

TSG-T

Progress Report

TSG-T Chairman:
Sang-Keun Park
(Samsung Electronics, TTA)

Contents

- **Progress Report**
 - **T1: Conformance Testing**
 - **T2: Services and Capabilities**
 - **T3: USIM**
- **List of Approved Document**
- **List of Documents for Information**
- **Requesting to SA**
- **Meeting Calendar**

T1 Conformance Testing

- **SWG Signaling**
 - **Types of test case:**
 - Regulatory/Interoperability/Voluntary
 - **Development of 3GPP TTCN Test Spec.**
 - Funding for STF to develop the protocol conformance tests in TTCN for the MS interoperability (SP-99278)
 - NOTE: Some manufacturers will produce 3GPP test equipment. The interface between the test specifications and the TTCN test equipment should be standardised

T1 Conformance Testing

- **SWG EMC**
 - **New Chairman : John Fenn (SAMSUNG/ETSI)**
 - **Two stages on the specifications:**
 - Stage1: Report/Specification on regional EMC requirements
 - Stage2: Intend to produce global EMC requirements
- **SWG RF**
 - **Logical Test Interface**
 - FDD and TDD to be merged in July 1999 as TS 34.109
 - Delayed to be v1.0.0: inconclusive BER/FER issues (RAN4)

T1 Conformance Testing

- **SWG RF (Continued)**
 - **TS 34.121: Measurement Procedure (FDD)**
 - changed Title to “Terminal Conformance Specification, Radio Transmission and Reception (FDD)”
 - updated from v0.2.0 to v1.0.0.
 - **TS 34.122: Measurement Procedure (TDD)**
 - changed Title to “Terminal Conformance Specification, Radio Transmission and Reception (TDD)”
 - cannot be updated to v1.0.0 due to due to lack of contributions
- **Related RAN4 document must be stabilised by October**
 - In order to finalise the RF specifications by end of 1999

T2 Services & Capability

- **SWG1 (MExE)**
 - **MExE R98 GSM 03.57**
 - Finalised and will be presented to SMG#29 for approval
 - Presented as 3G TS 23.057 v1.1.0 to TSG-T
 - For information because it is the basis of the new MExE release
 - **Work on New release**
 - Start as soon as Stage 1 for MExE R99 is approved at SMG#29

T2 Services & Capability

- **SWG2 (Terminal Interfaces)**

- Some progress on the discussion on whether the physical connector of the terminal should be standardised or not

- TSG-T sent a LS to OP and PCG asking for clarification of the term “Global circulation”

- **Next TSG-T2 SWG2**

- Report on “Synchronisation and Object exchange”
- No input: Alternatives to AT commands
- There might be some input on the coding of additional language characters in SMS text strings and phonebook (Japanese, Korean, Chinese etc.)

T2 Services & Capability

- **SWG3(Messaging)**
 - **Decision of S1**
 - Stage 1 for the Multimedia Messaging Service (MMS) should be produced by T2
 - First draft discussed
 - **An enhanced cell broadcast service**
 - No progress due to no input
- **SWG5 (Multi-mode Terminals)**
 - Working on the report “Multi-mode terminal issues” : to be completed by Oct. 1999

T2 Services & Capability

- **SWG6 (Terminal Features & Performance)**
 - New Chairman: Kazuya Hashimoto (NEC/ETSI)
 - Terminal Capabilities issue
 - TR 21.904 v.0.0.3 Terminal Capabilities Requirements is being drafted.
 - T1 is discussing how the work on terminal capabilities in T2 should be used.(e.g. for ICS)
 - New LSs to other WGs will be sent.
- **One coordinator/Each WG has been assigned to monitor the progress on baseline & service capabilities issues**

T3 USIM

- **Status of Deliverables**
 - TS 21.111 (v.3.0.0) “USIM and IC Card Requirements- no changes.
 - Progress reported on both deliverables
 - TS 31.101 v 0.5.0
 - “UICC physical & logical characteristics”
 - TS 31.102 v 0.5.0
 - “USIM characteristics”
 - Planned to submit for information (v.1.0.0) to TSG-T#5 in October 1999

T3 USIM

Phonebook issue

- **More complex than GSM ADN**
 - Examples
 - Second names, Fax numbers imply linked records, etc.
- **Progress**
 - Three different proposals under evaluation
 - Decision at the coming T3 meeting
 - @ Lund, July 1999

T3 USIM

- **Allocation of Application Identifiers (AIDs)**
 - **USIM application(s) require IDs on the UICC**
 - Three scenarios for their management (TP-99131)
 - one of the 3GPP OPs applies for a RID (Registered Application Provider Identifier) and administers the list of AIDs for 3GPP (possibly ETSI which already has a RID)
 - 3GPP as an organisation in its own right applies for a RID, and 3GPP or one of the partners maintains the list of AIDs for 3GPP
 - each partner independently applies for a RID and T3 specifies the structure of the PIX (Proprietary application identifier extension) in a 3GPP document, which applies to all Partners
 - TSG-T suggested the **second option** as the most suitable and asks TSG-SA/PCG for endorsement

T3 USIM

- **Transfer of GSM specifications to 3GPP**
 - **GSM 11.14 SIM Application Toolkit**
 - Major importance for development of operator specific services
 - **Two major problems were identified:**
 - Use of toolkit applications on UICCs with more than one USIM
 - Resource problem on restructuring of document

T3 USIM

- **GSM 11.17 SIM Conformance Test Specification**
 - **optional GSM Phase 2+ specification**
 - Needs to be rewritten due to (some) different requirements - considered of secondary importance w.r.t. testing
 - Urgent requirement
 - “transforming” section 27 of GSM 11.10 into a test specification for the UICC-Terminal interface
 - **T3 has currently no resources to do either task**
 - **Request for funding of USIM testing (SP-99277)**

Approved Documents(1)

- **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)
- **TS 27.007:** AT command set for 3GPP User Equipment (UE)
- **TS 27.010:** Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol
- **TS 23.038:** Alphabets and language-specific information

Approved Documents(2)

- TS 23.039:** Interface protocols for the connection of Short Message Service Centres (SMSCs) to Short Message Entities (SMEs)
- **TS 23.040:** Technical realisation of the Short Message Service (SMS); Point-to-Point (PP)
 - **TS 23.042:** Compression algorithm for text messaging services
 - **TR 34.925:** Specific Absorption Rate (SAR) requirements and regulations

Documents for Information

- **TR 34.907:** Electrical safety requirements and regulations
- **TR 34.925:** Terminal Capability requirements (v. 1.0.0) is plan to TSG-T#5 in October 1999

Requesting to SA

- Request for funding of USIM testing
 - 6/8 months (see **SP-99277**).
- Request for funding of protocol conformance tests in TTCN for the MS interoperability
 - 6.5 years (see **SP-99278**)
- Request for guidance on Harmonised Regulatory Standards for 3GPP Terminals
 - See **SP-99279**
- Request for endorsement of approach on Allocation of Application Identifiers (AIDs)
- **Request for harmonisation in Terminology**

Meeting Calendar

Meeting No.	Date	Location	Host
Year 1999			
TSG-T#5	7-8 Oct	Korea	TTA
TSG-T#6	13-15 Dec.	France	ETSI
Year 2000			
TSG-T#7	13-15 Mar.	Spain	Telefonica
TSG-T#8	5-7 June	Germany	Mannesmann
TSG-T#9	25-27 Sep.	Host required!	
TSG-T#10	11-13 Dec.	Host required!	