 26.405 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification parametric stereo part | S4 | Yes | 2014-09-17 | yes |
| TS | 26.406 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Conformance testing | S4 | Yes | 2014-09-17 | yes |
| TS | 26.410 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Floating-point ANSI-C code | S4 | Yes | 2014-09-17 | yes |
| TS | 26.411 | General audio codec audio processing functions; Enhanced aacPlus general audio codec; Fixed-point ANSI-C code | S4 | Yes | 2014-09-17 | yes |
| TS | 26.412 | Source code for 3GP file format | S4 | Yes | 2014-09-17 | yes |
| TS | 26.430 | Timed graphics | S4 | Yes | 2014-09-17 | yes |
| TS | 26.441 | Codec for Enhanced Voice Services (EVS); General overview | S4 | Yes | 2014-09-17 | yes |
| TS | 26.442 | Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) | S4 | Yes | 2014-09-17 | yes |
| TS | 26.443 | Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) | S4 | Yes | 2014-12-12 | yes |
| TS | 26.444 | Codec for Enhanced Voice Services (EVS); Test sequences | S4 | Yes | 2014-09-17 | yes |
| TS | 26.445 | Codec for Enhanced Voice Services (EVS); Detailed algorithmic description | S4 | Yes | 2014-09-17 | yes |
| TS | 26.446 | Codec for Enhanced Voice Services (EVS); Adaptive Multi-Rate - Wideband (AMR-WB) backward compatible functions | S4 | Yes | 2014-09-17 | yes |
| TS | 26.447 | Codec for Enhanced Voice Services (EVS); Error concealment of lost packets | S4 | Yes | 2014-09-17 | yes |
| TS | 26.448 | Codec for Enhanced Voice Services (EVS); Jitter buffer management | S4 | Yes | 2014-09-17 | yes |
| TS | 26.449 | Codec for Enhanced Voice Services (EVS); Comfort Noise Generation (CNG) aspects | S4 | Yes | 2014-09-17 | yes |
| TS | 26.450 | Codec for Enhanced Voice Services (EVS); Discontinuous Transmission (DTX) | S4 | Yes | 2014-09-17 | yes |
| TS | 26.451 | Codec for Enhanced Voice Services (EVS); Voice Activity Detection (VAD) | S4 | Yes | 2014-09-17 | yes |
| TR | 26.827 | IP Multimedia Subsystem (IMS) based streaming and download delivery enhancements | S4 | No | 2014-09-17 | yes |
| TR | 26.848 | Multimedia Broadcast/Multicast Service (MBMS); Enhanced MBMS operation | S4 | No | 2014-12-12 | yes |
| TR | 26.849 | Multimedia Broadcast/Multicast Service (MBMS) improvements; MBMS operation on demand | S4 | No | 2014-12-12 | yes |
| TR | 26.902 | Video codec performance | S4 | Yes | 2014-09-17 | yes |
| TR | 26.903 | Improved video support for Packet Switched Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) Services | S4 | Yes | 2014-09-17 | yes |

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| TR | 26.904 | Improved video coding support | S4 | Yes | 2014-09-17 | yes |
| TR | 26.905 | Mobile stereoscopic 3D video | S4 | Yes | 2014-09-17 | yes |
| TR | 26.906 | Evaluation of High Efficiency Video Coding (HEVC) for 3GPP services | S4 | Yes | 2014-09-17 | yes |
| TR | 26.907 | HTML5 for a new presentation layer in 3GPP services | S4 | Yes | 2014-09-17 | yes |
| TR | 26.911 | Codec(s) for Circuit-Switched (CS) multimedia telephony service; Terminal implementor"s guide | S4 | Yes | 2014-09-17 | yes |
| TR | 26.914 | Multimedia telephony over IP Multimedia Subsystem (IMS); Optimization opportunities | S4 | Yes | 2014-09-17 | yes |
| TR | 26.935 | Packet Switched (PS) conversational multimedia applications; Performance characterisation of default codecs | S4 | Yes | 2014-09-17 | yes |
| TR | 26.936 | Performance characterization of 3GPP audio codecs | S4 | Yes | 2014-09-17 | yes |
| TR | 26.937 | Transparent end-to-end Packet-switched Streaming Service (PSS); Real-time Transport Protocol (RTP) usage model | S4 | Yes | 2014-09-17 | yes |
| TR | 26.938 | Packet-switched Streaming Service (PSS); Improved support for dynamic adaptive streaming over HTTP in 3GPP | S4 | No | 2014-09-17 | yes |
| TR | 26.943 | Recognition performance evaluations of codecs for Speech Enabled Services (SES) | S4 | Yes | 2014-09-17 | yes |
| TR | 26.944 | End-to-end multimedia services performance metrics | S4 | Yes | 2014-09-17 | yes |
| TR | 26.946 | Multimedia Broadcast/Multicast Service (MBMS) user service guidelines | S4 | Yes | 2014-09-17 | yes |
| TR | 26.947 | Multimedia Broadcast/Multicast Service (MBMS); Selection and characterisation of application layer Forward Error Correction (FEC) | S4 | Yes | 2014-09-17 | yes |
| TR | 26.950 | Study on Surround Sound codec extension for Packet Switched Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) | S4 | Yes | 2014-09-17 | yes |
| TR | 26.952 | Codec for Enhanced Voice Services (EVS); Performance characterization | S4 | Yes | 2014-12-12 | yes |
| TR | 26.967 | eCall data transfer; In-band modem solution | S4 | Yes | 2014-09-17 | yes |
| TR | 26.969 | eCall data transfer; In-band modem solution; Characterization report | S4 | Yes | 2014-09-17 | yes |
| TR | 26.975 | Performance characterization of the Adaptive Multi-Rate (AMR) speech codec | S4 | Yes | 2014-09-17 | yes |
| TR | 26.976 | Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec | S4 | Yes | 2014-09-17 | yes |
| TR | 26.978 | Results of the Adaptive Multi-Rate (AMR) noise suppression selection phase | S4 | Yes | 2014-09-17 | yes |
| TS | 27.001 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | C3 | Yes | 2014-09-17 | yes |
| TS | 27.002 | Terminal Adaptation Functions (TAF) for services using asynchronous bearer capabilities | C3 | Yes | 2014-09-17 | yes |
| TS | 27.003 | Terminal Adaptation Functions (TAF) for services using synchronous bearer capabilities | C3 | Yes | 2014-09-17 | 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 | 2014-09-17 | yes |
| TS | 27.007 | AT command set for User Equipment (UE) | C1 | Yes | 2014-09-17 | yes |
| TS | 27.010 | Terminal Equipment to User Equipment (TE-UE) multiplexer protocol | C3 | Yes | 2014-09-17 | yes |
| TS | 27.060 | Packet domain; Mobile Station (MS) supporting Packet Switched | C3 | Yes | 2014- | yes |

