

TSG-T Progress Report

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

Objectives of TSG-T#6

- To **finalise** the R99 deliverables of TSG-T.
- To identify **WHAT** from R99 **CANNOT** be completed or delivered as version 3.0.0 in December 1999.
- For identified R99 delays, to propose **rescheduled targets** for completion(or achieving version 3.0.0)
- To identify the exact **status** of the TSG-T deliverables for R99

Contents

- **Progress Report**
 - **T1: Conformance Testing**
 - **T2: Services and Capabilities**
 - **T3: USIM**
- **Issues in TSG-T**
- **Documents to be discussed in SA**
- **Future Meeting Schedule**

T1 Conformance Testing (1)

- Approval of A New Work Item
 - 3G TS 34.108: Common Test Environments for User Equipment (UE) Conformance Testing (TP-99246)
 - Contents: Definition for reference conditions and test signals, default parameters, reference Radio Bearer configurations, common requirements for test equipment and generic set-up procedures for use in UE.
 - Targets
 - March 2000: Version 1.0.0
 - June 2000: Version 3.0.0 for R99

T1 Conformance Testing (2)

- New Target Dates of R99 Specification
 - 3G TS 34.121 (V.1.4.0)
 - Terminal Conformance Specification: Radio Transmission & Reception (FDD)
 - Delay due to substantial changes in core specification in RAN
 - **New Target: completion on March 2000 (3 Month Delay)**
 - 3G TS 34.122 (V 1.0.0)
 - Terminal Conformance Specification: Radio Transmission and Reception (TDD)
 - Approved to be part of R99
 - **New Target: completion on June 2000 (6 months schedule advancement)**
 - Voluntary resources needed to fulfill above target
 - V 1.0.0 available for information (**TP-99247**)

T1 Conformance Testing (3)

- TTCN Task Team Terms of Reference Approval
 - SP-99612, SP-99613 (TP-99258, TP-99259)
 - 3G TS 34.123-3
 - Mobile Station Conformance Specification (Part 3): Abstract Test Suites
 - Targets at risk due to delay in the release of funding
 - V 1.0.0 on Sept. 2000 (T#9), V 3.0.0 on March 2001 (T#11)
 - Asking SA#6 for endorsement and PCG#3 for approval
- Identification of Test Requirements for regulatory purposes in different / countries (3G TR 34.910: **Not for R99!**)
 - Targets: Version 1.0.0 on March 2000, Version 3.0.0 on March 2001

T1 Conformance Testing (4)

- Task Team for 3G UE Test Description
 - SP-99614 (TP-99267)
 - Producing test purposes & test descriptions for UE supporting Packet Data Service
 - Discussed & Supported in T#5, SA#5 (SP-99420)
 - Requests: **9 Man-Month**
 - Asking SA#6 for endorsement and PCG#3 for final approval and fund allocation

T1 Conformance Testing (5)

- Deliverables submitted to T #6
 - Approved as V 3.0.0
 - None
 - For Information
 - 3G TS 34.122 (V 1.0.0): Terminal Conformance Specification, Radio Transmission and Reception (TDD) (TP-99247)
 - 3G TS 34.123-1 (V 1.0.0): User Equipment (UE) conformance specification, Part 1: Protocol Conformance Specification (TP-99248)
 - 3G TS 34.123-2 (V 1.0.0): User Equipment (UE) conformance specification, Part 2: ICS proforma specification (TP-99249)

T2 Services & Capability (1)

- Execution Environment : MExE R99
 - MExE R99 completed: 3G TS 23.057 MExE stage 2/3 (TP-99242)
 - On-going discussion on WAP
 - Moving to R2000
- External Interfaces
 - Physical Interfaces
 - ✓ Approved: 3G TR 27.901 Report on Terminal Interfaces- Overview (TP-99238)
 - AT commands
 - ✓ 7 CRs on 3G, 2 CRs on 2G AT commands approved (TP-99237, 99236)
 - Some tidying up on AT commands for GPRS
 - Discussion in PCG regarding working with IrDA

T2 Services & Capability (2)

