

TSG-T Management Report for PCG#13

Seoul, Korea

6-7 October 2004

TSG-T Chairman

Sang-Keun Park

(SAMSUNG Electronics, TTA)

Structure of TSG-T

Chairman: Sang-Keun Park (SAMSUNG/TTA)
Vice Chairmen: Ed Ehrlich (Nokia/T1), Kevin Holley (mm02/ETSI)
Secretary : Friedhelm Rodermund (MCC)

T1: Conformance Testing

Chairman:

Phil Brown (NTT DoCoMo/ETSI)

Vice Chairmen:

Dan Fox (Anritsu/ETSI)

Hisashi Nakagomi

(NTT DoCoMo/ARIB)

Secretary:

Alain Sultan (MCC)

T2: Services & Capabilities

Chairman:

Ian Harris (RIM/ETSI)

Vice Chairmen:

Paul Voskar (Nokia/ETSI)

Nicola Vote (NTT DoCoMo/ARIB)

Secretary :

Friedhelm Rodermund (MCC)

No SWGs after T#25

T3: Smart Card Appl. Aspects

Chairman:

Nigel Barnes (Motorola/ETSI)

Vice Chairmen:

Paul Jolivet (DoCoMo Europe /ETSI)

Jean Francois Rubon (Gemplus / ETSI)

Secretary :

Friedhelm Rodermund (MCC)

T1 Conformance Testing (1/6)

- Status of RF Test Specifications
 - RRM Progress
 - The proportion of complete RRM tests is approximately 88 %
 - Good progress on outstanding RRM TCs (6 more RRM tests)
 - Target remains 100% completion after T1#25 in Nov 04
 - TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD) (V5.4.0 → V5.5.0)
 - Status of completion
 - TS 34.121
 - Sect 5 (Tx) 100%
 - Sect 6 (Rx) 100%
 - Sect 7 (Performance) 98%
 - Sect 8 (RRM) 88%*
 - TS 34.122 (No change)
 - Sect 5 90%
 - Sect 6 90%
 - Sect 7 85%
 - Sect 8 (RRM) nil

*Estimated completion date of all GCF high priority tests : 05 Nov 04

T1 Conformance Testing (2/6)

- Status of Signaling Test Specifications (1)
 - TS 34.108 Common Test Conditions for User Equipment (UE) Conformance Testing (V5.1.0 → V5.2.0)
 - Unification of all releases within the REL-5 specification now completed
 - RAB configurations to support HSDPA
 - TS 34.123-1 UE Conformance Specification, part 1- Conformance Statement (V5.8.0 → V5.9.0)
 - Corrections coming from the verification of the TTCN
 - New test cases introduced (MAC, TFC selection, PDCP, Tests for RoHC, RRC Inter RAT, RRC Physical Channel Reconfiguration failure case, RAB, new combination for Wideband AMR)

T1 Conformance Testing (3/6)

Status of Signaling Test Specifications (2)

- TS 34.123-2 UE Conformance Specification, part 2 – ICS Implementation Statement (V5.8.0 → V5.9.0)
 - Updated to reflect changes in TS 34.123 – 1
- TS 34.123-3 UE Conformance Specification, part 3 – Abstract Test Suites (TTCN) (V3.6.0 → V3.7.0)
 - LATEST STATUS (@ 9 Sept 04)

	@T#24	@T#25
GCF Batch 1	90	93 (94%)
GCF Batch 2	73	81 (86%)
GCF Batch 3	42	76 (80%)
GCF Batch 4	nil	22*(23%)

- *Batch 4 tests are fully approved as Batch 3 is now 80% verified
- In total, 65 new test cases have been verified since T#24
- At least another 55 Batch 4 tests need to be verified by early Nov 04

T1 Conformance Testing (4/6)

- Other Issues in T1 (1)
 - New Work Items approved
 - Terminal Conformance Specification of Radio Transmission and Reception for introduction in the UMTS-850 MHz Band
 - Difference and Corresponding Effect Analysis between FDD and 1.28Mcps TDD in Radio Access Stratum Protocol Aspects
 - General changes to TS 34.121 & TS 34.122 corresponding to changes in REL-6
 - HSDPA Progress
 - Protocol tests now 55% complete, RF tests now 87% complete
 - 10 new HSDPA RRC test cases introduced
 - HSDPA tests already being considered by GCF prioritization based on T1 output
 - Another 22 test cases identified to cover the state transition

