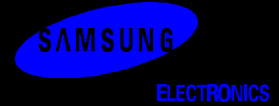**SAMSUNG**
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TSG-T
Progress Report

TSG-T Chairman:

Sang-Keun Park

(Samsung Electronics, TTA)

SP-99475 contains the Presentation
SP-99476 contains the detailed Report

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Objectives of TSG-T#5

- To decide on WHAT should be included in R99

- To identify WHAT from R99 CANNOT be delivered (v3.x.y) at TSG#6 in December 1999

- For the identified R99 delays, to PROPOSE re-scheduled target dates for v3.0.0 delivery

- To present an exact status of the TSG-T deliverables for R99 to TSG-SA / PCG

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Contents

- **Progress Report**
  - **T1: Conformance Testing**
  - **T2: Services and Capabilities**
  - **T3: USIM**

- **Requests to SA**

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- **Meeting Calendar**

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T1 Conformance Testing

- Tests regarding "Hooks and Extensions":

    – Who takes care of 3GPP2 ANSI-41 ?

    – No immediate T1 action necessary. Comment from SA?

- TSG-T suggestion : Replace "mandatory" in test specification with "core" specification.

    – "mandatory" should only be used for regulartory mandates.

- Issues to be discussed with ETSI STQ week (Oct, 18)

    – Audio testing may not be part of regulatory type approval. Unified way of Audio/Video testing may be impossible.

    – Future testing of codecs by manufacturers (declaration). Digital-Analogue Interface may then be obsolete. If codecs must be tested - how to test them ?

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T1 Conformance Testing

- Guidance needed for prioritizing the generation of conformance test cases for 3G terminals (S-458)

- Approval of MS Conformance Test Specifications shall be coupled to a certain 3GPP release of Core Specifications (S-419)

- Lack of resources & general strategy on the elaboration of test cases (S-420)

T2 Services & Capability

- Execution Environment : MExE R99
  - To include new features (TS 23.057)
  - Looking good for completion Dec 99

- External Interfaces: Synchronization
  - Approved v3.0.0:
    - TR 27.903 - Discussion of Synchronization Standards
    - TS 27.103 - Wide Area Network Synchronization
  - A cover sheet (template) for TS&TR for approval and information
    - purpose, delivery schedule, open issues with status

T2 Services & Capability

- External Interfaces: Physical interface
  - Substantially completed - for info (TR 27.901)
  - 3GPP should NOT produce any technical specification for terminal interfaces other than the radio interface and the USIM interface.
  - SDOs may develop regional specifications.

- External Interfaces: Alternatives to AT Commands - still no work

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T2 Services & Capability

- ## Messaging
  - New Chairman: Ian HARRIS (Vodafone)
  - Multimedia Messaging - major work
    - will use toolkits; serious work still to be done
    - at risk for R99 unless significant effort made
  - Cell Broadcast - discussions with other groups
    - but this is at risk for R99
  - Advanced Cell Broadcast - will not be completed

- ## End to End Service Interworking
  - work on hold - pending requirements

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T2 Services & Capability

- **Multi System Terminals (1)**
  - Name change to reflect concept of **"modes"** as modes of 3GPP system vs. other systems
  - Draft report - for information (TR 21.910)
    - many areas for further study
    - needs involvement of other groups
    - SA should be informed; there is interaction with PLMN selection
  - Proposed to hold a 3GPP Workshop

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T2 Services & Capability

- ## Multi System Terminals (2)

  - Discussion on the need for a specification

    - define different terminal scenarios

    - terminal types

    - power class relationship to type

  - No consensus

    - Need for information on expected terminal power class

    - Need for RAN to develop a report on network planning?

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T2 Services & Capability

- Terminal Capabilities & Performance

  – Terminal Capabilities Requirements (TCR)

    - Report available for information (TR 21.904)

    - Ensuring TR 21.904 is up to date (maintenance)

    - Definitions used for Terminals

    - Terminology & vocabulary in 3GPP (S-457/473)

  – Terminal Management (TM) - TSG-T:

    - Endorsed the principle that SAT & MExE mechanisms are suitable & sufficient

    - Agreed to be responsible for TM (SA view invited)

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T3 USIM

- Phonebook - resolved at T3#8, Bonn

- Application Identifiers (AIDs) - resolved
  - ETSI applied for an RID on behalf of 3GPP
  - New WI on AID approved for R99

- Application selection, PIN-handling and logical channels
  - For multi-application UICCs
  - Two different selection methods under consideration
  - Decision to be taken by T3 #10

- Some Security & Network parameters still to be clarified
  - LS to S3 and R2 agreed by T3

