

TSG-T#14

Progress Report

TSG-T Chairman
Sang-Keun Park

(SAMSUNG Electronics, TTA)

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T1 Conformance Testing (1)

- TS 34.121 "Terminal Conformance Specification, Radio Transmission and Reception (FDD)"

Estimated Completeness R99 version 3.6.0

Section	TS34.121	Core specs
Transmitter	100%	100%
Receiver	95% - 100%	100%
Performance	95%	100%
Support of RRM	20% - 30%	80% - 90%
Annex	100%	

- RRM tests
 - SWGs RF/Sig co-operating to get generic test procedures and parameters in place
- Maintenance of R99 specifications
 - Corrections due to core specification changes
 - Discussions in RAN4 may affect definition of Power
- Total Test Time optimisation
 - Some work on BER/BLER completed, now need to define target and produce overall estimates

T1 Conformance Testing (2)

- TS 34.122 "Terminal Conformance Specification, Radio Transmission and Reception (TDD)"

Estimated Completeness R99 version 3.5.0

Section	TS34.122	Core specs
Transmitter	95%	100%
Receiver	95% - 100%	100%
Performance	95%	90%
Support of RRM	0%	80%
Annex	90% - 100%	

- LCR TDD
 - Number of contributors, very limited. No input documents received this time
- RRM Test Cases
 - No progress at this stage but will be able to draw on FDD test cases when available
- Total Test Time optimisation
 - Same issues as for FDD

T1 Conformance Testing (3)

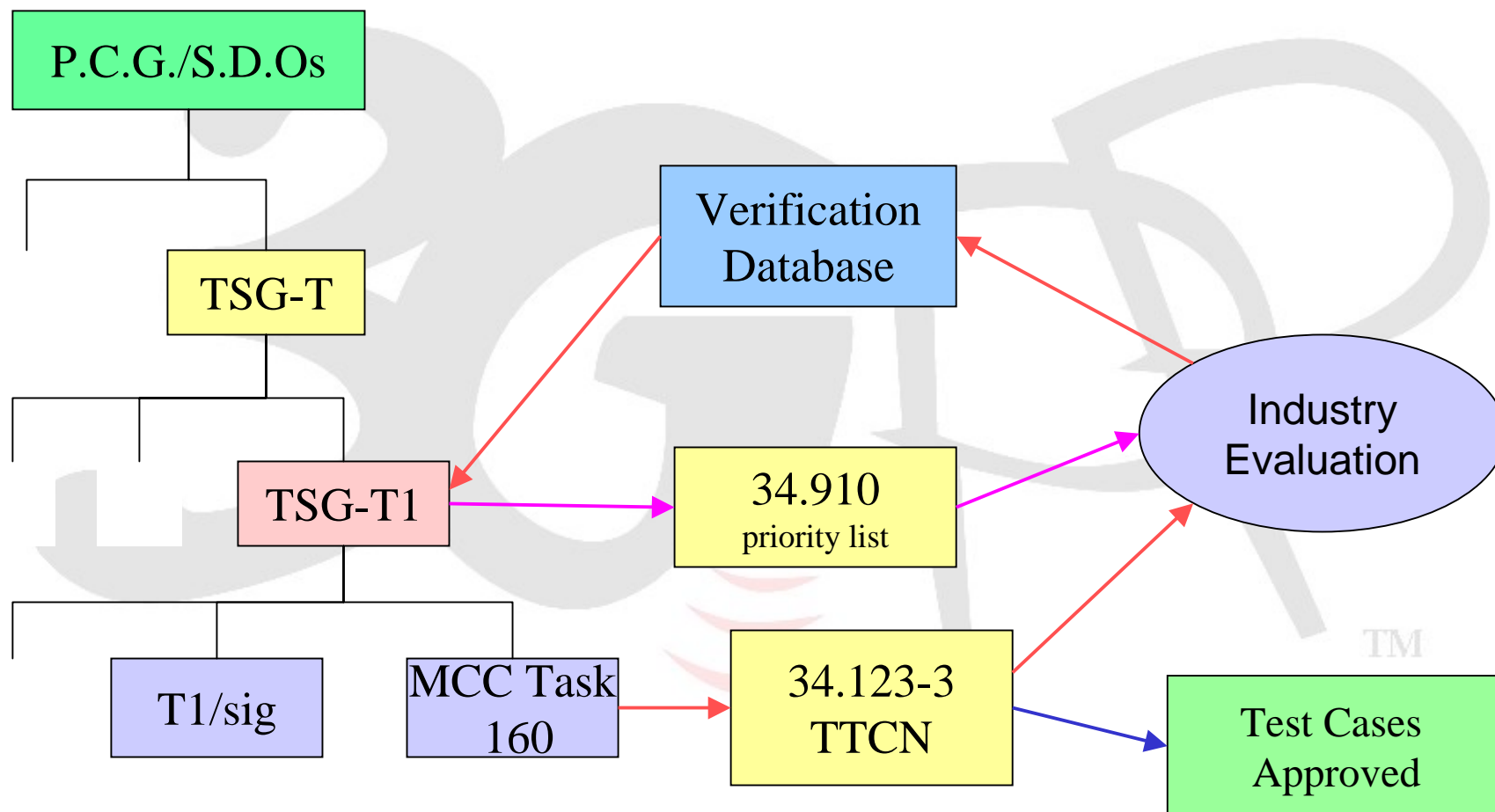
- TS 34.108 “Common test Conditions for User Equipment (UE) Conformance Testing”
 - 16 CRs approved
 - Issues
 - New RABs have been requested. T1 realizes that a formal procedure for the evaluation and introduction of RABs for general test purposes is required.
 - A further discussion will take place on T1 timescales and they will notify RAN 2 directly.
- TS 34.123-1 “UE Conformance Specification, part 1 – Conformance Statement”
 - 17 CRs approved
- TS 34.123-2 “UE Conformance Specification, part 2 – ICS Implementation Conformance Statement”
 - 10 CRs approved