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| | | services | | | 09-17 | |
| TS | 28.062 | Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3 | S4 | Yes | 2014-09-17 | yes |
| TS | 28.390 | Telecommunication management; Fixed Mobile Convergence (FMC); Interface Integration Reference Point (IRP) Solution Profiles (SPs) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.402 | Telecommunication management; Performance Management (PM); Performance measurements for Evolved Packet Core (EPC) and non-3GPP access interworking system | S5 | Yes | 2014-09-17 | yes |
| TS | 28.611 | Telecommunication management; Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.612 | Telecommunication management; Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.616 | Telecommunication management; Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.620 | Telecommunication management; Fixed Mobile Convergence (FMC) Federated Network Information Model (FNIM) Umbrella Information Model (UIM) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.621 | Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.622 | Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.623 | Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.624 | Telecommunication management; State management data definition Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.625 | Telecommunication management; State management data definition Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.626 | Telecommunication management; State management data definition Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.627 | Telecommunication management; Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.628 | Telecommunication management; Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.629 | Telecommunication management; Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.631 | Telecommunication management; Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.632 | Telecommunication management; Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.633 | Telecommunication management; Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.651 | Telecommunication management; Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |

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| TS | 28.652 | Telecommunication management; Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.653 | Telecommunication management; Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.654 | Telecommunication management; GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.655 | Telecommunication management; GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.656 | Telecommunication management; GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.657 | Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.658 | Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.659 | Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.661 | Telecommunication management; Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.662 | Telecommunication management; Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.663 | Telecommunication management; Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.667 | Telecommunication management; Radio Planning Tool Access (RPTA) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-12-12 | yes |
| TS | 28.668 | Telecommunication management; Radio Planning Tool Access (RPTA) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-12-12 | yes |
| TS | 28.669 | Telecommunication management; Radio Planning Tool Access (RPTA) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-12-12 | yes |
| TS | 28.671 | Telecommunication management; Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.672 | Telecommunication management; Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.673 | Telecommunication management; Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.674 | Telecommunication management; Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.675 | Telecommunication management; Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.676 | Telecommunication management; Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.701 | Telecommunication management; Core Network (CN) Network | S5 | Yes | 2014- | yes |

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| | | Resource Model (NRM) Integration Reference Point (IRP); Requirements | | | 09-17 | |
| TS | 28.702 | Telecommunication management; Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.703 | Telecommunication management; Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.704 | Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.705 | Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.706 | Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.707 | Telecommunication management; Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.708 | Telecommunication management; Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.709 | Telecommunication management; Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.731 | Telecommunication management; Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.732 | Telecommunication management; Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.733 | Telecommunication management; Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.734 | Telecommunication management; Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.735 | Telecommunication management; Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.736 | Telecommunication management; Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 28.751 | Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 28.752 | Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 28.753 | Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TR | 28.820 | Telecommunication management; Fixed Mobile Convergence (FMC) Federated Network Operation Model (FNOM) Umbrella Operation Model (UOM) | S5 | No | 2014-09-17 | yes |
| TS | 29.002 | Mobile Application Part (MAP) specification | C4 | Yes | 2014-09-17 | yes |
| TS | 29.007 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital | C3 | Yes | 2014-09-17 | yes |

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| | | Network (ISDN) or Public Switched Telephone Network (PSTN) | | | | |
| TS | 29.010 | Information element mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MSC); Signalling Procedures and the Mobile Application Part (MAP) | C4 | Yes | 2014-09-17 | yes |
| TS | 29.011 | Signalling Interworking for supplementary services | C4 | Yes | 2014-09-17 | yes |
| TS | 29.013 | Signalling interworking between ISDN supplementary services; Application Service Element (ASE) and Mobile Application Part (MAP) protocols | C4 | Yes | 2014-09-17 | yes |
| TS | 29.016 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification | C1 | Yes | 2014-09-17 | yes |
| TS | 29.018 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | C1 | Yes | 2014-09-17 | yes |
| TS | 29.060 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | C4 | Yes | 2014-09-17 | yes |
| TS | 29.061 | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) | C3 | Yes | 2014-09-17 | yes |
| TS | 29.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase X; CAMEL Application Part (CAP) specification | C4 | Yes | 2014-09-17 | yes |
| TS | 29.079 | Optimal media routeing within the IP Multimedia Subsystem (IMS); Stage 3 | C3 | Yes | 2014-09-17 | yes |
| TS | 29.108 | Application of the Radio Access Network Application Part (RANAP) on the E-interface | R3 | Yes | 2014-09-17 | yes |
| TS | 29.109 | Generic Authentication Architecture (GAA); Zh and Zn Interfaces based on the Diameter protocol; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.118 | Mobility Management Entity (MME) - Visitor Location Register (VLR) SGs interface specification | C1 | Yes | 2014-09-17 | yes |
| TS | 29.119 | GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR) | C4 | Yes | 2014-09-17 | yes |
| TS | 29.120 | Mobile Application Part (MAP) specification for Gateway Location Register (GLR) | C4 | Yes | 2014-09-17 | yes |
| TS | 29.139 | 3GPP system - fixed broadband access network interworking; Home (e)Node B - security gateway interface | C4 | Yes | 2014-09-17 | yes |
| TS | 29.162 | Interworking between the IM CN subsystem and IP networks | C3 | Yes | 2014-09-17 | yes |
| TS | 29.163 | Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks | C3 | Yes | 2014-09-17 | yes |
| TS | 29.164 | Interworking between the 3GPP CS domain with BICC or ISUP as signalling protocol and external SIP-I networks | C3 | Yes | 2014-09-17 | yes |
| TS | 29.165 | Inter-IMS Network to Network Interface (NNI) | C3 | Yes | 2014-09-17 | yes |
| TS | 29.168 | Cell Broadcast Centre interfaces with the Evolved Packet Core; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.171 | Location Services (LCS); LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC); SLs interface | C4 | Yes | 2014-09-17 | yes |
| TS | 29.172 | Location Services (LCS); Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME); SLg interface | C4 | Yes | 2014-09-17 | yes |
| TS | 29.173 | Location Services (LCS); Diameter-based SLh interface for Control Plane LCS | C4 | Yes | 2014-09-17 | yes |
| TS | 29.201 | Representational State Transfer (REST) reference point between Application Function (AF) and Protocol Converter (PC) | C3 | Yes | 2014-09-17 | yes |
| TS | 29.202 | Signalling System No. 7 (SS7) signalling transport in core network; Stage 3 | C4 | Yes | 2014-09-17 | yes |

