

TSG-T#27

Progress Report

Tokyo, Japan

9-11 March 2005

TSG-T Chairman

Sang-Keun Park

(SAMSUNG Electronics, TTA)

A GLOBAL INITIATIVE

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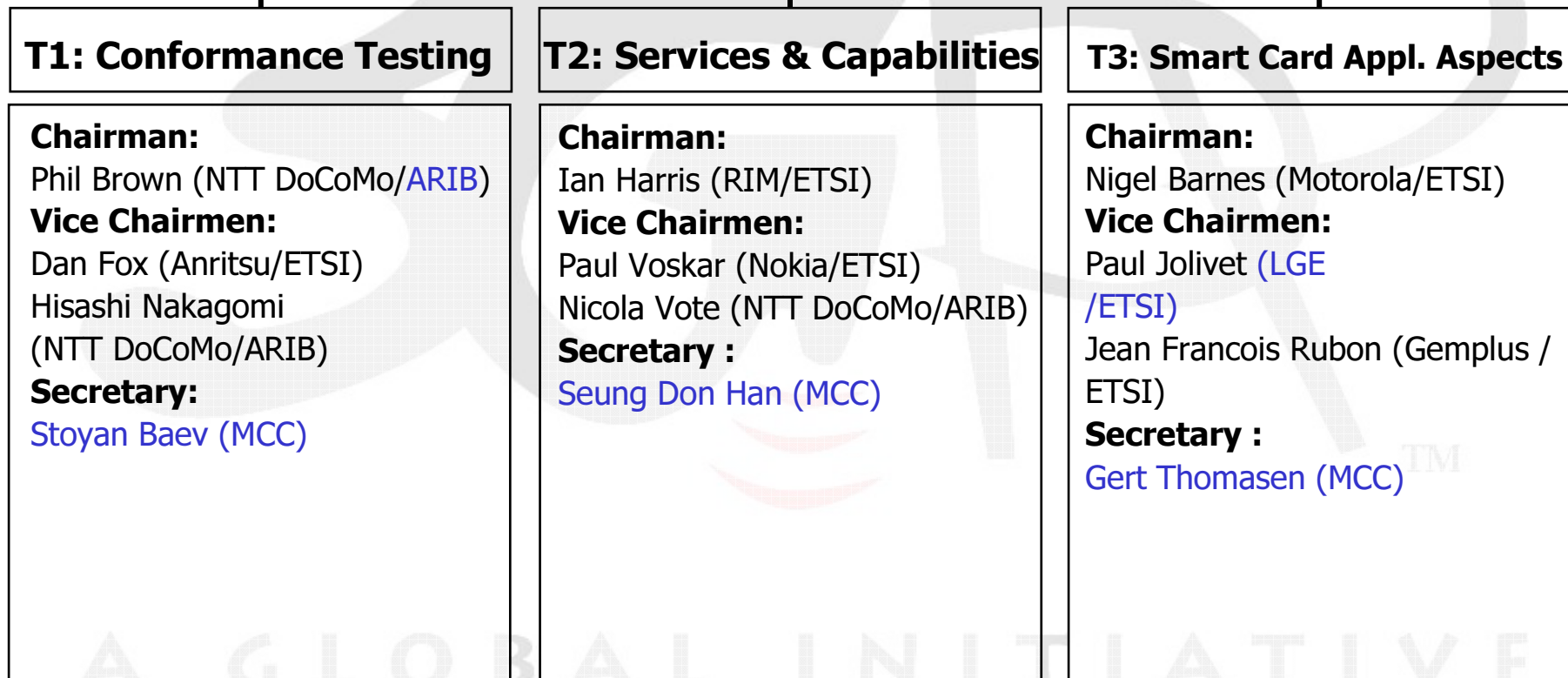


- **Structure of T**
- **Progress Reports**
 - **T1: Conformance Testing**
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- **Other Issues in T**

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Structure of TSG-T

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



T1 Conformance Testing (1/6)

- **Status of RF Test Specifications**

- **RRM Progress**

- The overall proportion of complete RRM tests is 94 %
- 1 more RRM test

- **TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD) (V5.6.0 → V6.0.0)**

- **Status of completion**

- **TS 34.121**

- **Sect 5 (Tx) 100%**
- **Sect 6 (Rx) 100%**
- **Sect 7 (Performance) 100%**
- **Sect 8 (RRM) 94%**

