

**Title:** LS on Co-ordination of SDO input to ITU-T Q.1741.2  
**Source:** 3GPP-CN  
**To:** ARIB, CWTS, ETSI, T1, TTA, TTC  
**Cc:** 3GPP TSG SA

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**Attachments:** None

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## 1 Introduction

ITU-T Special Study Group on "IMT-2000 and Beyond" (SSG) has requested input from SDOs related to 3G Release 4 core networks. In particular, the SDOs participating in 3GPP are invited to provide input on "IMT-2000 References to 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.1741.2

The scope of Q.1741.2 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.1741.2 is aligned with 3GPP Release 4.

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 4 following TSG SA#15. The set of specifications should be those listed in TS 21.102 v440, with the following changes:

- Technical Reports (TRs) TR ab.8de specifications should not be included
- SOLSA is a GSM capability and should be not included
- The 25 series (Radio Access Network) documents should not be included
- The UE/USIM Test and Conformance Specifications should not be included

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.

| spec   | version | Title   |
|--------|---------|---|
| 21.102 | 4 4 0   | 3rd Generation mobile system Release 4 specifications   |
| 21.111 | 4 0 0   | USIM and IC card requirements   |
| 21.133 | 4 1 0   | 3G security; Security threats and requirements  |
| 21.900 | 4 0 0   | Technical Specification Group working methods   |
| 21.905 | 4 4 0   | Vocabulary for 3GPP Specifications  |
| 22.001 | 4 3 0   | Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) |
| 22.002 | 4 2 0   | Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)                     |
| 22.003 | 4 3 0   | Circuit Teleservices supported by a Public Land Mobile Network (PLMN)                             |
| 22.004 | 4 1 0   | General on Supplementary Services   |
| 22.011 | 4 6 0   | Service accessibility   |
| 22.016 | 4 1 0   | International Mobile Equipment Identities (IMEI)  |
| 22.022 | 4 0 0   | Personalisation of Mobile Equipment (ME); Mobile functionality specification                      |
| 22.024 | 4 0 0   | Description of Charge Advice Information (CAI)  |
| 22.030 | 4 1 0   | Man-Machine Interface (MMI) of the User Equipment (UE)  |
| 22.032 | 4 0 0   | Immediate Service Termination (IST); Service Description – Stage 1                                |
| 22.034 | 4 0 0   | High Speed Circuit Switched Data (HSCSD); Stage 1   |