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| TS | 29.204 | Signalling System No. 7 (SS7) security gateway; Architecture, functional description and protocol details | C4 | Yes | 2014-09-17 | yes |
| TS | 29.205 | Application of Q.1900 series to bearer independent Circuit Switched (CS) core network architecture; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.212 | Policy and Charging Control (PCC); Reference points | C3 | Yes | 2014-09-17 | yes |
| TS | 29.213 | Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping | C3 | Yes | 2014-09-17 | yes |
| TS | 29.214 | Policy and charging control over Rx reference point | C3 | Yes | 2014-09-17 | yes |
| TS | 29.215 | Policy and Charging Control (PCC) over S9 reference point; Stage 3 | C3 | Yes | 2014-09-17 | yes |
| TS | 29.219 | Policy and charging control: Spending limit reporting over Sy reference point | C3 | Yes | 2014-09-17 | yes |
| TS | 29.228 | IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents | C4 | Yes | 2014-09-17 | yes |
| TS | 29.229 | Cx and Dx interfaces based on the Diameter protocol; Protocol details | C4 | Yes | 2014-09-17 | yes |
| TS | 29.230 | Diameter applications; 3GPP specific codes and identifiers | C4 | Yes | 2014-09-17 | yes |
| TS | 29.231 | Application of SIP-I Protocols to Circuit Switched (CS) core network architecture; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.232 | Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.235 | Interworking between SIP-I based circuit-switched core network and other networks | C3 | Yes | 2014-09-17 | yes |
| TS | 29.238 | Interconnection Border Control Functions (IBCF) - Transition Gateway (TrGW) interface, Ix interface; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.240 | 3GPP Generic User Profile (GUP); Stage 3; Network | C4 | Yes | 2014-09-17 | 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 | 2014-09-17 | yes |
| TS | 29.273 | Evolved Packet System (EPS); 3GPP EPS AAA interfaces | C4 | Yes | 2014-09-17 | 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 | 2014-09-17 | yes |
| TS | 29.275 | Proxy Mobile IPv6 (PMIPv6) based Mobility and Tunnelling protocols; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.276 | 3GPP Evolved Packet System (EPS); Optimized handover procedures and protocols between E-UTRAN access and cdma2000 HRPD Access; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.277 | Optimised handover procedures and protocol between EUTRAN access and non-3GPP accesses (S102); Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.278 | Customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 4; CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS) | C4 | Yes | 2014-09-17 | yes |
| TS | 29.279 | Mobile IPv4 (MIPv4) based mobility protocols; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.280 | Evolved Packet System (EPS); 3GPP Sv interface (MME to MSC, and SGSN to MSC) for SRVCC | C4 | Yes | 2014-09-17 | yes |
| TS | 29.281 | General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) | C4 | Yes | 2014-09-17 | yes |
| TS | 29.282 | Mobile IPv6 vendor specific option format and usage within 3GPP | C4 | Yes | 2014-09-17 | yes |
| TS | 29.292 | Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services | C3 | Yes | 2014-09-17 | yes |

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| | | (ICS) | | | | |
| TS | 29.303 | Domain Name System Procedures; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.305 | InterWorking Function (IWF) between MAP based and Diameter based interfaces | C4 | Yes | 2014-09-17 | yes |
| TS | 29.311 | Service Level Interworking (SLI) for messaging services | C3 | Yes | 2014-09-17 | yes |
| TS | 29.328 | IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents | C4 | Yes | 2014-09-17 | yes |
| TS | 29.329 | Sh interface based on the Diameter protocol; Protocol details | C4 | Yes | 2014-09-17 | yes |
| TS | 29.332 | Media Gateway Control Function (MGCF) - IM Media Gateway; Mn interface | C4 | Yes | 2014-09-17 | yes |
| TS | 29.333 | Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.334 | IMS Application Level Gateway (IMS-ALG) - IMS Access Gateway (IMS-AGW); Iq Interface; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.335 | User Data Convergence (UDC); User data repository access protocol over the Ud interface; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.336 | Home Subscriber Server (HSS) diameter interfaces for interworking with packet data networks and applications | C4 | Yes | 2014-09-17 | yes |
| TS | 29.337 | Diameter-based T4 Interface for communications with packet data networks and applications | C4 | Yes | 2014-09-17 | yes |
| TS | 29.338 | Diameter based protocols to support Short Message Service (SMS) capable Mobile Management Entities (MMEs) | C4 | Yes | 2014-09-17 | yes |
| TS | 29.343 | Proximity-services (ProSe) function to ProSe application server aspects (PC2); Stage 3 | C3 | Yes | 2014-09-17 | yes |
| TS | 29.344 | Proximity-services (ProSe) function to Home Subscriber Server (HSS) aspects; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.345 | Inter-Proximity-services (ProSe) function signalling aspects; Stage 3 | C4 | Yes | 2014-09-17 | yes |
| TS | 29.364 | IP Multimedia Subsystem (IMS) Application Server (AS) service data descriptions for AS interoperability | C4 | Yes | 2014-09-17 | yes |
| TS | 29.368 | Tsp interface protocol between the MTC Interworking Function (MTC-IWF) and Service Capability Server (SCS) | C3 | Yes | 2014-09-17 | yes |
| TS | 29.414 | Core network Nb data transport and transport signalling | C3 | Yes | 2014-09-17 | yes |
| TS | 29.415 | Core network Nb interface user plane protocols | C3 | Yes | 2014-09-17 | yes |
| TS | 29.468 | Group Communication System Enablers for LTE (GCSE_LTE); MB2 reference point; Stage 3 | C3 | Yes | 2014-09-17 | yes |
| TS | 29.658 | SIP Transfer of IP Multimedia Service Tariff Information; Protocol specification | C3 | Yes | 2014-09-17 | yes |
| TR | 29.806 | Study on IP Multimedia Subsystem (IMS) Proxy Call Session Control Function (P-CSCF) restoration procedures | C4 | No | 2014-09-17 | yes |
| TR | 29.807 | Study on General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTP-C) overload control mechanisms | C4 | No | 2014-09-17 | yes |
| TR | 29.809 | Study on Diameter overload control mechanisms | C4 | No | 2014-09-17 | yes |
| TR | 29.817 | Study on eXtensible Markup Language (XML) based access of the Application Function (AF) to the Policy and Charging Rules Function (PCRF) | C3 | No | 2014-09-17 | yes |
| TR | 29.828 | Study on extended IP Multimedia Subsystem (IMS) media plane security features and Transmission Control Protocol (TCP) related Network Address Translation (NAT) traversal support; IMS H.248 profiles aspects | C4 | No | 2014-09-17 | yes |
| TR | 29.854 | Study on shared data update for multiple subscribers | C4 | No | 2014-09-17 | yes |

