

3GPP TSG CN Plenary Meeting #19
12th - 14th March 2003. Birmingham, U.K.

NP-030065

Title: Proposed LS on Co-ordination of SDO input to ITU-T Q.1741.3
Source: 3GPP CN
To: ARIB, CWTS, ETSI, T1, TTA, TTC
Cc: 3GPP TSG SA

Contact Person:

Name: Stephen Hayes
Tel. Number: +1 469 360 8500
E-mail Address: stephen.hayes@ericsson.com

Attachments: None

1 Introduction

ITU-T Special Study Group on "IMT-2000 and Beyond" (SSG) has requested input from SDOs related to 3G Release 5 core networks. In particular, the SDOs participating in 3GPP are invited to provide input on "IMT-2000 References to Release 5 of GSM evolved UMTS core NETWORK with UTRAN Access network."

It is important that the SDOs participating in 3GPP provide as input a consistent set of 3GPP specifications. This document provides a proposal for how the SDOs may wish to respond to this request.

2 Proposed Baseline for input into draft ITU-T Q.1741.3

The scope of Q.1741.3 is the identification of the IMT-2000 technical specifications for the Core Network belonging to the IMT-2000 family member GSM evolved UMTS core network with UTRAN access network. The recommendation includes the internal and external interfaces for the Core Network as well as the general architecture specifications. Furthermore, the current scope of Q.1741.3 is aligned with 3GPP Release 5.

It is the recommendation of the 3GPP CN ITU-T Co-ordination Ad-Hoc that this input should be based in principle upon the Release 5 following TSG SA#18. The set of specifications should be those listed in TS 21.103 v5.2.0, with the following changes:

- ~~—Technical Reports (TRs) TR-ab.8de specifications should not be included~~
- ~~—The 25 series (Radio Access Network) documents should not be included~~
- ~~—The UE/USIM Test and Conformance Specifications should not be included~~
- The 25 series are excluded from the list since they are radio access related specifications and therefore not relevant for the draft Q.1741.3;
- All documents that are indicted as "not for publication" within TS 21.103 are excluded from the list;
- All documents that are indicated as part of 3GPP Release 5, but has not yet been approved by the 3GPP TSGs, are excluded from the list;
- Feasibility Studies are excluded from the list;
- Terminal and UI Test Specifications are excluded from the list; and
- Implementation Guides as been included into the list.

The table below provides the list of 3GPP specifications and versions, which the CN ITU-T Co-ordination Ad-Hoc recommends, is the base for the SDO responses to ITU-T.

| Type | Number | Title | Version (TSG #18) |
|------|--------|---|-------------------|
| TS | 21.103 | 3rd Generation mobile system Release 5 specifications | 5.2.0 |
| TS | 21.111 | USIM and IC card requirements | 5.1.0 |