| spec   | version | Title  |
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| 22.038 | 4 1 0   | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1  |
| 22.041 | 4 1 0   | Operator Determined Call Barring   |
| 22.042 | 4 1 0   | Network Identity and Time Zone (NITZ) service description; Stage 1   |
| 22.048 | 4 0 0   | Security Mechanisms for the (U)SIM application toolkit; Stage 1  |
| 22.053 | 4 0 1   | Tandem Free Operation (TFO); Service description; Stage 1  |
| 22.057 | 4 1 0   | Mobile Execution Environment (MExE) service description; Stage 1   |
| 22.060 | 4 3 0   | General Packet Radio Service (GPRS); Service description; Stage 1  |
| 22.066 | 4 0 0   | Support of Mobile Number Portability (MNP); Stage 1  |
| 22.067 | 4 1 0   | enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1   |
| 22.071 | 4 4 1   | Location Services (LCS); Stage 1   |
| 22.072 | 4 0 0   | Call Deflection (CD); Stage 1  |
| 22.076 | 4 0 1   | Noise suppression for the AMR codec; Service description; Stage 1  |
| 22.078 | 4 5 0   | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1                  |
| 22.079 | 4 0 0   | Support of optimal routing; Stage 1  |
| 22.081 | 4 1 0   | Line Identification supplementary services; Stage 1  |
| 22.082 | 4 2 0   | Call Forwarding (CF) Supplementary Services; Stage 1   |
| 22.083 | 4 1 0   | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1   |
| 22.084 | 4 1 0   | MultiParty (MPTY) supplementary service; Stage 1   |
| 22.085 | 4 1 0   | Closed User Group (CUG) supplementary services; Stage 1  |
| 22.086 | 4 0 0   | Advice of Charge (AoC) supplementary services; Stage 1   |
| 22.087 | 4 0 0   | User-to-user signalling (UUS); Stage 1   |
| 22.088 | 4 1 0   | Call Barring (CB) supplementary services; Stage 1  |
| 22.090 | 4 0 0   | Unstructured Supplementary Service Data (USSD); Stage 1  |
| 22.091 | 4 0 0   | Explicit Call Transfer (ECT) supplementary service; Stage 1  |
| 22.093 | 4 0 0   | Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1                                      |
| 22.094 | 4 1 0   | Follow Me service description - Stage 1  |
| 22.096 | 4 0 0   | Name identification supplementary services; Stage 1  |
| 22.097 | 4 1 0   | Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1   |
| 22.101 | 4 6 0   | Service aspects; Service principles  |
| 22.105 | 4 3 0   | Services & service capabilities  |
| 22.115 | 4 0 0   | Service Aspects Charging and billing   |
| 22.121 | 4 1 0   | Service aspects; The Virtual Home Environment; Stage 1   |
| 22.127 | 4 4 0   | Service Requirement for the Open Services Access (OSA); Stage 1  |
| 22.129 | 4 4 0   | Handover requirements between UTRAN and GERAN or other radio systems   |
| 22.135 | 4 1 0   | Multicall; Service description; Stage 1  |
| 22.140 | 4 2 0   | Service aspects; Stage 1; Multimedia Messaging Service   |
| 23.002 | 4 4 0   | Network Architecture   |
| 23.003 | 4 3 0   | Numbering, Addressing and Identification   |
| 23.007 | 4 0 0   | Restoration procedures   |
| 23.008 | 4 1 0   | Organisation of subscriber data  |
| 23.009 | 4 3 0   | Handover procedures  |
| 23.011 | 4 0 0   | Technical realization of Supplementary Services  |
| 23.012 | 4 0 0   | Location management procedures   |
| 23.014 | 4 0 0   | Support of Dual Tone Multi Frequency (DTMF) signalling   |
| 23.015 | 4 0 0   | Technical realisation of Operator Determined Barring (ODB)   |
| 23.016 | 4 1 0   | Subscriber data management; Stage 2  |
| 23.018 | 4 6 0   | Basic Call Handling; Technical realization   |
| 23.032 | 4 0 0   | Universal Geographical Area Description (GAD)  |
| 23.034 | 4 0 0   | High Speed Circuit Switched Data (HSCSD); Stage 2  |
| 23.035 | 4 0 0   | Immediate Service Termination (IST); Stage 2   |
| 23.038 | 4 4 0   | Alphabets and language-specific information  |
| 23.039 | 4 0 0   | Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) |
| 23.040 | 4 6 0   | Technical realization of Short Message Service (SMS)   |
| 23.041 | 4 2 0   | Technical realization of Cell Broadcast Service (CBS)  |
| 23.042 | 4 0 1   | Compression algorithm for SMS  |
| 23.048 | 4 3 0   | Security Mechanisms for the (U)SIM application toolkit; Stage 2  |
| 23.053 | 4 0 1   | Tandem Free Operation (TFO); Service description; Stage 2  |
| 23.057 | 4 5 0   | Mobile Execution Environment (MExE); Functional description; Stage 2   |
| 23.060 | 4 4 0   | General Packet Radio Service (GPRS) Service description; Stage 2   |
| 23.066 | 4 0 0   | Support of GSM Mobile Number Portability (MNP) stage 2   |
| 23.067 | 4 1 0   | Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2  |
| 23.072 | 4 0 0   | Call Deflection Supplementary Service; Stage 2   |
| 23.073 | 4 0 0   | Support of Localised Service Area (SoLSA); Stage 2   |
| 23.078 | 4 4 0   | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2                                       |
| 23.079 | 4 0 0   | Support of Optimal Routing (SOR); Technical realization; Stage 2   |
| 23.081 | 4 0 0   | Line Identification supplementary services; Stage 2  |
| 23.082 | 4 2 0   | Call Forwarding (CF) Supplementary Services; Stage 2   |
| 23.083 | 4 3 0   | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2  |
| 23.084 | 4 0 0   | MultiParty (MPTY) Supplementary Service; Stage 2   |
| 23.085 | 4 0 0   | Closed User Group (CUG) Supplementary Service; Stage 2   |
| 23.086 | 4 0 0   | Advice of Charge (AoC) Supplementary Service; Stage 2  |
| 23.087 | 4 0 0   | User-to-User Signalling (UUS) supplementary service; Stage 2   |