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| TR | 29.909 | Diameter-based protocols usage and recommendations in 3GPP | C3 | Yes | 2014-09-17 | yes |
| TR | 29.935 | Study on User Data Convergence (UDC) data model | C4 | Yes | 2014-09-17 | yes |
| TR | 29.949 | Study on technical aspects on roaming end-to-end scenarios with Voice over LTE (VoLTE) IP Multimedia Subsystem (IMS) and other networks | C3 | Yes | 2014-12-09 | yes |
| TR | 29.994 | Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults | C1 | Yes | 2014-09-17 | yes |
| TR | 30.007 | Guideline on WI/SI for new Operating Bands | RP | No | | |
| TS | 31.101 | UICC-terminal interface; Physical and logical characteristics | C6 | Yes | 2014-09-17 | yes |
| TS | 31.102 | Characteristics of the Universal Subscriber Identity Module (USIM) application | C6 | Yes | 2014-09-17 | yes |
| TS | 31.103 | Characteristics of the IP Multimedia Services Identity Module (ISIM) application | C6 | Yes | 2014-09-17 | yes |
| TS | 31.104 | Characteristics of the Hosting Party Subscription Identity Module (HPSIM) application | C6 | Yes | 2014-09-17 | yes |
| TS | 31.111 | Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) | C6 | Yes | 2014-09-17 | yes |
| TS | 31.115 | Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications | C6 | Yes | 2014-09-17 | yes |
| TS | 31.116 | Remote APDU Structure for (U)SIM Toolkit applications | C6 | Yes | 2014-09-17 | yes |
| TS | 31.120 | UICC-terminal interface; Physical, electrical and logical test specification | C6 | Yes | 2014-09-17 | yes |
| TS | 31.121 | UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification | C6 | Yes | 2014-09-17 | yes |
| TS | 31.122 | Universal Subscriber Identity Module (USIM) conformance test specification | C6 | Yes | 2014-09-17 | yes |
| TS | 31.124 | Mobile Equipment (ME) conformance test specification; Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification | C6 | Yes | 2014-09-17 | yes |
| TS | 31.130 | (U)SIM Application Programming Interface (API); (U)SIM API for Java™ Card | C6 | Yes | 2014-09-17 | yes |
| TS | 31.131 | C-language binding to (U)SIM API | C6 | Yes | 2014-09-17 | yes |
| TS | 31.133 | IP Multimedia Services Identity Module (ISIM) Application Programming Interface (API); ISIM API for Java Card™ | C6 | Yes | 2014-09-17 | yes |
| TS | 31.134 | Mobile Equipment (ME) conformance test specification; IP Multimedia Services Identity Module (ISIM) interworking with IP Multimedia Subsystem (IMS) test specification | C6 | Yes | | |
| TS | 31.213 | Test specification for (U)SIM; Application Programming Interface (API) for Java Card™ | C6 | Yes | 2014-09-17 | yes |
| TS | 31.220 | Characteristics of the Contact Manager for 3GPP UICC applications | C6 | Yes | 2014-09-17 | yes |
| TS | 31.221 | Contact Manager Application Programming Interface (API); Contact Manager API for Java Card | C6 | Yes | 2014-09-17 | yes |
| TR | 31.900 | SIM/USIM internal and external interworking aspects | C6 | Yes | 2014-09-17 | yes |
| TS | 32.101 | Telecommunication management; Principles and high level requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.102 | Telecommunication management; Architecture | S5 | Yes | 2014-09-17 | yes |
| TS | 32.103 | Telecommunication management; Integration Reference Point (IRP) overview and usage guide | S5 | Yes | 2014-09-17 | yes |
| TS | 32.107 | Telecommunication management; Fixed Mobile Convergence (FMC) Federated Network Information Model (FNIM) | S5 | Yes | 2014-09-17 | yes |

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| TS | 32.111-1 | Telecommunication management; Fault Management; Part 1: 3G fault management requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.111-2 | Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.111-6 | Telecommunication management; Fault Management; Part 6: Alarm Integration Reference Point (IRP): Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.121 | Telecommunication management; Advanced Alarm Management (AAM) Integration Reference Point (IRP): Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.122 | Telecommunication management; Advanced Alarm Management (AAM) Integration Reference Point (IRP): Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.126 | Telecommunication management; Advanced Alarm Management (AAM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.130 | Telecommunication management; Network sharing; Concepts and requirements | S5 | Yes | 2014-12-12 | yes |
| TS | 32.140 | Telecommunication management; Subscription Management (SuM) requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.141 | Telecommunication management; Subscription Management (SuM) architecture | S5 | Yes | 2014-09-17 | yes |
| TS | 32.150 | Telecommunication management; Integration Reference Point (IRP) Concept and definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.151 | Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template | S5 | Yes | 2014-09-17 | yes |
| TS | 32.152 | Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire | S5 | Yes | 2014-09-17 | yes |
| TS | 32.153 | Telecommunication management; Integration Reference Point (IRP) technology specific templates, rules and guidelines | S5 | Yes | 2014-09-17 | yes |
| TS | 32.154 | Telecommunication management; Backward and Forward Compatibility (BFC); Concept and definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.155 | Telecommunication management; Requirements template | S5 | Yes | 2014-09-17 | yes |
| TS | 32.156 | Telecommunication management; Fixed Mobile Convergence (FMC) model repertoire | S5 | Yes | 2014-09-17 | yes |
| TS | 32.157 | Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template | S5 | Yes | 2014-09-17 | yes |
| TS | 32.181 | Telecommunication management; User Data Convergence (UDC); Framework for Model Handling and Management | S5 | Yes | 2014-09-17 | yes |
| TS | 32.182 | Telecommunication management; User Data Convergence (UDC); Common baseline information model (CBIM) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.240 | Telecommunication management; Charging management; Charging architecture and principles | S5 | Yes | 2014-09-17 | yes |
| TS | 32.250 | Telecommunication management; Charging management; Circuit Switched (CS) domain charging | S5 | Yes | 2014-09-17 | yes |
| TS | 32.251 | Telecommunication management; Charging management; Packet Switched (PS) domain charging | S5 | Yes | 2014-09-17 | yes |
| TS | 32.260 | Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging | S5 | Yes | 2014-09-17 | yes |
| TS | 32.270 | Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging | S5 | Yes | 2014-09-17 | yes |
| TS | 32.271 | Telecommunication management; Charging management; Location Services (LCS) charging | S5 | Yes | 2014-09-17 | yes |
| TS | 32.272 | Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging | S5 | Yes | 2014-09-17 | yes |
| TS | 32.273 | Telecommunication management; Charging management; Multimedia Broadcast and Multicast Service (MBMS) charging | S5 | Yes | 2014-09-17 | yes |
| TS | 32.274 | Telecommunication management; Charging management; Short | S5 | Yes | 2014- | yes |

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| | | Message Service (SMS) charging | | | 09-17 | |
| TS | 32.275 | Telecommunication management; Charging management; MultiMedia Telephony (MMTel) charging | S5 | Yes | 2014-09-17 | yes |
| TS | 32.276 | Telecommunication management; Charging management; Voice Call Service (VCS) charging | S5 | Yes | 2014-09-17 | yes |
| TS | 32.277 | Telecommunication management; Charging management; Proximity-based Services (ProSe) charging | S5 | Yes | 2014-12-12 | yes |
| TS | 32.280 | Telecommunication management; Charging management; Advice of Charge (AoC) service | S5 | Yes | 2014-09-17 | yes |
| TS | 32.293 | Telecommunication management; Charging management; Proxy function | S5 | Yes | 2014-09-17 | yes |
| TS | 32.295 | Telecommunication management; Charging management; Charging Data Record (CDR) transfer | S5 | Yes | 2014-09-17 | yes |
| TS | 32.296 | Telecommunication management; Charging management; Online Charging System (OCS): Applications and interfaces | S5 | Yes | 2014-09-17 | yes |
| TS | 32.297 | Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer | S5 | Yes | 2014-09-17 | yes |
| TS | 32.298 | Telecommunication management; Charging management; Charging Data Record (CDR) parameter description | S5 | Yes | 2014-09-17 | yes |
| TS | 32.299 | Telecommunication management; Charging management; Diameter charging applications | S5 | Yes | 2014-09-17 | yes |
| TS | 32.300 | Telecommunication management; Configuration Management (CM); Name convention for Managed Objects | S5 | Yes | 2014-09-17 | yes |
| TS | 32.301 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.302 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.306 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.311 | Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.312 | Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.316 | Telecommunication management; Generic Integration Reference Point (IRP) management; Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.321 | Telecommunication management; Test management Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.322 | Telecommunication management; Test management Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.326 | Telecommunication management; Test management Integration Reference Point (IRP): Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.331 | Telecommunication management; Notification Log (NL) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.332 | Telecommunication management; Notification Log (NL) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.336 | Telecommunication management; Notification Log (NL) Integration Reference Point (IRP): Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.341 | Telecommunication management; File Transfer (FT) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.342 | Telecommunication management; File Transfer (FT) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.346 | Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.351 | Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |

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| TS | 32.352 | Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.356 | Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.361 | Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.362 | Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.366 | Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.371 | Telecommunication management; Security Management concept and requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.372 | Telecommunication management; Security services for Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.376 | Telecommunication management; Security services for Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.381 | Telecommunication management; Partial Suspension of If-N Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.382 | Telecommunication management; Partial Suspension of If-N Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.386 | Telecommunication management; Partial Suspension of If-N Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.391 | Telecommunication management; Delta synchronization Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.392 | Telecommunication management; Delta synchronization Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.396 | Telecommunication management; Delta synchronization Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.401 | Telecommunication management; Performance Management (PM); Concept and requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.404 | Telecommunication management; Performance Management (PM); Performance measurements; Definitions and template | S5 | Yes | 2014-09-17 | yes |
| TS | 32.405 | Telecommunication management; Performance Management (PM); Performance measurements; Universal Terrestrial Radio Access Network (UTRAN) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.406 | Telecommunication management; Performance Management (PM); Performance measurements; Core Network (CN) Packet Switched (PS) domain | S5 | Yes | 2014-09-17 | yes |
| TS | 32.407 | Telecommunication management; Performance Management (PM); Performance measurements; Core Network (CN) Circuit Switched (CS) domain; UMTS and combined UMTS/GSM | S5 | Yes | 2014-09-17 | yes |
| TS | 32.408 | Telecommunication management; Performance Management (PM); Performance measurements; Teleservice | S5 | Yes | 2014-09-17 | yes |
| TS | 32.409 | Telecommunication management; Performance Management (PM); Performance measurements; IP Multimedia Subsystem (IMS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.410 | Telecommunication management; Key Performance Indicators (KPI) for UMTS and GSM | S5 | Yes | 2014-09-17 | yes |
| TS | 32.411 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.412 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.416 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.421 | Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements | S5 | Yes | 2014-09-17 | yes |

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| TS | 32.422 | Telecommunication management; Subscriber and equipment trace; Trace control and configuration management | S5 | Yes | 2014-09-17 | yes |
| TS | 32.423 | Telecommunication management; Subscriber and equipment trace; Trace data definition and management | S5 | Yes | 2014-09-17 | yes |
| TS | 32.432 | Telecommunication management; Performance measurement: File format definition | S5 | Yes | 2014-09-17 | yes |
| TS | 32.435 | Telecommunication management; Performance measurement; eXtensible Markup Language (XML) file format definition | S5 | Yes | 2014-09-17 | yes |
| TS | 32.436 | Telecommunication management; Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition | S5 | Yes | 2014-09-17 | yes |
| TS | 32.441 | Telecommunication management; Trace Management Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.442 | Telecommunication management; Trace Management Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.446 | Telecommunication management; Trace Management Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.450 | Telecommunication management; Key Performance Indicators (KPI) for Evolved Universal Terrestrial Radio Access Network (E-UTRAN): Definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.451 | Telecommunication management; Key Performance Indicators (KPI) for Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.452 | Telecommunication management; Performance Management (PM); Performance measurements Home Node B (HNB) Subsystem (HNS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.453 | Telecommunication management; Performance Management (PM); Performance measurements Home enhanced Node B (HeNB) Subsystem (HeNS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.454 | Telecommunication management; Key Performance Indicators (KPI) for the IP Multimedia Subsystem (IMS); Definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.500 | Telecommunication management; Self-Organizing Networks (SON); Concepts and requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.501 | Telecommunication management; Self-configuration of network elements; Concepts and requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.502 | Telecommunication management; Self-configuration of network elements Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.506 | Telecommunication management; Self-configuration of network elements Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.508 | Telecommunication management; Procedure flows for multi-vendor plug-and-play eNode B connection to the network | S5 | Yes | 2014-09-17 | yes |
| TS | 32.509 | Telecommunication management; Data formats for multi-vendor plug and play eNode B connection to the network | S5 | Yes | 2014-09-17 | yes |
| TS | 32.511 | Telecommunication management; Automatic Neighbour Relation (ANR) management; Concepts and requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.531 | Telecommunication management; Software management (SwM); Concepts and Integration Reference Point (IRP) Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.532 | Telecommunication management; Software management (SwM); Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.536 | Telecommunication management; Software management Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.541 | Telecommunication management; Self-Organizing Networks (SON); Self-healing concepts and requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.551 | Telecommunication management; Energy Saving Management (ESM); Concepts and requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.571 | Telecommunication management; Home Node B (HNB) and Home eNode B (HeNB) management; Type 2 interface concepts and requirements | S5 | Yes | 2014-09-17 | yes |

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|------|--------|---|----------|------------------|-------------|--------|
| TS | 32.572 | Telecommunication management; Home Node B (HNB) and Home eNode B (HeNB) management; Type 2 interface models and mapping functions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.581 | Telecommunication 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 | 2014-09-17 | yes |
| TS | 32.582 | Telecommunication 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 | 2014-09-17 | yes |
| TS | 32.583 | Telecommunication 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 | 2014-09-17 | yes |
| TS | 32.584 | Telecommunication 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 | 2014-09-17 | yes |
| TS | 32.600 | Telecommunication management; Configuration Management (CM); Concept and high-level requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.601 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.602 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.606 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.611 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.612 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.616 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.661 | Telecommunication management; Configuration Management (CM); Kernel CM Requirements | S5 | Yes | 2014-09-17 | yes |
| TS | 32.662 | Telecommunication management; Configuration Management (CM); Kernel CM Information Service (IS) | S5 | Yes | 2014-09-17 | yes |
| TS | 32.666 | Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Solution Set (SS) definitions | S5 | Yes | 2014-09-17 | yes |
| TS | 32.690 | Telecommunication management; Inventory Management (IM); Requirements | S5 | Yes | 2014-09-17 | yes |
| TR | 32.830 | Telecommunication management; Study on version handling over ltf-N | S5 | No | 2014-09-17 | yes |
| TR | 32.835 | Telecommunication management; Study of heterogeneous networks management | S5 | No | 2014-09-17 | yes |
| TR | 32.836 | Telecommunication management; Study on Network Management (NM) centralized Coverage and Capacity Optimization (CCO) Self-Organizing Networks (SON) function | S5 | No | 2014-09-17 | yes |
| TR | 32.841 | Telecommunication management; Study on Wireless Local Area Network (WLAN) management | S5 | No | 2014-09-17 | yes |
| TR | 32.844 | Study of charging support of Proximity-based Services (ProSe) direct communication for public safety use | S5 | No | 2014-12-12 | yes |
| TR | 32.851 | Telecommunication management; Study on Operations, Administration and Maintenance (OAM) aspects of Network Sharing | S5 | No | 2014-09-17 | yes |