| Type | Number | Title | Version (TSG #18) |
|------|--------|---|-------------------|
| TR | 21.905 | Vocabulary for 3GPP Specifications | 5.5.0 |
| TS | 22.001 | Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) | 5.0.0 |
| TS | 22.002 | Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN) | 5.0.0 |
| TS | 22.003 | Circuit Teleservices supported by a Public Land Mobile Network (PLMN) | 5.2.0 |
| TS | 22.004 | General on supplementary services | 5.0.0 |
| TS | 22.011 | Service accessibility | 5.1.0 |
| TS | 22.016 | International Mobile Equipment Identities (IMEI) | 5.0.0 |
| TS | 22.022 | Personalisation of Mobile Equipment (ME); Mobile functionality specification | 5.0.0 |
| TS | 22.024 | Description of Charge Advice Information (CAI) | 5.0.0 |
| TS | 22.030 | Man-Machine Interface (MMI) of the User Equipment (UE) | 5.0.0 |
| TS | 22.031 | Fraud Information Gathering System (FIGS); Service description; Stage 1 | 5.0.0 |
| TS | 22.032 | Immediate Service Termination (IST); Service description; Stage 1 | 5.0.0 |
| TS | 22.034 | High Speed Circuit Switched Data (HSCSD); Stage 1 | 5.0.0 |
| TS | 22.038 | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | 5.2.0 |
| TS | 22.041 | Operator Determined Call Barring | 5.0.0 |
| TS | 22.042 | Network Identity and Time Zone (NITZ) service description; Stage 1 | 5.0.0 |
| TS | 22.053 | Tandem Free Operation (TFO); Service description; Stage 1 | 5.0.0 |
| TS | 22.057 | Mobile Execution Environment (MExE) service description; Stage 1 | 5.4.0 |
| TS | 22.060 | General Packet Radio Service (GPRS); Service description; Stage 1 | 5.2.0 |
| TS | 22.066 | Support of Mobile Number Portability (MNP); Stage 1 | 5.0.0 |
| TS | 22.067 | enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1 | 5.0.0 |
| TS | 22.071 | Location Services (LCS); Stage 1 | 5.1.1 |
| TS | 22.072 | Call Deflection (CD); Stage 1 | 5.0.0 |
| TS | 22.076 | Noise suppression for the AMR codec; Service description; Stage 1 | 5.0.0 |
| TS | 22.078 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | 5.9.1 |
| TS | 22.079 | Support of optimal routing; Stage 1 | 5.0.0 |
| TS | 22.081 | Line Identification supplementary services; Stage 1 | 5.0.0 |
| TS | 22.082 | Call Forwarding (CF) Supplementary Services; Stage 1 | 5.0.0 |
| TS | 22.083 | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1 | 5.0.0 |
| TS | 22.084 | MultiParty (MPTY) supplementary service; Stage 1 | 5.0.0 |
| TS | 22.085 | Closed User Group (CUG) supplementary services; Stage 1 | 5.0.0 |
| TS | 22.086 | Advice of Charge (AoC) supplementary services; Stage 1 | 5.0.0 |
| TS | 22.087 | User-to-user signalling (UUS); Stage 1 | 5.0.0 |
| TS | 22.088 | Call Barring (CB) supplementary services; Stage 1 | 5.0.0 |
| TS | 22.090 | Unstructured Supplementary Service Data (USSD); Stage 1 | 5.0.0 |
| TS | 22.091 | Explicit Call Transfer (ECT) supplementary service; Stage 1 | 5.0.0 |
| TS | 22.093 | Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1 | 5.0.0 |
| TS | 22.094 | Follow Me service description - Stage 1 | 5.0.0 |
| TS | 22.096 | Name identification supplementary services; Stage 1 | 5.0.0 |
| TS | 22.097 | Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1 | 5.0.0 |
| TS | 22.101 | Service aspects; Service principles | 5.8.0 |
| TS | 22.105 | Services and service capabilities | 5.2.0 |
| TS | 22.112 | USIM toolkit interpreter; Stage 1 | 5.0.0 |
| TS | 22.115 | Service Aspects Charging and billing | 5.2.0 |
| TR | 22.121 | Service aspects; The Virtual Home Environment; Stage 1 | 5.3.1 |
| TS | 22.127 | Service Requirement for the Open Services Access (OSA); Stage 1 | 5.5.0 |
| TS | 22.129 | Handover requirements between UTRAN and GERAN or other radio systems | 5.2.0 |
| TS | 22.135 | Multicall; Service description; Stage 1 | 5.0.0 |
| TS | 22.140 | Multimedia Messaging Service (MMS); Stage 1 | 5.4.0 |
| TS | 22.226 | Global text telephony (GTT); Stage 1: Service description | 5.2.0 |
| TS | 22.228 | Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1 | 5.6.0 |
| TS | 22.233 | Transparent end-to-end packet-switched streaming service; Stage 1 | 5.0.0 |
| TR | 22.944 | Service requirements for UE functionality split | 5.1.0 |
| TS | 23.002 | Network architecture | 5.9.0 |
| TS | 23.003 | Numbering, Addressing and Identification | 5.5.1 |
| TS | 23.007 | Restoration procedures | 5.0.0 |
| TS | 23.008 | Organisation of subscriber data | 5.3.0 |
| TS | 23.009 | Handover procedures | 5.3.0 |
| TS | 23.011 | Technical realization of Supplementary Services | 5.0.0 |
| TS | 23.012 | Location management procedures | 5.0.0 |
| TS | 23.014 | Support of Dual Tone Multi Frequency (DTMF) signalling | 5.1.0 |