T1 Conformance Testing (4)

- TS 34.123-3 “UE Conformance Specification, part 1 – Abstract test suites
 - TTCN test specifications for the prose test cases in part 1
 - 575 TTCN test cases can be downloaded from the server
 - 394 test cases are ready for external verification
 - Test cases for Inter RAT (UTRAN->GERAN) drafted
 - Verification database is now up and running, 75 problems reported and fixed
 - Voluntary Contributions for TTCN
 - no commitments received so far
 - TTCN Configuration Management Issue has been discussed
 - The problem
 - TTCN is in electronic format
 - If more than one copy is merged with the original, there could be conflicts and hence errors
 - The solution
 - A configuration management (CM) tool would manage these conflicts
 - ETSI PT 160 are currently considering what approach would optimise the process of integrating changes in electronic form
 - Revised ToR of Task 160 were endorsed by TSG-T#14

T1 Conformance Testing (5)

TTCN Verification Process



A GLOBAL INITIATIVE v4.1.0

T1 Conformance Testing (6)

- Other issues
 - T1's ToR were updated to reflect new terminology (TP-010265)
 - TS 34.910 "Identification of Test requirements for regulatory purposes in different regions/countries"
 - No further input documents were received for this issue
 - PCG confirmed that all 3GPP specifications should represent a superset of all the regional regulatory requirements
 - Industry Test Case verification priorities
 - Document will be modified in order to accept TTCN test case verification priority information
 - These priorities will be recorded and made available in this TM reference document for use by external groups carrying out verification trials
 - An ad hoc meeting will be held in Sofia Antipolis in January 2002, to address the process of handling test case priorities within T1.

T2 Services & Capabilities (1)

- **SWG1 MExE**

- 9 REL-4 CRs approved
- MExE Enhancements Rel-5 on schedule
- Little progress on 'MExE Lite'
 - Discussions ongoing to make MExE more implementable
 - Some mandatory functionality in 23.057 might be changed to optional
- Classmark 4 based on Common Language Infrastructure (CLI).
 - CRs for REL-5 is expected for approval at T#15
- Little progress on MExE security analysis
 - Revised WID approved

- **SWG2 UE Interfaces and Capabilities**

- 18 CRs approved
- T2 GUP AdHoc will start work on GUP stage 2 and 3

T2 Services & Capabilities (2)

- SWG3 Messaging

- 14 CRs approved (6 Rel-4 and 8 Rel-5)
- Work progressing well on EMS vector graphics and polyphony
- Completion of MMS REL- 5 at risk for March 2002
- MM7 (interface with Value Added Service applications)
 - Basis of a stage 2 has been produced
 - Decision on underlying protocol now crucial for Stage 3
- Address Resolution
 - Will use ENUM in the long term.
 - In the interim, proposals for direct and indirect MNP are being reviewed
- Digital Rights Management is not a part of REL-5

T2 Services & Capabilities (3)

- SWG3 (Cont'd)

- Decision on REL-5 MM1 issues were noted by TSG-T
 - There will now be a single implementation for MM1 in REL-5 based on WAP
 - most of the T2 delegates wanted to resolve this deadlock by holding a vote at T2#15.
 - Motion: “Shall T2 deliver an alternative MM1 implementation in addition to the specification that will be delivered by the WAP forum for REL-5. ?”
 - Result: 42.9 % of eligible voting companies were in favour of the motion. As this was less than 71%, the proposal was not agreed.

