SP-040452

TSG-T#24 Progress Report

Seoul, Korea

2-4 June 2004

TSG-T Chairman
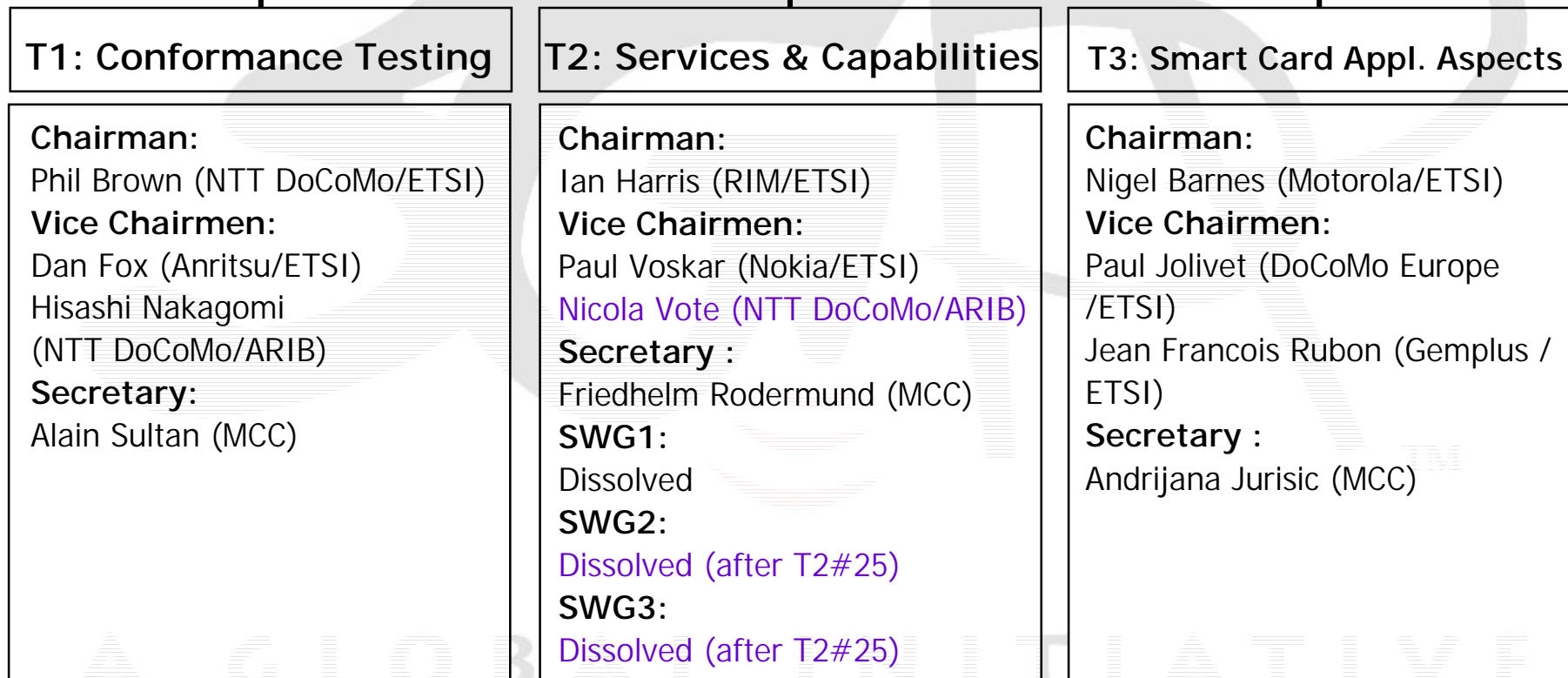
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Structure of TSG-T

Chairman: Sang-Keun Park (SAMSUNG/TTA)
Vice Chairmen: Ed Ehrlich (Nokia/T1), Kevin Holley (mmO2/ETSI)
Secretary : Friedhelm Rodermund (MCC)

T1: Conformance Testing	T2: Services & Capabilities	T3: Smart Card Appl. Aspects
Chairman: Phil Brown (NTT DoCoMo/ETSI) **Vice Chairmen:** Dan Fox (Anritsu/ETSI) Hisashi Nakagomi (NTT DoCoMo/ARIB) **Secretary:** Alain Sultan (MCC)	**Chairman:** Ian Harris (RIM/ETSI) **Vice Chairmen:** Paul Voskar (Nokia/ETSI) Nicola Vote (NTT DoCoMo/ARIB) **Secretary :** Friedhelm Rodermund (MCC) **SWG1:** Dissolved **SWG2:** Dissolved (after T2#25) **SWG3:** Dissolved (after T2#25)	**Chairman:** Nigel Barnes (Motorola/ETSI) **Vice Chairmen:** Paul Jolivet (DoCoMo Europe /ETSI) Jean Francois Rubon (Gemplus / ETSI) **Secretary :** Andrijana Jurisic (MCC)