| Type | Number | Title | Version (TSG #18) |
|------|--------|---|-------------------|
| TS | 23.015 | Technical realisation of Operator Determined Barring (ODB) | 5.0.0 |
| TS | 23.016 | Subscriber data management; Stage 2 | 5.2.0 |
| TS | 23.018 | Basic Call Handling; Technical realization | 5.5.0 |
| TS | 23.031 | Fraud Information Gathering System (FIGS); Service description; Stage 2 | 5.0.0 |
| TS | 23.034 | High Speed Circuit Switched Data (HSCSD); Stage 2 | 5.1.0 |
| TS | 23.035 | Immediate Service Termination (IST); Stage 2 | 5.1.0 |
| TS | 23.038 | Alphabets and language-specific information | 5.0.0 |
| TR | 23.039 | Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) | 5.0.0 |
| TS | 23.040 | Technical realization of Short Message Service (SMS) | 5.5.1 |
| TS | 23.041 | Technical realization of Cell Broadcast Service (CBS) | 5.0.0 |
| TS | 23.042 | Compression algorithm for SMS | 5.0.0 |
| TS | 23.048 | Security Mechanisms for the (U)SIM application toolkit; Stage 2 | 5.5.0 |
| TS | 23.053 | Tandem Free Operation (TFO); Service description; Stage 2 | 5.0.0 |
| TS | 23.057 | Mobile Execution Environment (MExE); Functional description; Stage 2 | 5.1.0 |
| TS | 23.060 | General Packet Radio Service (GPRS) Service description; Stage 2 | 5.4.0 |
| TS | 23.066 | Support of GSM Mobile Number Portability (MNP) stage 2 | 5.0.0 |
| TS | 23.067 | Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 | 5.0.0 |
| TS | 23.072 | Call Deflection Supplementary Service; Stage 2 | 5.0.0 |
| TS | 23.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | 5.2.0 |
| TS | 23.079 | Support of Optimal Routeing (SOR); Technical realization; Stage 2 | 5.2.0 |
| TS | 23.081 | Line Identification supplementary services; Stage 2 | 5.1.0 |
| TS | 23.082 | Call Forwarding (CF) Supplementary Services; Stage 2 | 5.0.0 |
| TS | 23.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2 | 5.1.1 |
| TS | 23.084 | MultiParty (MPY) Supplementary Service; Stage 2 | 5.0.0 |
| TS | 23.085 | Closed User Group (CUG) Supplementary Service; Stage 2 | 5.0.0 |
| TS | 23.086 | Advice of Charge (AoC) Supplementary Service; Stage 2 | 5.0.0 |
| TS | 23.087 | User-to-User Signalling (UUS) supplementary service; Stage 2 | 5.0.0 |
| TS | 23.088 | Call Barring (CB) Supplementary Service; Stage 2 | 5.0.0 |
| TS | 23.090 | Unstructured Supplementary Service Data (USSD); Stage 2 | 5.1.0 |
| TS | 23.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 2 | 5.0.0 |
| TS | 23.093 | Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2 | 5.0.0 |
| TS | 23.094 | Follow Me Stage 2 | 5.0.1 |
| TS | 23.096 | Name Identification Supplementary Service; Stage 2 | 5.0.0 |
| TS | 23.097 | Multiple Subscriber Profile (MSP) Phase 1; Stage 2 | 5.0.0 |
| TS | 23.107 | Quality of Service (QoS) concept and architecture | 5.7.0 |
| TS | 23.108 | Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures) | 5.0.0 |
| TS | 23.116 | Super-Charger technical realization; Stage 2 | 5.0.0 |
| TS | 23.119 | Gateway Location Register (GLR); Stage2 | 5.0.0 |
| TS | 23.122 | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode | 5.2.0 |
| TS | 23.127 | Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2 | 5.2.0 |
| TS | 23.135 | Multicall supplementary service; Stage 2 | 5.0.0 |
| TS | 23.140 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | 5.5.0 |
| TS | 23.146 | Technical realisation of facsimile Group 3 service - non-transparent | 5.0.0 |
| TS | 23.153 | Out of Band Transcoder Control; Stage 2 | 5.3.0 |
| TS | 23.172 | Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2 | 5.1.0 |
| TS | 23.205 | Bearer-independent circuit-switched core network; Stage 2 | 5.4.0 |
| TS | 23.207 | End-to-end Quality of Service (QoS) concept and architecture | 5.6.0 |
| TS | 23.218 | IP Multimedia (IM) session handling; IM call model; Stage 2 | 5.3.0 |
| TS | 23.221 | Architectural requirements | 5.7.0 |
| TS | 23.226 | Global text telephony (GTT); Stage 2: Architecture | 5.2.0 |
| TS | 23.227 | Application and user interaction in the UE; Principles and specific requirements | 5.1.0 |
| TS | 23.228 | IP Multimedia Subsystem (IMS); Stage 2 | 5.7.0 |
| TS | 23.236 | Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes | 5.2.0 |
| TS | 23.271 | Location Services (LCS); Functional description; Stage 2 | 5.5.0 |
| TS | 23.278 | Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2 | 5.1.0 |
| TR | 23.910 | Circuit switched data bearer services | 5.2.0 |
| TS | 24.002 | GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration | 5.0.0 |