T3 USIM

- Approved Deliverables
  - For information (v1.0.0)
  - TS 31.101 - UICC-Terminal Interface; Physical and Logical Characteristics
  - TS 31.102 - Characteristics of the USIM Application

- Approved 5 new Work Items

Title	Release	Target v3.0.0 approval
UICC Application Identifiers	R99	December 1999
Terminal tests for the UICC Interface	based on R99 core spec	June 2000
UICC Test Specification	based on R99 core spec	June 2000
USIM Application Toolkit (USAT)	R99	March 2000
UICC/USIM Database	R00	September 2000

Requests to SA

- Guidance needed for prioritizing the generation of conformance test cases for 3G terminals (S-458)

- Approval of MS Conformance Test Specifications shall be coupled to a certain 3GPP release of Core Specifications (S-419) - decision

- Lack of resources & general strategy on the elaboration of test cases (S-420) - provision of voluntary and/or financial support

- Terminal Management (TM) - SA view invited on TSG-T's
  - endorsement of the principle that SAT & MExE mechanisms are suitable & sufficient
  - agreement to be responsible for TM

- 3GPP TSG T Position on supplement to recommendation Q.1701 from ITU T WP 3/11 (S-420/1) - for information

- Request for harmonization in Terminology (S-457/473)

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T1 Conformance Testing

B. Expected Qualification for R99 in Dec '99

Reference	Title	Status	Target v3.0.0
TS 34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)	v1.2.0	12-1999

T1 Conformance Testing

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'99

Reference	Title	Status	Target v3.0.0
TS 34.109	Terminal Logical Test Interface	v1.0.0	07-2000
TR 34.124	EMC for terminal equipment	v1.0.0	03-2000
TS 34.122	Terminal Conformance Specification, Radio Transmission and Reception (TDD)	v0.1.0	12-2000
TS 34.123-1	MS protocol conformance specification; Part 1: Protocol conformance specification	v0.0.3	
TS 34.123-2	specification; proforma specification		07-2000
	MS protocol conformance specification;	v0.0.0	

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T2 Services & Capability

A. Qualified for R99 in Dec '99

Reference	Title	Status
22.945	Study on provisioning of fax in GSM & UMTS	V 3.0.0
23.038	Alphabets and language-specific information	V 3.2.0
23.039	Interface protocols for the connection of SMSCs to Short Message Entities (SMEs)	V 3.0.0
23.040	Technical realization of SMS; Point-to-Point	V 3.2.0
23.041	Technical realisation of Cell Broadcast Service (CBS)	V 3.0.0
23.042	Compression algorithm for text messaging services	V 3.0.0
27.005	Use of DTE-DCE interface for SMS and CBS	V 3.0.0
27.007	AT command set for 3GPP User Equipment (UE)	V 3.2.0
27.010	TE-MS multiplexer protocol	V 3.2.0
27.103	Wide Area Network Synchronisation	V 3.0.0
27.903	Discussion of Synchronisation Standards	V 3.0.0
34.907	Electrical safety requirements & regulations	V 3.0.0
34.925	Specific Absorption Rate (SAR)	V3.0.0

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T2 Services & Capability

B . Expected qualification for R99 in Dec '99

Reference	Title	Status	Target v3.0.0
23.057	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2	v1.5.0	12-1999
27.901	Report on Terminal Interfaces - An Overview	V1.2.0	12-1999

T2 Services & Capability

C. Qualification at risk for R99 in Dec '99

Reference	Title	Status	Target v3.0.0
TS 21.904	Terminal Capabilities Requirements	V 1.0.1	12-99?
TS 21.910	Multi-mode Terminals	V 1.0.0	12-99?
TS 23.140	Multi-media Messaging	V 0.1.0	12-99?

D. Impossible qualification for R99 in Dec '99

Reference	Title	Status	Target v3.0.0
	Advanced CBS		
TS-AAT	Alternatives to AT commands	?????	12-1999

T3 USIM

A. Qualified for R99 in Dec '99

Reference	Title	Status
21.111	USIM and IC Card Requirements	v3.0.0

B . Expected qualification for R99 in Dec '99

Reference	Title	Status	Target v3.0.0
31.101	UICC-Terminal Interface; Physical and	V1.0.0	12-1999
31.102		V1.0.0	12-1999
New WI#1			12-1999

T3 USIM

D. Impossible qualification for R99 in Dec '99

Reference	Title	Status	Target v3.0.0
New WI#2	Terminal tests for the UICC Interface		06-2000
New WI#3	UICC Test Specification		06-2000
New WI#4	USIM Application Toolkit (USAT)		03-2000

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Meeting Calendar

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	Bangkok(tbc)	Unisys
TSG-T#10	11-13 Dec	USA (tbc)	T1