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|------|--------|--|----------|------------------|-------------|--------|
| TR | 32.858 | Usage Monitoring Control OCS enhancement | S5 | No | | |
| TR | 32.859 | Telecommunication management; Study on Alarm Management | S5 | No | 2014-09-17 | yes |
| TR | 32.860 | Telecommunication management; Study on enhancement of OAM aspects of distributed Self-Organizing Network (SON) functions | S5 | No | | |
| TR | 32.901 | Telecommunication management; Study on User Data Convergence (UDC) information model handling and provisioning: Example use cases | S5 | Yes | 2014-09-17 | yes |
| TS | 33.102 | 3G security; Security architecture | S3 | Yes | 2014-09-17 | yes |
| TS | 33.105 | 3G Security; Cryptographic algorithm requirements | S3 | Yes | 2014-09-17 | yes |
| TS | 33.106 | 3G security; Lawful interception requirements | S3 | Yes | 2014-09-17 | yes |
| TS | 33.107 | 3G security; Lawful interception architecture and functions | S3 | Yes | 2014-09-17 | yes |
| TS | 33.108 | 3G security; Handover interface for Lawful Interception (LI) | S3 | Yes | 2014-09-17 | yes |
| TS | 33.110 | Key establishment between a Universal Integrated Circuit Card (UICC) and a terminal | S3 | Yes | 2014-09-17 | yes |
| TS | 33.141 | Presence service; Security | S3 | Yes | 2014-09-17 | yes |
| TS | 33.187 | Security aspects of Machine-Type Communications (MTC) and other mobile data applications communications enhancements | S3 | Yes | 2014-09-17 | yes |
| TS | 33.203 | 3G security; Access security for IP-based services | S3 | Yes | 2014-09-17 | yes |
| TS | 33.204 | 3G Security; Network Domain Security (NDS); Transaction Capabilities Application Part (TCAP) user security | S3 | Yes | 2014-09-17 | yes |
| TS | 33.210 | 3G security; Network Domain Security (NDS); IP network layer security | S3 | Yes | 2014-09-17 | yes |
| TS | 33.220 | Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) | S3 | Yes | 2014-09-17 | yes |
| TS | 33.221 | Generic Authentication Architecture (GAA); Support for subscriber certificates | S3 | Yes | 2014-09-17 | yes |
| TS | 33.222 | Generic Authentication Architecture (GAA); Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS) | S3 | Yes | 2014-09-17 | yes |
| TS | 33.223 | Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) Push function | S3 | Yes | 2014-09-17 | yes |
| TS | 33.224 | Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) push layer | S3 | Yes | 2014-09-17 | yes |
| TS | 33.234 | 3G security; Wireless Local Area Network (WLAN) interworking security | S3 | Yes | 2014-09-17 | yes |
| TS | 33.246 | 3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS) | S3 | Yes | 2014-09-17 | yes |
| TS | 33.259 | Key establishment between a UICC hosting device and a remote device | S3 | Yes | 2014-09-17 | yes |
| TS | 33.269 | Public Warning System (PWS) security architecture | S3 | Yes | | |
| TS | 33.303 | Proximity-based Services (ProSe); Security aspects | S3 | Yes | 2014-09-17 | yes |
| TS | 33.310 | Network Domain Security (NDS); Authentication Framework (AF) | S3 | Yes | 2014-09-17 | yes |
| TS | 33.320 | Security of Home Node B (HNB) / Home evolved Node B (HeNB) | S3 | Yes | 2014-09-17 | yes |
| TS | 33.328 | IP Multimedia Subsystem (IMS) media plane security | S3 | Yes | 2014-09-17 | yes |
| TS | 33.401 | 3GPP System Architecture Evolution (SAE); Security architecture | S3 | Yes | 2014-09-17 | yes |

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| TS | 33.402 | 3GPP System Architecture Evolution (SAE); Security aspects of non-3GPP accesses | S3 | Yes | 2014-09-17 | yes |
| TR | 33.804 | Single Sign On (SSO) application security for Common IP Multimedia Subsystem (IMS) based on Session Initiation Protocol (SIP) Digest | S3 | No | 2014-09-17 | yes |
| TR | 33.805 | Study on security assurance methodology for 3GPP network products | S3 | No | 2014-09-17 | yes |
| TR | 33.823 | Security for usage of Generic Bootstrapping Architecture (GBA) with a User Equipment (UE) browser | S3 | No | 2014-09-17 | yes |
| TR | 33.829 | Extended IP Multimedia Subsystem (IMS) media plane security features | S3 | No | 2014-09-17 | yes |
| TR | 33.831 | Study on security on spoofed call detection and prevention (Stage 2) | S3 | No | 2014-09-17 | yes |
| TR | 33.865 | Security Aspects of WLAN Network Selection for 3GPP Terminals | S3 | No | | |
| TR | 33.868 | Study on security aspects of Machine-Type Communications (MTC) and other mobile data applications communications enhancements | S3 | No | 2014-09-17 | yes |
| TR | 33.871 | Study on security for Web Real Time Communications (WebRTC) IP Multimedia Subsystem (IMS) client access to IMS | S3 | No | 2014-09-17 | yes |
| TR | 33.888 | Study on security issues to support Group Communication System Enablers (GCSE) for LTE | S3 | No | 2014-09-17 | yes |
| TR | 33.905 | Recommendations for Trusted Open Platforms | S3 | Yes | 2014-09-17 | yes |
| TR | 33.919 | 3G Security; Generic Authentication Architecture (GAA); System description | S3 | Yes | 2014-09-17 | yes |
| TR | 33.924 | Identity management and 3GPP security interworking; Identity management and Generic Authentication Architecture (GAA) interworking | S3 | Yes | 2014-09-17 | yes |
| TR | 33.937 | Study of mechanisms for Protection against Unsolicited Communication for IMS (PUCI) | S3 | Yes | 2014-09-17 | yes |
| TR | 33.969 | Study on security aspects of Public Warning System (PWS) | S3 | No | 2014-09-17 | yes |
| 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 | 2014-09-17 | yes |
| TS | 34.108 | Common test environments for User Equipment (UE); Conformance testing | R5 | Yes | 2015-06-18 | yes |
| TS | 34.109 | Terminal logical test interface; Special conformance testing functions | R2 | Yes | 2014-09-17 | yes |
| TS | 34.114 | User Equipment (UE) / Mobile Station (MS) Over The Air (OTA) antenna performance; Conformance testing | R5 | Yes | 2014-09-17 | yes |
| TS | 34.121-1 | User Equipment (UE) conformance specification; Radio transmission and reception (FDD); Part 1: Conformance specification | R5 | Yes | 2014-09-17 | yes |
| TS | 34.121-2 | User Equipment (UE) conformance specification; Radio transmission and reception (FDD); Part 2: Implementation Conformance Statement (ICS) | R5 | Yes | 2015-06-18 | yes |
| TS | 34.122 | Terminal conformance specification; Radio transmission and reception (TDD) | R5 | Yes | | |
| TS | 34.123-1 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | R5 | Yes | 2015-06-18 | yes |
| TS | 34.123-2 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) proforma specification | R5 | Yes | 2015-06-18 | yes |
| TS | 34.123-3 | User Equipment (UE) conformance specification; Part 3: Abstract test suite (ATS) | R5 | Yes | 2015-06-18 | yes |
| TS | 34.124 | Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment | R4 | Yes | 2014-09-17 | yes |