| Type | Number | Title | Version (TSG #18) |
|------|--------|---|-------------------|
| TS | 24.007 | Mobile radio interface signalling layer 3; General Aspects | 5.1.0 |
| TS | 24.008 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | 5.6.0 |
| TS | 24.010 | Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects | 5.0.0 |
| TS | 24.011 | Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface | 5.1.0 |
| TS | 24.022 | Radio Link Protocol (RLP) for circuit switched bearer and teleservices | 5.1.0 |
| TS | 24.030 | Location Services (LCS); Supplementary service operations; Stage 3 | 5.1.0 |
| TS | 24.067 | Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 | 5.0.0 |
| TS | 24.072 | Call Deflection Supplementary Service; Stage 3 | 5.0.0 |
| TS | 24.080 | Mobile radio Layer 3 supplementary service specification; Formats and coding | 5.3.0 |
| TS | 24.081 | Line Identification Supplementary Service; Stage 3 | 5.0.0 |
| TS | 24.082 | Call Forwarding supplementary service; Stage 3 | 5.0.0 |
| TS | 24.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3 | 5.0.0 |
| TS | 24.084 | MultiParty (MPTY) Supplementary Service; Stage 3 | 5.0.0 |
| TS | 24.085 | Closed User Group (CUG) Supplementary Service; Stage 3 | 5.0.0 |
| TS | 24.086 | Advice of Charge (AoC) Supplementary Service; Stage 3 | 5.0.0 |
| TS | 24.087 | User-to-User Signalling (UUS); Stage 3 | 5.0.0 |
| TS | 24.088 | Call Barring (CB) Supplementary Service; Stage 3 | 5.0.0 |
| TS | 24.090 | Unstructured Supplementary Service Data (USSD); Stage 3 | 5.0.0 |
| TS | 24.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 3 | 5.0.0 |
| TS | 24.093 | Call Completion to Busy Subscriber (CCBS); Stage 3 | 5.0.0 |
| TS | 24.096 | Name Identification Supplementary Service; Stage 3 | 5.0.0 |
| TS | 24.135 | Multicall supplementary service; Stage 3 | 5.0.0 |
| TS | 24.228 | Signalling flows for the IP multimedia call control based on SIP and SDP; Stage 3 | 5.3.0 |
| TS | 24.229 | IP Multimedia Call Control Protocol based on SIP and SDP; Stage 3 | 5.3.0 |
| TS | 26.071 | AMR speech Codec; General description | 5.0.0 |
| TS | 26.073 | AMR speech Codec; C-source code | 5.0.0 |
| TS | 26.077 | Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder | 5.0.0 |
| TS | 26.090 | AMR speech Codec; Transcoding Functions | 5.0.0 |
| TS | 26.091 | AMR speech Codec; Error concealment of lost frames | 5.0.0 |
| TS | 26.092 | AMR speech Codec; comfort noise for AMR Speech Traffic Channels | 5.0.0 |
| TS | 26.093 | AMR speech Codec; Source Controlled Rate operation | 5.2.0 |
| TS | 26.094 | AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels | 5.0.0 |
| TS | 26.101 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure | 5.0.0 |
| TS | 26.102 | AMR speech Codec; Interface to lu and Uu | 5.1.0 |
| TS | 26.103 | Speech codec list for GSM and UMTS | 5.4.0 |
| TS | 26.104 | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec | 5.0.0 |
| TS | 26.110 | Codec for circuit switched multimedia telephony service; General description | 5.0.0 |
| TS | 26.111 | Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324 | 5.0.0 |
| TS | 26.115 | Echo control for speech and multi-media services | 5.0.0 |
| TS | 26.131 | Terminal acoustic characteristics for telephony; Requirements | 5.2.0 |
| TS | 26.140 | Multimedia Messaging Service (MMS); Media formats and codes | 5.2.0 |
| TS | 26.171 | AMR speech codec, wideband; General description | 5.0.0 |
| TS | 26.173 | ANSI-C code for the Adaptive Multi Rate (AMR) Wideband speech codec | 5.5.0 |
| TS | 26.190 | Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions | 5.1.0 |
| TS | 26.191 | AMR speech codec, wideband; Error concealment of lost frames | 5.1.0 |
| TS | 26.192 | Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects | 5.0.0 |
| TS | 26.193 | AMR speech codec, wideband; Source Controlled Rate operation | 5.0.0 |
| TS | 26.194 | Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD) | 5.0.0 |
| TS | 26.201 | AMR speech codec, wideband; Frame structure | 5.0.0 |
| TS | 26.202 | AMR speech codec, wideband; Interface to lu and Uu | 5.1.0 |
| TS | 26.204 | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) wideband speech codec | 5.0.0 |
| TS | 26.226 | Global text telephony (GTT); Transport of text in the voice channel | 5.0.0 |
| TS | 26.230 | Global text telephony (GTT); Cellular text telephone modem transmitter C-code description | 5.0.1 |

