

**Source:** Dr Sang-Keun PARK (Samsung), TSG-Terminal Chairman  
**Title:** Report from TSG-T to TSG-SA (presentation slides in **SP-99280**)  
**Agenda Item:** 6.3

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## Summary

- 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) – see **3.3** for details
  - 3GPP applies for a RID, and 3GPP or one of the partners maintains the list of AIDs for 3GPP
- Requesting for harmonisation in terminology.

## TSG-T Meeting Calendar

Meeting	Date	Location	Host
TSG-T#5	7-8 October 1999	Korea	TTA
TSG-T#6	13-15 December 1999	Sophia Antipolis / France	ETSI
TSG-T#7	13-15 March 2000 (TBC)	Madrid/ Spain	Telefonica
TSG-T#8	5-7 June 2000 (TBC)	Berlin /Germany	Mannesmann
TSG-T#9	25-27 September 2000	<b>Host required</b>	
TSG-T#10	11-13 December 2000	<b>Host required</b>	

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# 1 WG T1 Mobile Terminal Conformance Testing

- T1 work could benefit from more American involvement.
- Request for guidance on Harmonised Regulatory Standards for 3GPP Terminals (see [SP-99279](#)/ TP-99138).

## 1.1 SWG T1/Signalling

will produce three types of test cases:

- Regulatory;
- Interoperability;
- Voluntary ~~certification~~.

### Funding for development of 3GPP TTCN specifications

TSG-T endorsed the request for setting up a Specialist Task Force (STF) to develop the protocol conformance tests in TTCN for the MS interoperability (see [SP-99278](#)/ TP-99137).

NOTE: Some manufacturers will produce 3GPP test equipment. The interface between the test specification and the TTCN-test equipment should be standardised.

## 1.2 SWG T1/EMC

[John FENN \(Samsung\)](#) was elected Chairman of SWG T1/EMC.

It was decided to have two stages on the specifications:

- stage 1: EMC requirements region by region;
- stage 2: global EMC requirements.

LS to CISPR on “EMC requirements above 1 GHz” ~~was~~will be sent out. ~~Status: awaiting reply from CISPR.~~

## 1.3 SWG T1/RF

### Logical Test Interface

- FDD and TDD to be merged in July 1999 as TS 34.109;
- cannot be updated to v1.0.0 due to inconclusive BER/FER issues to be discussed with RAN4.

### 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 lack of contributions.

**NOTE: If the related RAN4 document is not stable by October, the RF specifications cannot be finalised by end 1999.**

## 1.4 TSG-T1 Meeting Calendar

Meeting	Date	Location	Host
TSG T1/EMC#8	30 July 1999	QUEENSFERRY (GB)	
TSG T1/EMC#9	6 September 1999	Makuhari (Japan) + RAN4	
TSG T1/RF#6	13-14 September	Kobe (Japan)	HP
TSG T1/Sig#4	13-14 September	Kobe (Japan)	HP
TSG T1#4	16-17 September	Kobe (Japan)	HP
TSG T1#5	9-10 December	Sophia Antipolis (France)	ETSI

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## 2 WG T2 Mobile Terminal Services and Capability

### 2.1 SWG1 Execution Environment

MExE R98 GSM 03.57 was finalised and will be presented to SMG#29 for approval.

- presented as 3G **TS 23.057** v.1.1.0 to TSG-T for information because it is the basis of the new MExE release.
- work on this new release will start as soon as Stage 1 for MExE R99 is approved at SMG#29.

### 2.2 SWG2 Terminal Interfaces

- Some progress was made 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 circulations”.
- On the topic **synchronisation and object exchange** a report is expected at the next TSG-T meeting.
- No contributions were received so far on the **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.)
- TSG-T approved three **TS 27.005, 27.007, 27.010** as v.3.0.0 plus 4 CRs (3 on **27.007** and 1 on **27.010**)

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

### 2.3 SWG3 Messaging

- S1 agreed that **Stage 1** for the **Multimedia Messaging Service (MMS)** should be produced by T2. A first draft was discussed by T2.
- So far, there was no input regarding an **enhanced cell broadcast service**. Interested companies are encouraged to contribute.
- TSG-T approved four **TS 23.038, 23.039, 23.040, 23.042** as v.3.0.0 plus 2 CRs (**TS 23.038, 23.040**).