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| 23.088 | 4 0 0   | Call Barring (CB) Supplementary Service; Stage 2   |
| 23.090 | 4 0 0   | Unstructured Supplementary Service Data (USSD); Stage 2  |
| 23.091 | 4 0 0   | Explicit Call Transfer (ECT) Supplementary Service; Stage 2  |
| 23.093 | 4 0 0   | Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2                            |
| 23.094 | 4 0 0   | Follow Me Stage 2  |
| 23.096 | 4 0 0   | Name Identification Supplementary Service; Stage 2   |
| 23.097 | 4 0 0   | Multiple Subscriber Profile (MSP) Phase 1; Stage 2   |
| 23.101 | 4 0 0   | General UMTS Architecture  |
| 23.107 | 4 4 0   | Quality of Service (QoS) concept and architecture  |
| 23.110 | 4 0 0   | UMTS Access Stratum Services and Functions   |
| 23.116 | 4 2 0   | Super-Charger technical realization; Stage 2   |
| 23.119 | 4 0 0   | Gateway Location Register (GLR); Stage2  |
| 23.122 | 4 1 0   | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode                                   |
| 23.127 | 4 3 0   | Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2  |
| 23.135 | 4 0 0   | Multicall supplementary service; Stage 2   |
| 23.140 | 4 6 0   | Multimedia Messaging Service (MMS); Functional description; Stage 2  |
| 23.146 | 4 1 0   | Technical realisation of facsimile Group 3 service - non-transparent                                       |
| 23.153 | 4 4 0   | Out of Band Transcoder Control; Stage 2  |
| 23.205 | 4 4 0   | Bearer-independent circuit-switched core network; Stage 2  |
| 23.221 | 4 1 0   | Architectural requirements   |
| 23.227 | 4 2 0   | Application and user interaction in the UE; Principles and specific requirements                           |
| 23.271 | 4 5 0   | Functional stage 2 description of location services  |
| 23.907 | 1 2 0   | Quality of Service concept   |
| 23.908 | 4 0 0   | Technical report on Pre-Paging   |
| 23.909 | 4 0 0   | Technical report on the Gateway Location Register  |
| 23.910 | 4 4 0   | Circuit switched data bearer services  |
| 23.911 | 4 0 0   | Technical report on Out-of-band transcoder control   |
| 23.912 | 4 1 0   | Technical report on Super-Charger  |
| 23.930 | 4 0 0   | Iu Principles  |
| 24.002 | 4 0 0   | GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration                                  |
| 24.007 | 4 1 0   | Mobile radio interface signalling layer 3; General Aspects   |
| 24.008 | 4 6 0   | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3                              |
| 24.010 | 4 2 0   | Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects                    |
| 24.011 | 4 1 0   | Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface                          |
| 24.022 | 4 0 0   | Radio Link Protocol (RLP) for circuit switched bearer and teleservices                                     |
| 24.030 | 4 2 0   | Location Services (LCS); Supplementary service operations; Stage 3   |
| 24.067 | 4 1 0   | Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3                                   |
| 24.072 | 4 0 0   | Call Deflection Supplementary Service; Stage 3   |
| 24.080 | 4 2 0   | Mobile radio Layer 3 supplementary service specification; Formats and coding                               |
| 24.081 | 4 0 0   | Line Identification Supplementary Service; Stage 3   |
| 24.082 | 4 0 0   | Call Forwarding supplementary service; Stage 3   |
| 24.083 | 4 0 0   | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3                                      |
| 24.084 | 4 0 0   | MultiParty (MPTY) Supplementary Service; Stage 3   |
| 24.085 | 4 0 0   | Closed User Group (CUG) Supplementary Service; Stage 3   |
| 24.086 | 4 0 0   | Advice of Charge (AoC) Supplementary Service; Stage 3  |
| 24.087 | 4 0 0   | User-to-User Signalling (UUS); Stage 3   |
| 24.088 | 4 0 0   | Call Barring (CB) Supplementary Service; Stage 3   |
| 24.090 | 4 0 0   | Unstructured Supplementary Service Data (USSD); Stage 3  |
| 24.091 | 4 0 0   | Explicit Call Transfer (ECT) Supplementary Service; Stage 3  |
| 24.093 | 4 0 0   | Call Completion to Busy Subscriber (CCBS); Stage 3   |
| 24.096 | 4 0 0   | Name Identification Supplementary Service; Stage 3   |
| 24.135 | 4 1 0   | Multicall supplementary service; Stage 3   |
| 26.071 | 4 0 0   | AMR speech Codec; General description  |
| 26.073 | 4 1 0   | AMR speech Codec; C-source code  |
| 26.074 | 4 0 1   | AMR speech Codec; Test sequences   |
| 26.077 | 4 0 0   | Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder                |
| 26.090 | 4 0 0   | AMR speech Codec; Transcoding Functions  |
| 26.091 | 4 0 0   | AMR speech Codec; Error concealment of lost frames   |
| 26.092 | 4 0 0   | AMR speech Codec; comfort noise for AMR Speech Traffic Channels  |
| 26.093 | 4 0 0   | AMR speech Codec; Source Controlled Rate operation   |
| 26.094 | 4 0 0   | AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels                                  |
| 26.101 | 4 2 0   | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure |
| 26.102 | 4 0 0   | AMR speech Codec; Interface to Iu and Uu   |
| 26.103 | 4 2 0   | Speech codec list for GSM and UMTS   |
| 26.104 | 4 3 0   | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec                                  |
| 26.110 | 4 1 0   | Codec for circuit switched multimedia telephony service; General description                               |
| 26.111 | 4 0 0   | Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324                            |
| 26.115 | 4 0 0   | Echo control for speech and multi-media services   |
| 26.131 | 4 1 0   | Terminal acoustic characteristics for telephony; Requirements  |
| 26.132 | 4 2 0   | Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification                      |
| 26.233 | 4 2 0   | End-to-end transparent streaming service; General description  |
| 26.234 | 4 3 0   | End-to-end transparent streaming service; Protocols and codecs   |