| Type | Number | Title | Version (TSG #18) |
|------|-------------|--|-------------------|
| TS | 26.231 | Global text telephony (GTT); Cellular text telephone modem minimum performance requirements | 5.2.0 |
| TS | 26.233 | End-to-end transparent streaming service; General description | 5.0.0 |
| TS | 26.234 | Transparent end-to-end transparent Packet-switched Streaming Service (PSS); Protocols and codecs | 5.3.0 |
| TS | 26.235 | Packet switched conversational multimedia applications; Default codecs | 5.1.0 |
| TS | 26.236 | Packet switched conversational multimedia applications; Transport protocols | 5.1.0 |
| TR | 26.911 | Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide | 5.0.0 |
| TR | 26.975 | Performance characterization of the Adaptive Multi-Rate (AMR) speech codec | 5.0.0 |
| TR | 26.976 | Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec | 5.0.0 |
| TS | 27.001 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | 5.4.0 |
| TS | 27.002 | Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities | 5.0.0 |
| TS | 27.003 | Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities | 5.0.0 |
| 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) | 5.0.0 |
| TS | 27.007 | AT command set for 3G User Equipment (UE) | 5.2.0 |
| TS | 27.010 | Terminal Equipment to User Equipment (TE-UE) multiplexer protocol | 5.0.0 |
| TS | 27.060 | Packet domain; Mobile Station (MS) supporting Packet Switched services | 5.3.0 |
| TS | 27.103 | Wide Area Network Synchronization | 5.0.0 |
| TR | 27.901 | Report on Terminal Interfaces - An Overview | 5.0.0 |
| TS | 28.062 | Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3 | 5.3.0 |
| TS | 29.002 | Mobile Application Part (MAP) specification | 5.4.0 |
| TS | 29.007 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | 5.4.0 |
| TS | 29.010 | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | 5.2.0 |
| TS | 29.011 | Signalling Interworking for Supplementary Services | 5.0.0 |
| TS | 29.013 | Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols | 5.0.0 |
| TS | 29.016 | Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification | 5.0.0 |
| TS | 29.018 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | 5.3.0 |
| TS | 29.060 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | 5.4.0 |
| TS | 29.061 | Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN) | 5.4.0 |
| TS | 29.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | 5.2.0 |
| TS | 29.108 | Application of the Radio Access Network Application Part (RANAP) on the E-interface | 5.2.0 |
| TS | 29.119 | GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR) | 5.0.0 |
| TS | 29.120 | Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3 | 5.0.0 |
| TS | 29.162 | Interworking between the IM CN subsystem and IP networks | 1.0.0 |
| TS | 29.198-01 | Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview | 5.1.0 |
| TS | 29.198-02 | Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data | 5.1.1 |
| TS | 29.198-03 | Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework | 5.1.0 |
| TS | 29.198-04-1 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions | 5.1.0 |
| TS | 29.198-04-2 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data SCF | 5.1.0 |
| TS | 29.198-04-3 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data SCF | 5.1.0 |

