

# **TSG-T Progress Report**

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# 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 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

# 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.

# 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

<b>Meeting No.</b>	<b>Date</b>	<b>Location</b>	<b>Host</b>
<b>Year 1999</b>			
TSG-T#6	13-15 Dec	Nice	ETSI
<b>Year 2000</b>			
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