- Messaging

- Agreed on MMS stage 1 (3G TS 22.140) with S1
- MMS stage 2 (3G TS 23.140) was presented for information (TP-99241)
 - New Target Date for completion: March 2000 (T#7) as R99
- SMS Enhanced Messaging agreed as late addition to R99 on March 2000 (T#7)
 - On-going discussion in T2 on CRs for implementation (3G TS 23.038, 23.040)
- CR approval
 - To update messaging specifications for UMTS
 - ✓ Approved for 3G TS 23.038, 23.040, 23.041, 23.042, 27.005

T2 Services & Capability (3)

- **Multi-mode UEs**
 - Title change: 3G TR 21.910 “Multi-mode UE Issues”
 - Narrowed scope includes only UMTS & GSM as possible modes
 - Feedback from S2 will be reflected
 - V 1.3.2 was presented for information (TP-99240)
 - New target to be completed on March 2000 for R99.
- **UE capabilities**
 - Title change: 3G TR 21.904 “UE Capability Requirements”
 - Submitted for information (TP-99239)
 - New target to complete on March 2000 for R99.

T2 Services & Capability (4)

- Deliverables / CRs submitted to T #6
 - ✓ Approved
 - 3G TS 23.057 (V 2.0.0): Mobile Station Application Environment (MExE); Functional Description; Stage 2 (TP-99242)
 - 3G TR 27.901 (V 2.0.0): Report on Terminal Interfaces - An Overview (TP-99238)
 - CRs on 2G (TP-99236)
 - CRs on 3G (TP-99237)

T2 Services & Capability (5)

– Documents presented for Information

- 3G TR 21.904 (V 1.1.0): UE Capability Requirements (TP-99239)
- 3G TR 21.910 (V 1.3.2): Report on Multi-Mode UE issues (TP-99240)
- 3G TS 23.140 (V 1.0.0): Multimedia Messaging Services (TP-99241)

T3 USIM

- Deliverables submitted to T #6
 - ✓ Approved T3 Specifications
 - 3G TS 21.111 USIM and IC Card Requirements (V 3.0.0)
 - Was completed in June 1999
 - 3G TS 31.101 UICC - Terminal Interface; Physical & Logical characteristics
 - TP-99251 (Some R99 CRs expected in March 2000)
 - 3G TS 31.102 Characteristics of the USIM Application
 - TP-99254 (Some R99 CRs expected in March 2000)
 - 3G TS 31.110 Numbering System for telecommunication IC card Application
 - TP-99256 (One R99 CR expected in March 2000)
 - For Information
 - 3G TS 31.111 USIM Application Toolkit (USAT): TP-99254
 - All open issues will completed by March 2000

Issues in TSG-T (1)

- T1 (Conformance Testing)
 - Delay of Test Specification delivery due to unstable core specification & Funding availability (SP-99615)
- T2 (Services & Capabilities)
 - Discussion of full MMS
 - Discussion on Terminology (TP-99229)
 - Mandatory, Optional, Essential Conditional/Unconditional
 - LS has been sent to SA1
 - MExE and Messaging (TP-99268, TP-99272)
 - Discussion on Framework and implementation to include non-WAP dependent IP technologies

Issues in TSG-T (2)

- T3 (USIM)
 - Harmonization of IC Card Work (TP-99257)
 - Official Meeting in Austin on November 1, 1999
 - 15 members of 2G / 3G SIM, USIM and R-UIM groups
 - Recommendation: SMG9 to become the central point and manage common aspects of mobile telecom smart card
 - LS from ITU-T
 - “Prepared to support efforts in development of standards to avoid any duplication of work”

Documents to be discussed in SA

- ✓ SP-99612: TTCN Task Team terms of References
- ✓ SP-99613: TTCN Task Team Project Plan
- ✓ SP-99614: Test Case Task Team Project Plan / ToR
- ✓ SP-99615: Summary of Project Funding Requests
- ✓ SP-99616: Content of Release 1999 from TSG-T

Future Meeting Schedule

Meeting No.	Date	Location	Host
Year 1999			
TSG-T#6	13-15 Dec	Nice	ETSI
Year 2000			
TSG-T#7	13-15 Mar	Madrid	Telefonica
TSG-T#8	19-21 Jun	Dusseldorf	Mannesmann
TSG-T#9	25-27 Sep	Japan (tbc)	ARIB/TTC (tbc)
TSG-T#10	11-13 Dec	USA (tbc)	T1P1