| Type | Number | Title | Version (TSG #18) |
|------|-------------|--|-------------------|
| TS | 29.198-04-4 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control data SCF | 5.1.0 |
| TS | 29.198-05 | Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction | 5.1.0 |
| TS | 29.198-06 | Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility | 5.1.0 |
| TS | 29.198-07 | Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities | 5.2.0 |
| TS | 29.198-08 | Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control | 5.1.0 |
| TS | 29.198-11 | Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management | 5.1.0 |
| TS | 29.198-12 | Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging | 5.1.0 |
| TS | 29.198-13 | Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF | 5.1.0 |
| TS | 29.198-14 | Open Service Access (OSA) Application Programming Interface (API); Part 13: Presence and Availability Management (PAM) | 5.1.0 |
| TS | 29.202 | Signalling System No. 7 (SS7) signalling transport in core network; Stage 3 | 5.2.0 |
| TS | 29.205 | Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3 | 5.0.0 |
| TS | 29.207 | Policy control over Go interface | 5.2.0 |
| TS | 29.208 | End to end Quality of Service (QoS) signalling flows | 5.2.0 |
| TS | 29.228 | IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents | 5.2.0 |
| TS | 29.229 | Cx and Dx interfaces based on the Diameter protocol; Protocol details | 5.2.0 |
| TS | 29.232 | Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3 | 5.4.0 |
| TS | 29.278 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS) | 5.1.0 |
| TS | 29.328 | IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents | 5.2.1 |
| TS | 29.329 | Sh interface based on the Diameter protocol | 5.2.0 |
| TS | 29.414 | Core network Nb data transport and transport signalling | 5.0.0 |
| TS | 29.415 | Core network Nb interface user plane protocols | 5.0.0 |
| TR | 29.998-01 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping | 5.0.0 |
| TR | 29.998-04-1 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping | 5.0.0 |
| TR | 29.998-04-4 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control SIP | 5.0.0 |
| TR | 29.998-05-1 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping | 5.0.0 |
| TR | 29.998-05-4 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping | 5.0.0 |
| TR | 29.998-06 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP | 5.0.0 |
| TR | 29.998-08 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP | 5.0.0 |
| TS | 31.101 | UICC-terminal interface; Physical and logical characteristics | 5.1.0 |
| TS | 31.102 | Characteristics of the USIM Application | 5.3.0 |
| TS | 31.103 | Characteristics of the ISIM application | 5.2.0 |
| TS | 31.111 | USIM Application Toolkit (USAT) | 5.3.0 |
| TS | 31.112 | USAT Interpreter Architecture Description; Stage 2 | 5.2.0 |
| TS | 31.113 | USAT interpreter byte codes | 5.4.0 |
| TS | 31.114 | USAT interpreter protocol and administration | 5.2.0 |
| TR | 31.900 | SIM/USIM internal and external interworking aspects | 5.1.0 |
| TS | 32.101 | Telecommunication management; Principles and high level requirements | 5.2.0 |
| TS | 32.102 | Telecommunication management; Architecture | 5.2.0 |