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| TS | 34.131 | Test Specification for C-language binding to (Universal) Subscriber Interface Module ((U)SIM) Application Programming Interface (API) | C6 | Yes | 2014-09-17 | yes |
| TS | 34.172 | Terminal conformance specification; Assisted Global Navigation Satellite Systems (A-GNSS); 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); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | R5 | Yes | 2014-09-17 | yes |
| TS | 34.229-2 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) specification | R5 | Yes | 2014-09-17 | yes |
| TS | 34.229-3 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 3: Abstract test suite (ATS) | R5 | Yes | | |
| TS | 34.229-4 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 4: Enabler for IP multimedia applications testing | R5 | Yes | | |
| TR | 34.902 | Derivation of test tolerances for multi-cell Radio Resource Management (RRM) conformance tests | R5 | Yes | | |
| TR | 34.926 | Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment | R4 | Yes | 2014-09-17 | yes |
| TS | 35.201 | 3G Security; Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specification | S3 | Yes | 2014-09-17 | yes |
| TS | 35.202 | 3G Security; Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi specification | S3 | Yes | 2014-09-17 | yes |
| TS | 35.203 | 3G Security; Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data | S3 | Yes | 2014-09-17 | yes |
| TS | 35.204 | 3G Security; Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data | S3 | Yes | 2014-09-17 | 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 | 2014-09-17 | 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 | 2014-09-17 | 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 | 2014-09-17 | 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 | 2014-09-17 | yes |
| TS | 35.215 | Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 1: UEA2 and UIA2 specifications | S3 | Yes | 2014-09-17 | yes |
| TS | 35.216 | Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 2: SNOW 3G specification | S3 | Yes | 2014-09-17 | yes |
| TS | 35.217 | Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 3: Implementors' test data | S3 | Yes | 2014-09-17 | yes |
| TS | 35.218 | Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 4: Design conformance test data | S3 | Yes | 2014-09-17 | yes |
| TS | 35.221 | Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3; Document 1: EEA3 and EIA3 specifications | S3 | Yes | 2014-09-17 | yes |
| TS | 35.222 | Specification of the 3GPP Confidentiality and Integrity Algorithms | S3 | Yes | 2014- | yes |

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|------|----------|---|----------|------------------|-------------|--------|
| | | EEA3 & EIA3; Document 2: ZUC specification | | | 09-17 | |
| TS | 35.223 | Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3; Document 3: Implementors' test data | S3 | Yes | 2014-09-17 | yes |
| TS | 35.231 | Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 1: Algorithm specification | S3 | Yes | 2014-09-17 | yes |
| TS | 35.232 | Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 2: Implementers' test data | S3 | Yes | 2014-09-17 | yes |
| TS | 35.233 | Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 3: Design conformance test data | S3 | Yes | 2014-09-17 | 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 | 2014-09-17 | yes |
| TR | 35.919 | Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 5: Design and evaluation report | S3 | Yes | 2014-09-17 | yes |
| TR | 35.924 | Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3; Document 4: Design and Evaluation Report | S3 | Yes | 2014-09-17 | yes |
| TR | 35.934 | Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 4: Report on the design and evaluation | S3 | Yes | 2014-12-12 | yes |
| TR | 35.935 | Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 5: Performance evaluation | S3 | Yes | 2014-12-12 | yes |
| TR | 35.936 | Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 6: Security assessment | S3 | Yes | 2014-12-12 | yes |
| TS | 37.104 | E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception | R4 | Yes | 2014-09-17 | yes |
| TS | 37.113 | E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC) | R4 | Yes | 2014-09-17 | yes |
| TS | 37.141 | E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing | R4 | Yes | 2014-09-17 | yes |
| TS | 37.144 | User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance requirements | R4 | Yes | | |
| TS | 37.320 | Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA); Radio measurement collection for Minimization of Drive Tests (MDT); Overall description; Stage 2 | R2 | Yes | 2014-09-17 | yes |
| TS | 37.571-1 | Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 1: Conformance test specification | R5 | Yes | 2014-09-17 | yes |
| TS | 37.571-2 | Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 2: Protocol conformance | R5 | Yes | 2014-12-11 | yes |
| TS | 37.571-3 | Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 3: Implementation Conformance Statement (ICS) | R5 | Yes | 2014-09-12 | yes |
| TS | 37.571- | Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E- | R5 | Yes | 2015- | yes |

| Type | Number | Title | WG prime | For publication? | freeze date | frozen |
|------|----------|---|----------|------------------|-------------|--------|
| | 4 | UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 4: Test suites | | | 03-12 | |
| TS | 37.571-5 | Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assistance data | R5 | Yes | 2014-12-11 | yes |
| TR | 37.808 | Passive Intermodulation (PIM) handling for Base Stations (BS) | R4 | No | 2014-09-17 | yes |
| TR | 37.810 | Study of Base Station (BS) specification structure | R4 | No | 2014-09-17 | yes |
| TR | 37.811 | New BS specification structure | R4 | No | | |
| TR | 37.814 | Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA); L-band for Supplemental Downlink | R4 | No | 2014-09-17 | yes |
| TR | 37.822 | Study on next generation Self-Optimizing Network (SON) for UTRAN and E-UTRAN | R3 | No | 2014-09-17 | yes |
| TR | 37.834 | Study on Wireless Local Area Network (WLAN) - 3GPP radio interworking | R2 | No | 2013-12-06 | yes |
| TR | 37.844 | User Equipment (UE) GSM, UTRA and E-UTRA over the air performance requirements | R4 | No | | |
| TR | 37.846 | Study on 2GHz Frequency Division Duplex) FDD for Universal Terrestrial Radio Access (UTRA) and LTE in Region 1 (1980-2010 MHz and 2170-2200 MHz Bands) | R4 | No | 2014-09-17 | yes |
| TR | 37.852 | RAN enhancements for UMTS/HSPA and LTE interworking | R3 | No | 2014-09-17 | yes |
| TR | 37.869 | Study on enhancements to Machine-Type Communications (MTC) and other mobile data applications; Radio Access Network (RAN) aspects | R2 | No | 2014-09-17 | yes |
| TR | 37.900 | Radio Frequency (RF) requirements for Multicarrier and Multiple Radio Access Technology (Multi-RAT) Base Station (BS) | R4 | Yes | 2014-09-17 | yes |
| TR | 37.901 | User Equipment (UE) application layer data throughput performance | R5 | Yes | | |
| TR | 37.902 | Measurements of User Equipment (UE) radio performances for LTE/UMTS terminals; Total Radiated Power (TRP) and Total Radiated Sensitivity (TRS) test methodology | R4 | Yes | 2014-09-17 | yes |
| TR | 37.976 | Measurement of radiated performance for Multiple Input Multiple Output (MIMO) and multi-antenna reception for High Speed Packet Access (HSPA) and LTE terminals | R4 | Yes | 2014-09-17 | yes |
| TR | 37.977 | Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA); Verification of radiated multi-antenna reception performance of User Equipment (UE) | R4 | Yes | 2014-09-17 | yes |