T3 USIM (1)

- Specifications presented for information
 - TS 31.114 USAT Interpreter; Protocol and administration (REL-5)
 - fourth and final specification for the USAT interpreter feature
 - defines transmission protocol between USAT Interpreter and USAT Interpreter Gateway System and structures to administer the Interpreter
 - TS 31.131 C-language binding for a (U)SIM API (REL-5)
 - replaced work items on MULTOS API and MS API (draft)
 - Updated SIM Toolkit test specification R99
 - practically a new specification compared with the existing TS 11. 10-4 R96 which is based on R96 of SIM Toolkit (TS 11.14)

T3 USIM (2)

- Work Items related to T3

- New WID for ISIM on a UICC for IMS (TP-010251)
 - Approved subject to TSG-SA not precluding such functionality
- USAT Interpreter test specification (Rel-5)
 - WID approved by TSG-T #12 with planned date March 2002 but likely to be postponed to late 2002
 - late start in work item, more complex than initially thought
- TSG-T agreed to delete the following work items
 - Enhancements to secure messaging
 - almost no progress since WI creation
 - UICC-USIM transport Protocol
 - some work had started, but concluded that EP SCP should work on the issue before USIM specific aspects are considered.

T3 USIM (3)

- Java API related
 - 12 CRs to TS 03.19/TS 11.13/TS 43.019
 - (U)SIM API–Java/Java API test were approved
- (U)SIM secure messaging
 - 10 CRs to TS 03.48 / TS 23.048 were approved
- (U)SIM Application Toolkit
 - 4 CRs approved to TS 11.14 / TS 31.111
 - Reservation of byte in terminal profile for TIA/EIA/IS-820 (3GPP2). Alignment with CAT specification of EP SCP which is used by 3GPP2
- SIM-ME Interface
 - 7 CRs to TS 11.11 / TS 51.011 (Rel-4 only) were approved
 - TS 51.011 now restructured to be based on ETSI TS 102 221
 - Some text deleted and replaced by a reference to TS 102 221 (like TS 31.102 USIM)
 - Name may be changed to “Characteristics of the SIM application”

T3 USIM (4)

- **Characteristics of the USIM Application**
 - 4 CRs on USIM characteristics (TS 31.102) were approved
- **TS 31.110 Numbering system for telecommunication IC card applications**
 - 1 CR to replace content with a reference to ETSI TS 101 220 was approved
- **TS 31.112 USAT Interpreter Architecture Description**
 - 1 CR to correct usage of TAR values was approved
- **TS 31.113 USAT interpreter byte codes**
 - 4 CRs were approved
- **TS 31.122 USIM conformance test specification**
 - 2 corrective CRs to align with core specification changes were approved

EP SCP activities for info

- SCP #8 Kyoto, Japan, 07-09 November 2001 hosted by DNP, Toshiba, Fujitsu and Hitachi
- SCP #8 approved the ToRs of the three working groups
WGs will from now on handle technical issues
 - WG1 Architecture
 - WG2 Security
 - WG3 Toolkit and API
- Major topics
 - Split of API and secure messaging specifications
 - Generic Send Short message command for use by other committees
 - New WI on sensitive data creation and initialisation mechanisms
 - On-going discussion about TCP-IP on smart cards
- SCP #9 Jeju, Korea, 11-13 March 2002, hosted by Samsung

Issues in TSG-T#14

- **ISIM (IMS SIM)**

- Discussions

- Identity of ISIM: Stand-alone? Sub application of USIM?
 - Behaviour of IMS terminal with R99 or Rel-4 USIM?
 - Concerns on timely completion within the REL-5 schedule

- TSG-T request SA/SA1 to establish requirements for ISIM

- TSG-T support to have joint meeting or workshop among interested WGs as proposed by SA2 if an independent ISIM is agreed to be necessary for Rel-5

- **Testing of Applications Platforms**

- T1 & T2 had an ad hoc meeting to explore ways of providing conformance tests for applications platforms
 - Draft Work Item Description was produced

- **Discussion on guidelines for Ad Hoc meetings**