| Type | Number | Title | Version (TSG #18) |
|------|----------|---|-------------------|
| TS | 32.111-1 | Telecommunication management; Fault Management; Part 1: 3G fault management requirements | 5.1.1 |
| TS | 32.111-2 | Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service | 5.2.0 |
| TS | 32.111-3 | Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1 | 5.2.0 |
| TS | 32.111-4 | Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set | 5.3.0 |
| TS | 32.200 | Telecommunication management; Charging management; Charging principles | 5.2.0 |
| TS | 32.205 | Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain | 5.2.0 |
| TS | 32.215 | Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain | 5.2.0 |
| TS | 32.225 | Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS) | 5.1.0 |
| TS | 32.235 | Telecommunication management; Charging management; Charging data description for application services | 5.1.0 |
| TS | 32.300 | Telecommunication management; Configuration Management (CM); Name convention for Managed Objects | 5.0.4 |
| TS | 32.301 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements | 5.0.1 |
| TS | 32.302 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; Information Service version 1 | 5.0.2 |
| TS | 32.303 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set version 1:1 | 5.1.2 |
| TS | 32.304 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point: CMIP Solution Set Version 1:1 | 5.2.1 |
| TS | 32.311 | Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements | 5.0.1 |
| TS | 32.312 | Telecommunication management; Generic Integration Reference Point (IRP) management; Information service | 5.0.1 |
| TS | 32.321 | Telecommunication management; Test management Integration Reference Point (IRP); Requirements | 5.0.1 |
| TS | 32.322 | Telecommunication management; Test management Integration Reference Point (IRP); Information service | 5.0.1 |
| TS | 32.323 | Telecommunication management; Test management Integration Reference Point (IRP); Corba solution set | 5.0.1 |
| TS | 32.324 | Telecommunication management; Test management Integration Reference Point (IRP); CMIP solution set | 5.0.1 |
| TS | 32.401 | Telecommunication management; Performance Management (PM); Concept and requirements | 5.1.0 |
| TS | 32.403 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | 5.1.0 |
| TS | 32.600 | Telecommunication management; Configuration Management (CM); Concept and high-level requirements | 5.0.0 |
| TS | 32.601 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): requirements | 5.0.0 |
| TS | 32.602 | Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) information service | 5.0.0 |
| TS | 32.603 | Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP): CORBA solution set | 5.0.0 |
| TS | 32.604 | Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) CMIP solution set | 5.0.0 |
| TS | 32.611 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements | 5.1.0 |
| TS | 32.612 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Information service | 5.1.0 |
| TS | 32.613 | Telecommunication management; Configuration Object Management (CM); Bulk CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution set | 5.0.0 |
| TS | 32.614 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set | 5.0.0 |