TS 23.038	Alphabets and language-specific information
TS 23.039	Interface protocols for the connection of Short Message Service Centres (SMSCs) to Short Message Entities (SMEs)
TS 23.040	Technical realization of the Short Message Service (SMS); Point-to-Point (PP)
TS 23.042	Compression algorithm for text messaging services

### 2.4 SWG6 Terminal Features and Performance

- new Chairman: Kazuya HASHIMOTO (NEC)
- **Kiyohito NAGATA, DoCoMo, resigned** as SWG6 chairman due to change of responsibility (promotion) inside his organisation. TSG-T warmly thanked Kiyohito NAGATA for his very active role and excellent results achieved as chairman of T2/SWG6 and in liaising with the other TSGs.
- Terminal Capability Issue
  1. TR 21.904 v.0.0.3 Terminal Capabilities Requirements is being drafted.
  2. T1 is discussing how the work on terminal capabilities in T2 should be used.(e.g. for ICS)
  3. New LSs to other WGs will be sent.
- TSG-T approved **TR 34.925** (v.3.0.0) on “Specific Absorption Rate (SAR) requirements and regulations”.
- TSG-T noted **TR 34.907** (v.1.0.0) on “Electrical safety requirements and regulations” submitted for information.
- **TR 34.925** on “Terminal Capability requirements” is planned for submission for information (v.1.0.0) to TSG-T#5 in October 1999.

## 2.5 TSG-T2 Meeting Calendar

Meeting	Date	Location	Host
T2 SWG1	15-16 July 1999	Tampere, Finland	Nokia
T2 SWG5	Last week in July 1999		
SMG4 / T2#5	6-9 Sept 1999	Finland	Sonera
T2#6	4-6 Oct 1999	Korea	Samsung
T2#7	22-26 Nov 1999		
SMG4/T2#8	31 Jan – 3 Feb 2000		
SMG4/T2#9	17-20 April 2000		
T2#10	10-13 July 2000		

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## 3 WG T3 USIM

### 3.1 Status of Deliverables

- **TS 21.111** (v.3.0.0) “USIM and IC Card Requirements” - no changes.
- progress reported on both deliverables (v.0.5.0), which are planned for submission for information (v.1.0.0) to TSG-T#5 in October 1999: **TS 31.101** “UICC physical and logical characteristics” and **TS 31.102** “USIM characteristics”

### 3.2 Phonebook

- more complex than GSM abbreviated dialling numbers (e.g., second names, fax numbers imply linked records);
- three different proposals are currently under evaluation & decision to be taken at the coming T3 meeting.

### 3.3 Allocation of Application Identifiers (AIDs)

USIM application(s) require identifiers on the UICC. Three scenarios for their management were identified (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 considers the **second option as the most suitable and asks TSG-SA/PCG for endorsement.**

3GPP would create a document similar to the ETSI Guide EG 201 220 for the structure and maintenance of AIDs.

### Background

In a multi-application environment, a flexible application selection method is an obvious requirement. ISO/IEC 7816-5 specifies application identifiers (AIDs) and the registration of such identifiers.

These identifiers allow each application and each application provider to be uniquely identified.

The AID is used to explicitly select an application in a multi-application smart card, e.g. a specific USIM application (there may be more than one) or a GSM application on the same card. An AID consists of a RID (Registered Application Provider Identifier) and a PIX (Proprietary application identifier extension). As an example, in the case of telecommunications cards issued by ETSI, the RID is the unique ETSI RID issued by ISO/IEC followed by the PIX which identifies the application and the application issuer.

Currently, two ETSI applications have been defined (GSM and SIM Application Toolkit). Details of the process and the precise format of the ETSI-AIDs are specified in the ETSI Guide EG 201 220.

AIDs need to be managed for 3GPP applications. There are some issues, which need to be resolved.

### 3GPP AID Administration

Administration means obtaining a RID from ISO/IEC, and issuing and maintaining the list of AIDs.

Issue and maintenance of the AIDs consists of assigning and registering a unique identifier to an application upon request by the appropriate 3GPP committee.

The PIX could be structured in such a way that there is no need for any further action by the administration authority as it has been achieved in EG 201 220 (e.g. there is no need to assign identifiers to issuers or maintain a list of issuers).

TSG-T believes that 3GPP as “an international organisation in charge of specification of IC card applications” (ISO/IEC 7816-5) could apply for a RID from ISO/IEC and administer AIDs. The charged fee by the ISO/IEC registration authority (Tele Denmark) to issue a RID is less than USD 100.

### 3.4 Transfer of GSM specifications to 3GPP

- **GSM 11.14 SIM Application Toolkit** - seen of major importance for development of operator specific services  
Two major problems were identified:
  - use of toolkit applications on UICCs with more than one USIM;
  - restructure of document (resource problem).
- **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 for “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.

NOTE: this is not TTCN code (see T1 request **SP-99278**).

TSG-T endorsed the **Request for funding of USIM testing** (see **SP-99277**/ TP-99136).

### 3.5 TSG-T3 Meeting Calendar

Meeting	Date	Location	Host
TSG-T3 #7	05 - 07 July 1999	Lund (Sweden)	Ericsson
TSG-T3 editing meeting	24 - 26 August 1999	Bonn	T-Mobil
TSG-T3 #8	04 - 06 October	Korea	Samsung et al.
TSG-T3 #9	02 - 04 November 1999	Austin	Schlumberger