

TSG-T Progress Report

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





Objectives of TSG-T#6

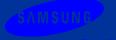
- To finalise the R99 deliverables of TSG-T.
- To identify WHAT from R99 CANNOT be completed or delivered as version 3.0.0 in December 1999.
- For identified R99 delays, to propose rescheduled targets for completion (or achieving version 3.0.0)
- To identify the exact status of the TSG-T deliverables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



Contents

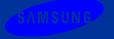
- Progress Report

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



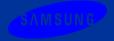
T1 Conformance Testing (1)

- 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)

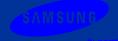
- TTCN Task Team Terms of Reference Approval
 - SP-99612, SP-99613 (TP-99258, TP-99259)
 - 3G TS 34.123-3
 - Mobile Station Conformance Specification (Part 3): Abstract Test Suites
 - Targets at risk due to delay in the release of funding

- 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





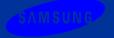
T1 Conformance Testing (4)

- 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

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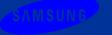
T1 Conformance Testing (5)

- Deliverables submitted in 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 34.123-2 (V 1.0.0): Mobile Station (MS) Protocol/RF/EMC conformance specification, Part 2: ICS proforma specification (TP-99248)
 - 3G TS 34.123-3 (V 1.0.0): Mobile Station (MS) Protocol conformance specification, Part 3: Abstract Test Suites (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 ¹⁰

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T2 Services & Capability (3)

• Multi-mode UEs

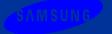
- Title change: 3G TR 21.910 "Multi-mode UE Issues"
 - Narrowed scope includes only UMTS & GSM as possible modes
- Feedback from S2 will be reflected
 - V 1.3.2 was presented for information (TP-99240)
 - New target to be completed on March 2000 as a part of R99.
- UE capabilities
 - Title change: 3G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

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T2 Services & Capability (4)

- Deliverables / CRs submitted in T #5
 - ✓ 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)

– For Information

- 3G TR 21.904 (V 1.1.0): UE Capability Requirements (TP-99239)
- 3G TS 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 / CRs submitted in T #6
 - ✓ Approved
 - CR on 3G TS 21.111 USIM and IC Card Requirements (V 3.0.0)
 TP-99255
 - 3G TS 31.101 UICC Terminal Interface; Physical & Logical characteristics
 TP-99251 (Will be completed on March 2000 as R99)
 - 3G TS 31.102 Characteristics of the USIM Application
 - TP-99254 (Will be completed on March 2000 as R99)
 - 3G TS 31.110 Numbering System for telecommunication IC card Application
 - TP-99256 (Will be completed on March 2000 as R99)
 - For Information
 - 3G TS 31.111 USIM Application Toolkit (USAT): TP-99254



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 on full MMS integration with VHE
 - Delayed completion for R99 (March 2000)
 - Discussion on Terminology (TP-99229)
 - Mandatory, Optional, Essential Conditional/Unconditional
 - LS has been sent to SA1
 - MExE and Messaging (TP-99266, TP-99268)
 - 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