| Type | Number | Title | Version (TSG #18) |
|------|--------|---|-------------------|
| TS | 32.615 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition | 5.0.1 |
| TS | 32.621 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements | 5.0.0 |
| TS | 32.622 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM) | 5.0.0 |
| TS | 32.623 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set | 5.0.0 |
| TS | 32.624 | Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set | 5.0.0 |
| TS | 32.625 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | 5.0.0 |
| TS | 32.631 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): requirements | 5.0.0 |
| TS | 32.632 | Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM) | 5.1.0 |
| TS | 32.633 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set | 5.1.0 |
| TS | 32.634 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CMIP solution set | 5.0.0 |
| TS | 32.635 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | 5.0.0 |
| TS | 32.641 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements | 5.0.0 |
| TS | 32.642 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM) | 5.1.1 |
| TS | 32.643 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CORBA solution set | 5.0.0 |
| TS | 32.644 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CMIP solution set | 5.0.0 |
| TS | 32.645 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | 5.0.0 |
| TS | 32.655 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | 5.0.0 |
| TS | 32.661 | Telecommunication management; Configuration Management (CM); Kernel CM requirements | 5.1.0 |
| TS | 32.662 | Telecommunication management; Configuration Management (CM); Kernel CM information service | 5.0.0 |
| TS | 32.663 | Telecommunication management; Configuration Management (CM); Kernel CM CORBA solution set | 5.0.0 |
| TS | 32.664 | Telecommunication management; Configuration Management (CM); Kernel CM CMIP solution set | 5.0.0 |
| TS | 32.671 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements | 5.0.0 |
| TS | 32.672 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information service | 5.0.0 |
| TS | 32.673 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): CORBA Solution set | 5.0.0 |
| TS | 32.674 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): CMIP Solution set | 5.0.0 |
| TS | 32.691 | Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Requirements | 5.0.0 |
| TS | 32.692 | Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Network resource model | 5.0.0 |
| TS | 33.102 | 3G security; Security architecture | 5.1.0 |
| TS | 33.106 | Lawful interception requirements | 5.1.0 |
| TS | 33.107 | 3G security; Lawful interception architecture and functions | 5.5.0 |
| TS | 33.108 | 3G security; Handover interface for Lawful Interception (LI) | 5.2.0 |

| Type | Number | Title | Version (TSG #18) |
|------|--------|---|-------------------|
| TS | 33.200 | 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security | 5.1.0 |
| TS | 33.203 | 3G security; Access security for IP-based services | 5.4.0 |
| TS | 33.210 | 3G security; Network Domain Security (NDS); IP network layer security | 5.2.0 |
| TS | 35.201 | Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications | 5.0.0 |
| TS | 35.202 | Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification | 5.0.0 |
| TS | 35.204 | Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data | 5.0.0 |
| 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 | 5.0.0 |
| 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 | 5.0.0 |
| 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 | 5.0.0 |
| 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 | 5.0.0 |

Table 1 – 3GPP core network and system specifications and versions for Release 5

TS: Technical Specification

TR: Technical Report

3 Information to be provided by each SDO

ITU-T has requested that for each specification, the SDOs provide the following information:

| | |
|---------------------|---|
| Document No. | This is the designation assigned by the SDO for the deliverable corresponding to the 3GPP specification number, |
| Version | The version designation assigned by the SDO corresponding to the 3GPP specification version, |
| Status | The status of the SDO deliverable (e.g., ETSI published, ANSI standard), |
| Issued Date | The date when the SDO deliverable was issued, |
| Location | The location where the SDO deliverable may be obtained (e.g., a URL, publications office). |

4 Actions:

To SDOs

ACTION: 3GPP TSG CN asks all SDOs to forward to ITU-T the information described in Section 2 and 3. **Note that the next ITU-T Q.3/SSG Rapporteur's meeting is scheduled for 29-30 April 2003, Geneva, Switzerland.**