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| 26.901      | 4 0 1   | AMR wideband speech codec; Feasibility study report  |
| 26.911      | 4 1 0   | Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide  |
| 26.912      | 4 0 0   | Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G  |
| 26.975      | 4 1 0   | Performance characterization of the Adaptive Multi-Rate (AMR) speech codec   |
| 26.978      | 4 0 0   | Results of the AMR noise suppression selection phase   |
| 27.001      | 4 7 0   | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)  |
| 27.002      | 4 0 0   | Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities  |
| 27.003      | 4 1 0   | Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities   |
| 27.005      | 4 1 0   | Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)   |
| 27.007      | 4 4 0   | AT command set for 3G User Equipment (UE)  |
| 27.010      | 4 2 0   | Terminal Equipment to User Equipment (TE-UE) multiplexer protocol  |
| 27.060      | 4 0 0   | Packet domain; Mobile Station (MS) supporting Packet Switched services   |
| 27.103      | 4 0 0   | Wide Area Network Synchronization  |
| 27.901      | 4 1 0   | Report on Terminal Interfaces - An Overview  |
| 27.903      | 4 0 0   | Discussion of synchronization standards  |
| 28.062      | 4 3 0   | Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3  |
| 29.002      | 4 7 0   | Mobile Application Part (MAP) specification  |
| 29.007      | 4 3 0   | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)                                      |
| 29.010      | 4 2 0   | 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) |
| 29.011      | 4 0 0   | Signalling Interworking for Supplementary Services   |
| 29.013      | 4 0 0   | Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols  |
| 29.016      | 4 0 0   | Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification  |
| 29.018      | 4 3 0   | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification   |
| 29.060      | 4 4 0   | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface   |
| 29.061      | 4 4 0   | Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)   |
| 29.078      | 4 4 0   | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification  |
| 29.108      | 4 1 0   | Application of the Radio Access Network Application Part (RANAP) on the E-interface  |
| 29.119      | 4 0 0   | GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)   |
| 29.120      | 4 0 0   | Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3   |
| 29.198-01   | 4 3 1   | Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview  |
| 29.198-02   | 4 4 0   | Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data   |
| 29.198-03   | 4 4 0   | Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework   |
| 29.198-04   | 4 3 0   | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control  |
| 29.198-05   | 4 4 0   | Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction  |
| 29.198-06   | 4 4 0   | Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility  |
| 29.198-07   | 4 4 0   | Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities   |
| 29.198-08   | 4 4 0   | Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control  |
| 29.198-11   | 4 3 0   | Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management   |
| 29.198-12   | 4 3 0   | Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging   |
| 29.202      | 4 1 0   | Signalling System No. 7 (SS7) signalling transport in core network; Stage 3  |
| 29.205      | 4 2 0   | Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3   |
| 29.232      | 4 4 0   | Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3  |
| 29.414      | 4 4 0   | Core network Nb data transport and transport signalling  |
| 29.415      | 4 2 0   | Core network Nb interface user plane protocols   |
| 29.998-01   | 4 0 0   | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping   |
| 29.998-04-1 | 4 2 0   | 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   |
| 29.998-05-1 | 4 0 0   | 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   |
| 29.998-05-4 | 4 0 0   | 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   |
| 29.998-06   | 4 0 0   | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP  |
| 29.998-08   | 4 0 0   | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP   |
| 31.101      | 4 0 0   | UICC-terminal interface; Physical and logical characteristics  |
| 31.102      | 4 4 0   | Characteristics of the USIM Application  |
| 31.110      | 4 1 0   | Numbering system for telecommunication IC card applications  |
| 31.111      | 4 6 0   | USIM Application Toolkit (USAT)  |
| 31.121      | 4 0 0   | UICC-terminal interface; USIM application test specification   |
| 31.900      | 4 0 0   | SIM/USIM internal and external interworking aspects  |
| 32.101      | 4 2 1   | 3G Telecom Management principles and high level requirements   |
| 32.102      | 4 2 0   | 3G Telecom Management Architecture   |