- **TS 34.122 (No change)**

- **Sect 5 90%**
- **Sect 6 90%**
- **Sect 7 85%**
- **Sect 8 (RRM) nil**

- **UMTS 850 MHz (Band V) Progress**

- 1 CR into TS 34.108, 2 CRs into TS34.121
- This work item is now 100% complete

T1 Conformance Testing (2/6)

- **Status of Signaling Test Specifications (1)**
 - **TS 34.108 Common Test Conditions for User Equipment (UE) Conformance Testing (V5.3.0 → V5.4.0)**
 - CRs include HSDPA, A-GPS, TDD, Band V, RF generic call set up
 - Discussion over choice of SF128 or SF256 for low bit-rate AMR RABs : T1 has chosen SF256 for the 5.9 kbps AMR RAB
 - **TS 34.123-1 UE Conformance Specification, part 1- Conformance Statement (V5.10.0 → V5.11.0)**
 - 95 CRs (only 11 affect the TTCN for high priority (WI-10) test cases, some others with TTCN impact in WI-12, HSDPA, A-GPS)
 - T1 restated the general principle not to specify values in the prose where the values are not relevant to the test purpose, or to keep the test case in line with real network implementations
 - Actions created to remove them all at R5#27

T1 Conformance Testing (3/6)

- **Status of Signaling Test Specifications (2)**
 - **TS 34.123-2 UE Conformance Specification, part 2 – ICS Implementation Statement (V5.10.0 → V5.11.0)**
 - Updated to reflect changes in TS 34.123 – 1
 - **TS 34.123-3 UE Conformance Specification, part 3 – Abstract Test Suites (TTCN) (V3.8.0 → V5.0.0)**
 - **LATEST STATUS (@ 2 March 05)**

	@T#26	@T#27
WI-010 Batch 1	94	96 (97%)
WI-010 Batch 2	84	87 (93%)
WI-010 Batch 3	82	83 (89%)
WI-010 Batch 4	72	85 (89%)
WI-012	nil	11 (28%)

- **12 more tests needed to reach 95% overall completion of WI-010 i.e in batches 1 to 4 (currently 92% verified)**

T1 Conformance Testing (4/6)

- **Other Issues in T1 (1)**

- **New Work Item approved (TP-050043)**
 - **Network sharing UE tests**
- **HSDPA Progress**
 - **HSDPA protocol tests now 100% completed**
 - 7 new test cases introduced (totally 55)
 - **HSDPA RF FDD tests now 60% completed**
 - 7 out of 13 planned test cases ready
 - **HSDPA RF TDD : No contribution**
- **A-GPS Progress**
 - **Definition of all 21 test cases now complete in TS 34.123-1**
 - **TTCN test implementation due to start in Feb 05**
 - **RF (TS 34.171)**
 - Work on all 6 tests estimated 70% complete
 - Issue of excessive test times raised (LS sent to RAN4)
 - Plan to complete by RAN5 #27

T1 Conformance Testing (5/6)

- **Other Issues in T1 (2)**

- **LCR TDD TTCN**

- 197 test cases have been coded in 2004
- another 200 TCs will be completed in 2005
- Milestone set to complete the TDIA prioritised TC by 25 Nov 05
- CCSA/TDIA experts will restart in March along side TF 160
- Baseline in use is REL-4, March 03 (unchanged)

- **The Way Ahead**

- **Support to GCF for TTCN verified test cases**
 - Deliver minimum 95% of WI-010 new baseline, 95% of WI-012 new baseline, 100% of WI-013, 50% of WI-014 and 30% of WI-015 by early Jun 05
- **Support to GCF for FDD test cases**
 - Complete specs for WI-010, WI-012 & WI-013 by early Jun 05
 - Complete minimum 70% of specs for WI-014 by early Jun 05
- **Support to TDIA (LCR TDD TTCN)**
 - 280 test cases to be developed by early Jun 05

T1 Conformance Testing (6/6)

- **Report of TTCN Project Team (160) (TP-050042)**
 - **Progress since T#26**
 - **Current WI-010 approval status: 92%**
 - **WI-012 verification started (current approval status: 35%)**
 - **Experts (for FDD) contracted for 2005**
 - **Spending in 2004**
 - **60.7 k€ more contracted to keep the experts availability**
 - **FFG (Funding & Finance Group) accepted the excuse for 60.7 k€ deficit**
 - **2005 milestones (FDD + LCR TDD)**
 - **Move baseline to Dec. 04 REL-5 (24 March)**
 - **WI-10 + WI-12: 95% approval (03 June)**
 - **WI-10 + WI-12: 100% approval (10 Sept)**
 - **WI-13 + WI-14: 80% approval (10 Sept)**
 - **WI-15: 80% approval (10 Sept)**
 - **Completion of TDIA LCR TDD TTCN conversion (25 Nov)**
 - **Move baseline**
 - **New baseline for FDD is set to Dec 04**
 - **The baseline change is not visible for UE in R99**
 - **Full REL-5 implementation is required for HSDPA ATS**