Annex A (informative): Change history

| Change history | | | | | |
|----------------|------------------------------|--------|-----------|------------------------------|--|
| TSG SA# | Version | CR | Tdoc SA | New Version | Subject/Comment |
| SP-12 | 3GPP TS 21.103 version 0.0.0 | - | SP-010275 | 3GPP TS 21.103 version 0.1.0 | First draft |
| | 0.1.0 | | SP-010382 | 1.0.0 | table of specs revised |
| SP-13 | 1.0.0 | | SP-010418 | 1.1.0 | table of specs revised |
| SP-15 | 1.1.0 | | SP-020095 | 1.2.0 | table of specs revised; columns to show freeze status added |
| SP-15 | 1.2.0 | | SP-020202 | 2.0.0 | table of specs revised |
| SP-16 | 2.0.0 | | SP-020271 | 2.1.0 | table of specs revised |
| | 2.1.0 | | SP-020398 | 2.2.0 | table of specs revised |
| | 2.2.0 | | SP-020410 | 5.0.0 | table of specs revised; unknown freeze target dates blanked approved |
| SP-17 | 5.0.0 | 001 r1 | SP-020628 | 5.1.0 | updates lists of specs, editorial corrections to titles of specs |
| SP-18 | 5.1.0 | 002 r1 | SP-020831 | 5.2.0 | Correction to list of specs, editorial corrections to titles of specs |
| SP-19 | 5.2.0 | 003 r1 | SP-030077 | 5.3.0 | Correction to list of specs, editorial corrections to titles of specs |
| SP-20 | 3GPP TS 21.103 version 5.3.0 | 004 | SP-030229 | 3GPP TS 21.101 version 5.4.0 | Correction to list of specs |
| | | | SP-030235 | | Renumber from 21.103 to 21.101 |
| SP-22 | 5.4.0 | 017 | SP-030574 | 5.5.0 | Correction to list of specs, editorial corrections to spec titles |
| SP-23 | 5.5.0 | 020 r2 | SP-040221 | 5.6.0 | Corrections to list of specifications |
| SP-24 | 5.6.0 | 021 r1 | SP-040358 | 5.7.0 | Corrections to list of specifications |
| SP-26 | 5.7.0 | 025 r1 | SP-040880 | 6.0.0 | Corrections to list of specifications |
| SP-27 | 6.0.0 | 029 | SP-050126 | 6.1.0 | Corrections to list of specifications |
| SP-28 | 6.1.0 | 031 r1 | SP-050356 | 6.2.0 | Corrections to list of specifications |
| SP-29 | 6.2.0 | 032 | SP-050470 | 6.3.0 | Change instances of Release 5 to Release 6 |
| | | 033 | SP-050462 | | Corrections to list of specifications |
| SP-30 | 6.3.0 | 034 r1 | SP-050845 | 6.4.0 | Corrections to list of specifications |
| post SP-31 | 6.4.0 | | | 6.4.1 | Correction to title of reference to 21.900. Correction to spec list table entries for 23.125 and 32.251 to show that the are intended for SDO publication. |
| post SP-31 | 6.4.1 | | | 6.4.2 | Corrects cover date. |
| SP-34 | 6.4.2 | 038 | SP-060901 | 6.5.0 | Correction to list of Specs and minor editorials |
| SP-35 | 6.5.0 | 038 | SP-070188 | 6.6.0 | Corrections to list of specifications |
| SP-36 | 6.6.0 | 041 | SP-070344 | 6.7.0 | Corrections to list of specifications |
| SP-37 | 6.7.0 | 042 | SP-070519 | 7.0.0 | Upgrade to Rel-7 |
| SP-38 | 7.0.0 | 047 | SP-070770 | 7.1.0 | Corrections to list of specifications |
| | | 052 | | | Update of informative text |
| SP-40 | 7.1.0 | 053 | SP-080435 | 7.2.0 | Corrections to list of specifications |
| SP-42 | 7.2.0 | 054 r1 | SP-080722 | 7.3.0 | Corrections to list of specifications |
| SP-43 | 7.3.0 | 057 r1 | SP-090033 | 8.0.0 | List of Rel-8 specifications |
| SP-44 | 8.0.0 | 058 r1 | SP-090382 | 8.1.0 | Corrections to list of specifications |
| SP-46 | 8.1.0 | 064 r1 | SP-090695 | 8.2.0 | Corrections to list of specifications |
| SP-47 | 8.2.0 | 065 | SP-100012 | 9.0.0 | Update list of specs |
| SP-51 | 9.0.0 | | | 10.0.0 | Automatic upgrade on freezing Release |
| SP-52 | 10.0.0 | 068 | SP-110298 | 10.1.0 | Corrections to list of specifications |

| | | | | | |
|-------|--------|-----------|-----------|--------|---|
| SP-55 | 10.1.0 | 071 r1 | SP-120114 | 10.2.0 | Changes to list of Specs: UTRAN systems |
| SP-59 | 10.2.0 | 072 | SP-130155 | 10.3.0 | Update list of specs |
| SP-59 | 10.3.0 | 073 | SP-130155 | 11.0.0 | Update list of specs |
| SP-64 | 11.0.0 | 075 | SP-140200 | 11.1.0 | Update to list of specs |

| Change history | | | | | | | |
|----------------|---------|-----------|------|-----|-----|---|-------------|
| Date | Meeting | TDoc | CR | Rev | Cat | Subject/Comment | New version |
| 2016-03 | SA#71 | SP-160124 | 0077 | | F | Update to list of specs | 12.0.0 |
| 2016-05 | | | | | | Empty table in clause 5 removed | 12.0.1 |
| 2016-12 | | | | | | Editorial correction to Scope: Correccion of Release. | 12.0.2 |

History

| Document history | | |
|-------------------------|--------------|-------------------------|
| V12.0.1 | May 2016 | Publication (withdrawn) |
| V12.0.2 | January 2017 | Publication |
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