

TSG-System Aspects Working Group 1 (Services) meeting #3

TSGS1#3(99)347Hampton Court, Surrey, UK 10th-12th May 1999

Agenda: 5.2

Source: S1~~Alcatel, Ericsson, Fujitsu, MMO, Motorola, NEC Technologies, Nokia, Nortel Networks, NTT DoCoMo, Siemens~~**Title:** *Proposed* LS Work transfer from SMG1 to 3GPP**To:** ETSI SMG, 3GPP TSG SA**Cc:** TSG CN SS ad hoc

TSG SA WG1 (S1) has received an LS from TSG CN SS ad hoc (attached) raising concern due to fact that supplementary service (SS) specification stage 1's are not available to 3GPP currently.

S1 proposed SS specifications to be moved, among other 02-series specifications, to 3GPP at SMG#28. This was however not accepted. SMG#28 only agreed to have joint responsibility of CAMEL, SAT and MExE stage 1's. However it remained unclear to SMG1/S1 how CRs to these specifications will be approved in details.

S1 is not allowed to make the decision alone to move specifications to 3GPP, thus guidance is sought from SMG and TSG SA, and if needed they should seek approval for higher responsible body.

Proposal

TSG-S1 has studied the specifications and reports of SMG1, both in the 02 and 22 series. It is clear that many of these are appropriate to UMTS and would be suitable to transfer into 3GPP. S1 has already included relevant requirements at SMG1 specifications by having normative references from 22-series to 02-series.

Although some specifications relate purely to GSM, a considerable number have been identified which are considered relevant to both GSM and UMTS. Annex 1 lists SMG1 GSM specifications proposed to be transferred to 3GPP. Annex 2 lists remaining 02-series specifications.

All UMTS specifications and reports produced by SMG1 have already been transferred to 3GPP.

TSG-S1 proposes that all specifications and reports which are agreed to be relevant to UMTS, including those still part of the GSM standard, should be transferred to the responsibility of 3GPP by SMG, and placed under the change control of the TSG-SA.

Since many specifications are still of interest to SMG, SMG1 and S1 shall continue having joint meetings, in order to meet the needs of both communities.

Annex 1: List of SMG1 GSM specifications and reports that may be moved to 3GPP TSG-S1 responsibility

- 02.02 Bearer Services Supported by a GSM PLMN
- 02.04 General on Supplementary Services
- 02.11 Service Accessibility
- 02.16 International Mobile Equipment Identities (IMEI)
- 02.22 Personalisation of GSM ME Mobile functionality specification - Stage 1
- 02.24 Description of Charge Advice Information (CAI)
- 02.30 Man-Machine Interface (MMI) of the Mobile Station (MS)
- 02.41 Operator Determined Call Barring
- 02.42 Network Identity and Time Zone (NITZ), stage 1
- 02.43 Support of Localised Service Area (SoLSA) - Stage 1
- 02.57 Mobile Station Application Execution Environment (MExE); Stage 1
- 02.60 General Packet Radio Service (GPRS); Stage 1
- 02.66 Support of Mobile Number Portability (MNP); Stage 1
- 02.67 Priority Set-up Service(PSUS); Stage 1(ASCI spec)
- 02.71 Location Services (LCS); Stage 1 (T1P1)
- 02.72 Call Deflection (CD); Stage 1
- 02.78 CAMEL; Stage 1
- 02.79 Support of Optimal Routing; Stage 1
- 02.81 Line Identification Supplementary Services; Stage 1
- 02.82 Call Forwarding (CF) Supplementary Services; Stage 1
- 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1
- 02.84 MultiParty (MPTY) Supplementary Service; Stage 1
- 02.85 Closed User Group (CUG) Supplementary Services; Stage 1
- 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1
- 02.87 User-to-user signalling (UUS); Stage 1
- 02.88 Call Barring (CB) Supplementary Services; Stage 1
- 02.90 Unstructured Supplementary Service Data (USSD); Stage 1
- 02.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 1
- 02.93 Call Completion to Busy Subscriber (CCBS); Stage 1
- 02.96 Calling Name Presentation (CNAP); Stage 1 (T1P1)
- 02.97 Multiple Subscriber Profile (MSP); Stage 1
- 02.sat SIM application toolkit (SAT); Stage 1

Annex 2: List of SMG1 UMTS specifications and reports.

Specifications remaining at SMG1

- 02.01 Principles of Telecommunication Services Supported by a GSM PLMN
- 02.03 Teleservices Supported by a GSM PLMN
- 02.06 Types of Mobile Stations (MS)
- 02.07 Mobile Station (MS) Features
- 02.34 High Speed Circuit Switched Data (HSCSD) - Stage 1
- 02.40 Procedures for Call Progress Indications
- 02.56 GSM Cordless Telephony System (CTS) stage 1 description
- 02.63 PDS (Packed Data on Signalling channels); Stage 1 (Note: not to be maintained after rel 98).
- 02.68 Voice Group Call Service (VGCS); Stage 1(ASCI spec)
- 02.69 Voice Broadcast Service (VBS); Stage 1(ASCI spec)
- 02.95 Support of Private Numbering Plan (SPNP); Stage 1 (Note: not to be maintained after rel 98).

02-series specification where SMG1 do not have primary responsibility (for information).

- 02.09 Security Aspects (SMG10)
- 02.17 Subscriber Identity Modules, Functional Characteristics (SMG9)
- 02.19 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1 (SMG9)
- 02.31 Fraud Information Gathering System (FIGS), Service description - Stage 1(SMG10)
- 02.32 Immediate Service Termination (IST) stage 1 (SMG10)
- 02.33 Lawful Interception – stage 1 (SMG10)
- 02.48 Security mechanisms for the SIM Application Toolkit (SMG9/10)
- 02.53 Tandem Free Operation (TFO); Stage 1 (SMG11)

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Agenda: 5.2.1

TSG CN SS ad hoc
ETSI/SMG3/SMG3-WPB
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Source: TSG CN SS ad hoc
To: SMG1
CC: TSG SA WG1

**LS on document handling of
supplementary service specifications for Release 99**

The TSG CN SS ad hoc is a working group within TSG CN, responsible for supplementary service matters of the UMTS Release 99. During their first meeting the CN SS ad hoc has recognised that there are no stage 1 specifications of supplementary services available in 3GPP.

This fact has raised some concerns within the TSG CN SS ad hoc. This is because the 3GPP TSG CN has agreed that the Core Network of UMTS Phase 1 will be developed as an evolution of the GSM Core Network based on Release 98. Therefore it was agreed by TSG CN and SMG#28 to forward the majority of the core specifications in responsibility of SMG3, including the supplementary service specifications, to 3GPP TSG CN.

This was considered to be very important to enable the concept of the evolution of the GSM core network towards UMTS, agreed together with the organisational partners of ETSI within 3GPP.

Since the implementation of all supplementary services is based only on functions and procedures of the core network (including the layer 3 access protocol), it is desirable from the SS ad hoc viewpoint to have supplementary service stage 1 specifications available in 3GPP.

It is assumed that from service viewpoint, the operation of supplementary service will not be changed in UMTS Phase 1 compared to GSM Release 98. To confirm this, the TSG CN SS ad hoc group kindly asks SMG1 to check together with TSG SA WG1 the existing supplementary service stage 1 specifications on impact due to UMTS Phase 1. It is proposed by the TSG SS ad hoc to forward then the updated supplementary service stage 1 specifications to 3GPP TSG SA WG1 for further treatment, similar to the decision taken by SMG3 and TSG CN. This is considered as very important to make a consistent specification set (Stage 1, 2 and 3) globally available within 3GPP.