T2 Services & Capabilities (1/2)



- **EMS, CBS, SMS**
 - No contributions and no documents
- **AT Commands and General Terminal matters on several topics**
 - 3 CRs approved (TS 27.007, 1 REL-5, 2 REL-6)
- **MMS**
 - 2 CRs (TS 23.140 REL-6) approved
 - Definition of notification procedures for MM's addressed to the USIM
 - Correcting extended Cancel and Replace
- **LS - Use of SMS and CBS for Emergencies (TP-050051)**

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T2 Services & Capabilities (2/2)



- **Distribution of TSG-T WG2 work (TP-050062)**
 - LS from TSG-T to CT and SA
 - TSG-T has formally decided to close T2 as of TSG-T#27
 - A new CT WG should not be created to cover the work of T2
 - TSGs CT and SA to endorse the proposed distribution of the work and to review the list of rapporteurs for the TRs and TSs
- **Recommendations on the Future of MMS work (TP-050061)**
 - LS from TSG-T to OMA and 3GPP2
 - Future MMS bearer agnostic work should not be continued within 3GPP, and the most appropriate group to carry out future work on MMS (bearer agnostic) is OMA
 - 3GPP continues to maintain MMS specifications
 - OMA is requested to generate CRs for 3GPP MMS (bearer agnostic) specifications and liaise to TSG-CT for formal approval

T3 Smart Card Application Aspects (1/3)

- **Status of Specifications**
 - **General enhancements and updates on**
 - **TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification (12 CRs)**
 - **TS 31.102 Characteristics of the USIM application (11 CRs)**
 - **TS 31.103 Characteristics of the ISIM application (4 CRs)**
 - **TS 31.111 USIM Application Toolkit (USAT) (12 CRs)**
 - **TS 31.116 Remote APDU Structure for (U)SIM Toolkit applications (2 CRs)**
 - **TS 31.121 UICC-terminal interface; USIM application test specification (12 CRs)**
 - **TS 31.130 USIM API for Java Card (3 CRs)**
 - **TR 31.900 SIM/USIM interworking (1 CR)**
 - **TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface (1 CR)**
 - **TS 51.013 SIM API for Java Card test specification (3 CRs)**
 - **TS 11.17 Subscriber Identity Module (SIM) conformance test specification (1CR) : Creates TS 51.017 V4.0.0**

T3 Smart Card Application Aspects (2/3)

- **Other issues and information in T3 (1)**
 - **New specifications**
 - **TS 31.124 Mobile Equipment (ME) conformance test specification; USIM Application Toolkit (USAT) conformance test specification (TP-050016) approved to V6.0.0**
 - **Testing Working Group**
 - **Java Card™ API Testing Ad Hoc become a fully established Sub Working Group (Chairman : Christopher Begassat from Axalto)**
 - **It is estimated the work will be completed for June 2005**
 - **MMS related discussions**
 - **It was identified that there may be a cross Release interworking problem regarding MMS notification retrieval with application identity**

T3 Smart Card Application Aspects (3/3)

- **Other issues and information in T3 (2)**
 - **Card Interface Speed**
 - A handset manufacturer reported a problem with certain SIMs that do not work at 3.84 MHz, despite the fact that this value is fully within the range of frequencies permitted by the specification (TS 11.11, 3.25MHz to 4MHz)
 - A proposal was made to relax the handset testing conditions in order to accommodate certain MEs with a frequency supply of 3.2 MHz
 - Several card manufacturers opposed this as this would slightly reduce the interface speed, and because these cards are clearly outside of the standard
 - Operators are asked to be aware that such cards are non compliant
 - **MBMS**
 - A lot of work and CRs to align the MBMS behaviour in the T3 specs and the SA3 specs
 - Need for further CRs to the T3 specifications as a result of many decisions made at the most recent SA3 meeting
 - **New Secretary, Gabriele Lenhart, will join the MCC in May**

TSG-T missions will be continued in new CT and new RAN

- **Thanks to all delegates and leaderships in the past 6 years of TSG-T**
- **Best wishes for all in the new era of Collaboration, Competition and Long Term Evolution**