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| 32.111-1 | 4 0 0   | Telecommunication management; Fault Management; Part 1: 3G fault management requirements   |  |
| 32.111-2 | 4 3 0   | Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service                                     |  |
| 32.111-3 | 4 2 0   | Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1                          |  |
| 32.111-4 | 4 2 0   | Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set                                       |  |
| 32.200   | 4 1 0   | Telecommunication management; Charging management; Charging principles   |  |
| 32.205   | 4 1 1   | Telecommunication management; Charging management; 3G charging data description for the CS domain  |  |
| 32.215   | 4 2 1   | Telecommunications management; Charging management; Charging data description for the Packet Switched (PS) domain                                  |  |
| 32.235   | 4 1 0   | Telecommunication management; Charging management; Charging data description for application services  |  |
| 32.300   | 4 1 0   | Telecommunication management; 3G configuration management; Name convention for Managed Objects   |  |
| 32.301   | 4 0 1   | Telecommunication management; Configuration Management; Notification IRP: requirements   |  |
| 32.302   | 4 1 0   | Telecommunication management; Configuration Management; Notification Integration Reference Point; Information Service version 1                    |  |
| 32.303   | 4 2 0   | Telecommunication management; Configuration Management; Notification Integration Reference Point; CORBA solution set version 1:1                   |  |
| 32.304   | 4 2 0   | Telecommunication management; Configuration Management; Notification Integration Reference Point: CMIP Solution Set Version 1:1                    |  |
| 32.311   | 4 0 1   | Telecommunication management; Generic IRP management; Requirements   |  |
| 32.312   | 4 0 0   | Telecommunication management; Generic IRP management; Information service  |  |
| 32.401   | 4 1 0   | Telecommunication management; Performance Management (PM); Concept and requirements  |  |
| 32.403   | 4 2 0   | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM                                   |  |
| 32.600   | 4 0 0   | Telecommunication management; Configuration Management; 3G configuration management; Concept and main requirements                                 |  |
| 32.601   | 4 0 0   | Telecommunication management; Configuration Management; Basic CM IRP: requirements   |  |
| 32.602   | 4 1 0   | Telecommunication management; Configuration Management; Basic configuration management IRP information model                                       |  |
| 32.603   | 4 2 0   | Telecommunication management; Configuration Management; Basic configuration management IRP: CORBA solution set                                     |  |
| 32.604   | 4 2 0   | Telecommunication management; Configuration Management; Basic configuration management IRP CMIP solution set                                       |  |
| 32.611   | 4 0 0   | Telecommunication management; Configuration management; 3G configuration management: Bulk CM IRP requirements                                      |  |
| 32.612   | 4 1 0   | Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management IRP: Information service        |  |
| 32.613   | 4 1 0   | Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management IRP: CORBA solution set         |  |
| 32.614   | 4 1 0   | Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management IRP: CMIP solution set          |  |
| 32.615   | 4 2 0   | Telecommunication management; Configuration management; 3G configuration management: Bulk configuration management IRP: XML file format definition |  |
| 32.621   | 4 0 0   | Telecommunication management; Configuration Management; Generic network resources IRP: requirements  |  |
| 32.622   | 4 2 0   | Telecommunication management; Configuration Management; Generic network resources IRP: NRM   |  |
| 32.623   | 4 2 0   | Telecommunication management; Configuration Management; Generic network resources IRP: CORBA solution set  |  |
| 32.624   | 4 3 0   | Telecommunication management; Configuration Management; Generic network resources: IRP CMIP solution set   |  |
| 32.631   | 4 0 0   | Telecommunication management; Configuration Management; Core network resources IRP: requirements   |  |
| 32.632   | 4 1 0   | Telecommunication management; Configuration Management; Core Network Resources IRP: NRM  |  |
| 32.633   | 4 0 0   | Telecommunication management; Configuration Management; Core network resources IRP: CORBA solution set   |  |
| 32.634   | 4 1 0   | Telecommunication management; Configuration Management; Core network resources IRP: CMIP solution set  |  |
| 32.641   | 4 0 0   | Telecommunication management; Configuration Management; UTRAN network resources IRP: requirements  |  |
| 32.642   | 4 0 0   | Telecommunication management; Configuration Management; UTRAN network resources IRP: NRM   |  |
| 32.643   | 4 1 0   | Telecommunication management; Configuration Management; UTRAN network resources IRP: CORBA solution set  |  |
| 32.644   | 4 1 0   | Telecommunication management; Configuration Management; UTRAN network resources IRP: CMIP solution set   |  |
| 33.102   | 4 3 0   | 3G security; Security architecture   |  |
| 33.103   | 4 2 0   | 3G security; Integration guidelines  |  |
| 33.105   | 4 1 0   | Cryptographic Algorithm requirements   |  |
| 33.106   | 4 0 0   | Lawful interception requirements   |  |
| 33.107   | 4 3 0   | 3G security; Lawful interception architecture and functions  |  |
| 33.120   | 4 0 0   | Security Objectives and Principles   |  |
| 33.200   | 4 3 0   | Network Domain Security - MAP  |  |
| 33.901   | 4 0 0   | Criteria for cryptographic Algorithm design process  |  |
| 33.902   | 4 0 0   | Formal Analysis of the 3G Authentication Protocol  |  |
| 33.908   | 4 0 0   | 3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms                  |  |
| 33.909   | 4 0 1   | 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example  |  |