T1 Conformance Testing (5/6)

- Other Issues in T1 (2)

- A-GPS Progress

- 10 new A-GPS tests introduced to TS 34.123 – 1
- Tests for UE-based and UE-assisted to cover GPS assisted emergency calls, position estimation, and some failure cases

- The Way Ahead

- Support to GCF for TTCN verified test cases - Deliver minimum 95% of P1, 90% of P2, 85% of P3 and 80% of P4 by early Dec 04
- Support to GCF for FDD RRM test cases
 - ✓ Deliver 100% of all tests by early Dec 04
- LCR TDD TTCN: 120 test cases to be developed by early Dec 04 by TDIA

T1 Conformance Testing (6/6)

Report of TTCN Project Team (160) (TP-040147)

- FDD R99 Results
 - Reached the P3 milestone 80% and P4 verification started
 - P1 and P2 verifications are on going: P1-94%, P2-86%
- LCR TDD TTCN
 - 68 k€ 3GPP funding contracted to CCSA/TDIA for LCR TDD TTCN in 2004
 - Two CCSA/TDIA teams alternated working at ETSI for TDD
 - 101 TDD TCs derived from FDD and now available
 - TDIA estimates it will need 33 man months to continue its work at ETSI in 2005

TTCN Budget Approval for 2005 is sought at PCG#13

- Additional document OP#12_09 for more information

Tasks	Requirement (mm)	% of budget	Industry references
R99 maintenance & enhancement	21	30	GCF WI-010, draft GCF WI-012
LCR TDD	16	22	TDIA WG terminal conformance test
Rel-4 & Rel-5 core functionality test	11	14	Draft GCF WI-013
HSDPA test	16	22	Draft GCF WI-014
RCM	9	12	T1-041453
Total	73	100	

T2 Services & Capabilities

- MMS

- Delay in freezing 23.140 REL-6 agreed to complete the following outstanding items
 - High probability of completion at T#26
 - Replace/Cancel MM (MM1, MM7), Delete Deferred MM (MM1)
 - TS 29.140 Stage 3 MM10 Protocol (R/S-MSCF) : Presented to TSG-T for information (new specification)
 - Completion at risk because of little input
 - IMS Deferred Messaging (SIP addressing)
 - Multiple Relay/Servers
 - 'Support for security and privacy enhancements: e.g. End to End Security, terminal security, prevention of Spam' will NOT be completed for REL-6
- TSG-T agreed that the open items can be included as part of REL-6 and the three MMS WIDs will be closed at the next TSG-T meeting

T3 Smart Card Application Aspects

- Updated WID approved
 - Test specification for (U)SIM API for Java Card™
 - Test Specification for 23.048 REL-5
- TS 31.048 V1.0.1 (REL-5) : Test Specification for TS 23.048 (Security Mechanisms for the (U)SIM application toolkit; stage 2) presented for information
- T3 decided not to maintain R98 and earlier release specifications
- It was clarified that GSM-only R99/REL-4 UEs are permitted the ability to support a USIM unless it is specified not to
- MMS storage on the card is possible
 - Subject to the work on "large files" of SCP, which has been approved in SCP
- Further discussion is needed as to whether there can be more than one TERMINAL PROFILE per card session
- Re-definition of HPLMN file was postponed
 - It's for introducing Equivalent HPLMN (EHPLMN)

TSG-T#25 REL-6 Status Summary

- Apart from Testing which naturally follows the core specs with some delay, most of the REL-6 work has been completed at this TSG-T#25 meeting.
- The outstanding items are expected to be completed at TSG-T#26 except the following items which are at risk:
 - MMS: IMS Deferred Messaging – no input for some time
 - MMS: Multiple Relay/Servers – no input for some time

Other Issues in T

- Other Discussions
 - LS to TSG-RAN for the Revision 5 of Recommendation ITU-R M.1457
 - Several T3 specifications are added to the list
 - LS concerning harmonization of MMS provisioning files between 3GPP & 3GPP2
 - T2 & T3 are requested to complete the necessary work to provide the service requested by 3GPP2-TSG-C
 - LS to 3GPP2-TSG-C concerning harmonization ISIM between 3GPP & 3GPP2
 - Informs 3GPP2 about the approval of a CR on this at TSG-T#25
- Issues requiring discussion/decision at PCG#13
 - 2005 TTCN Budget Approval in slide 8
 - Additional document OP#12_09 for more information