

Technical Specification Group Services and System Aspects
Meeting #2, Fort Lauderdale, 2-4 March 1999

TSGS#2(99)016

Source: TSG_SA_WG1
Title: Work transfer from SMG1 to 3GPP
Document for: Policy to be recommended
Agenda Item: 9.1

Two contributions are enclosed: TSG_SA_WG1 Tdocs 080 and 081. The latter provides detailed lists of specifications and reports.

Agenda Item: 7**Source:** TSG –S1

Title: **Liaison to ETSI/SMG****Subject:** **Work transfer from SMG1 to 3GPP**

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. However, although some specifications relate purely to GSM, a considerable number have been identified which are considered relevant to both GSM and UMTS. See attached tdoc TSG-S1#1(99)081.

Logically those specifications which are common to GSM and UMTS are needed by both groups, since networks may be to either or both standards. A decision is therefore needed whether to keep the common specifications in SMG or transfer them 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 of these are still of interest to SMG, it is further proposed that future meetings be held jointly between SMG1 and TSG-S1, in order to meet the needs of both communities. If this is agreed, such meetings would start with a (possibly short) GSM only part, followed in the agenda with joint GSM/UMTS topics and then UMTS only.

SMG is invited to endorse this approach.

Agenda Item: 7
Source: TSG –S1
Title: **Work transfer from SMG1 to 3GPP**

From WOME#8 meeting minutes:

Recommendation of WOME#8: *When a specification is “GSM only”, it should be under responsibility of SMG. When a specification is “both GSM and UMTS” or “UMTS only”, it should be under responsibility of 3GPP (including versions of earlier releases due to the consistency of error corrections). It might be necessary to split some specifications in order to isolate the “GSM only” parts. SMG should decide explicitly specification by specification which specifications should be transferred to 3GPP, and of course an acceptance of 3GPP would be necessary.*

3GPP must have responsibility over all specifications that are part of UMTS as specified in 3GPP. As UMTS phase 1 is based on the GSM core network, a big part of SMG1 work needs to be transferred to 3GPP. This chapter proposes which specifications should be moved.

GSM Specifications

The following GSM specifications need to be transferred to 3GPP. In some cases, only part of the specification will be adopted for UMTS. Also, some features considered mandatory in GSM might be desirable but not mandatory in UMTS, especially in the light of the latest regulatory Directives. Annex 1 lists SMG1 GSM specifications proposed to be transferred to 3GPP. Annex 2 lists remaining 02-series specifications, some of those might be needed to transfer to 3GPP after further study.

UMTS Specifications

It's proposed that all UMTS specifications and reports produced by SMG1 are taken as a basis to TSG SA WG1 specification structure. However it has already been identified that some reports need no longer be maintained. (Annex 3)

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

- 02.04 General on Supplementary Services
- 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)
- 02.41 Operator Determined Call Barring
- 02.42 Network Identity and Time Zone (NITZ), 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
- 02.72 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.XX SIM application toolkit (SAT); Stage 1
- 02.XX Location Services (LCS); Stage 1 (T1P1)

Annex 2: List of SMG1 UMTS specifications and reports.

Further study needed (parts or whole specifications might be transferred later).

- 02.02 Bearer Services Supported by a GSM PLMN
- 02.11 Service Accessibility
- 02.30 Man-Machine Interface (MMI) of the Mobile Station (MS)
- 02.34 High Speed Circuit Switched Data (HSCSD) - Stage 1
- 02.43 Support of Localised Service Area (SoLSA) - Stage 1

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
- 02.40 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
- 02.67 Priority Set-up Service(PSUS); Stage 1(ASCI spec)
- 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

02-series specification where SMG1 do not have primary responsibility.

- 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)

Annex 3: List of SMG1 UMTS specifications and reports.

- TS 22.00 UMTS phase 1 capabilities
- TS 22.01 UMTS Service principles
- TS 22.05 Services and service capabilities
- TS 22.15 Service aspects: Charging and Billing
- TS 22.20 Service management
- TS 22.21 Virtual Home Environment
- TS 22.29 DRAFT Handover Requirements between UMTS and GSM or other Radio Systems
- TR 22.07 UMTS Terminal and Smart Card Concepts
- TR 22.24 Charging and Accounting Mechanism
- TR 22.25 Quality of service and network performance
- TR 22.60 Mobile multimedia services including mobile Intranet and Internet services
- TR 22.70 Virtual Home Environment
- TR 22.71 Automatic establishment of roaming relations
- TR 22.72 Multimedia

- TR 22.75 Advanced addressing