| spec     | version |   |   | Title   |
|----------|---------|---|---|---|
|          |         |   |   | algorithm for the 3GPP authentication and key generation functions  |
| 34.108   | 4       | 2 | 1 | Common test environments for User Equipment (UE) conformance testing  |
| 34.109   | 4       | 2 | 0 | Terminal logical test interface; Special conformance testing functions  |
| 34.122   | 4       | 3 | 0 | Terminal Conformance Specification, Radio Transmission and Reception (TDD)  |
| 34.123-1 | 4       | 2 | 0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification   |
| 34.123-2 | 4       | 2 | 0 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification   |
| 34.124   | 4       | 0 | 0 | Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment   |
| 34.910   | 1       | 0 | 0 | Identification of test requirements for regulatory purposes in different regions/countries  |
| 34.926   | 4       | 0 | 0 | Table of international EMC requirements   |
| 35.201   | 4       | 1 | 0 | Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications  |
| 35.202   | 4       | 0 | 0 | Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification  |
| 35.203   | 4       | 0 | 0 | Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data   |
| 35.204   | 4       | 0 | 0 | Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data  |
| 35.205   | 4       | 0 | 0 | 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                                      |
| 35.206   | 4       | 0 | 0 | 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                      |
| 35.207   | 4       | 0 | 0 | 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                      |
| 35.208   | 4       | 0 | 0 | 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                 |
| 35.909   | 4       | 0 | 0 | 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 |

**Table 1 – 3GPP core network and system specifications and versions for Release 4**

### 3 Information to be provided by each SDO

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

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

### 4 Recommendations

Two issues have been raised during the ITU-T Ad Hoc meeting:

- The current draft Q.1741.2 refers to TS 21.202. This document does not exist; the reference should be to TS 21.102.
- Table 1/Q.1741.2 describes the mapping of GSM to 3G specification numbers but it contains many errors. It is recommended to delete Table 1/Q.1741.2 from the draft.

### 5 Actions:

To SDOs

**ACTION:** 3GPP TSG CN asks all SDOs to forward to ITU-T the information described in Section 2 and 3.