T1 Conformance Testing (1/5)

- ## Status of RF Test Specifications
  - RRM Progress
    - The proportion of complete RRM tests is approximately 70 %
    - Good progress on outstanding RRM TCs (11 more RRM tests)
  - Routine maintenance (Follow up Database updated)
  - TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD) (V5.3.0 → V5.4.0)
  - Status of completion

    - TS 34.121
      - Sect 5 (Tx) 100%
      - Sect 6 (Rx) 100%
      - Sect 7 (Performance) 98%
      - Sect 8 (RRM) 67%*

    - TS 34.122 (No change)
      - Sect 5 90%
      - Sect 6 90%
      - Sect 7 85%
      - Sect 8 (RRM) nil

    *Estimated to be 91% by Jul 04

    *Estimated completion date of all GCF high priority tests : 5 Nov 04

T1 Conformance Testing (2/5)

- **Status of Signaling Test Specifications (1)**
  - TS 34.108 Common Test Conditions for User Equipment (UE) Conformance Testing (V3.15.0, V4.10.0, V5.0.0 → V5.1.0)
    - Single REL-5 version introduced
    - RAB configurations to support HSDPA
  - TS 34.123-1 UE Conformance Specification, part 1-Conformance Statement (V5.7.0 → V5.8.0)
    - Corrections coming from the verification of the TTCN
    - Discussion over the handling of critical versus non-critical CRs
      - There would be no concept of critical and non-critical CRs
      - T1 PRD 12 has been amended to include guidance to determine the criteria against which a CR may be judged as essential
    - T1 has produced iWD that identifies those tests that it cannot verify due to circumstances beyond its control
      - The GCF SG and UAG have agreed to use the iWD
      - Significant in the calculation of batch completion
    - First A-GPS test cases (prose) were approved

T1 Conformance Testing (3/5)

- ## Status of Signaling Test Specifications (2)

  - TS 34.123-2 UE Conformance Specification, part 2 – ICS Implementation Statement (V5.7.0 → V5.8.0)

    - Updated to reflect changes in TS 34.123 – 1

  - TS 34.123-3 UE Conformance Specification, part 3 – Abstract Test Suites (TTCN) (V3.5.0 → V3.6.0)

    - First inter RAT Idle Mode test case being verified
    - LATEST STATUS (@ 2nd June)

GCF Batch 1	90
GCF Batch 2	73
GCF Batch 3	42

  - Support to GCF for FDD RRM test cases
    - Deliver 90% of all tests by mid Sep 04
  - LCR TDD TTCN
    - 40 test cases to be developed by mid Sep 04 by TDIA

T1 Conformance Testing (4/5)

- **Report of TTCN Project Team (160) (TP-040122)**
  - PCG revised and approved Terms of Reference 2004/2005 for Task 160 (TP-040126)
  - OP decision
    - Unspent resource from 2003 (68kEUR) carried forward to 2004 for the specific purpose of developing LCR TDD mode TTCN
  - Funding 2004
    - 900 k€ funding (754 k€ : 3GPP, 68 k€ : 3GPP carry-over (for TDD only), 78 k€ : GCF (for FDD only))
    - 832 (754 + 78) k€ have been contracted for FDD (higher priority)
    - 19 mm of man-power as voluntary contributions intended by CCSA/TDIA
  - FDD Results
    - RCM created a TTCN tracking and approval database
    - Regression test confirmed the TCs stable
  - Weekly TTCN conference calls
    - A small forum of four SS manufacturers and task 160
    - Regression test planning and resolving the TTCN CR conflicts

T1 Conformance Testing (5/5)

- ## Other Issues in T1

  - Release and Configuration Manager (RCM) for MCC 160
    - Principle areas of activity : Working with the verification teams & MCC 160 and publishing status reports to T1's community
    - T1's proposal to use 6 MM of resources to co-fund the RCM in 2005 (as per 2004) was endorsed by TSG-T
  - HSDPA Progress
    - Common signalling for HSDPA RF test cases added to 34.108
    - Updated work plan for HSDPA (T1-040545)
    - Current T1 estimates for the HSDPA work item
      - 90% completed for FDD RF test, 50% completed for FDD protocol test
  - LCR TDD TTCN
    - TDIA is now supplying 4 experts on a voluntary basis to work alongside TF 160 to develop LCR TDD TTCN
    - Expectation is that 90~100 tests will be coded by Dec 04
    - T1's request to contract 68K Euros to CCSA/TDIA companies for the LCR TDD TTCN was endorsed by TSG-T
  - The Way Ahead
    - Support to GCF for TTCN verified test cases - Deliver minimum 95% of P1, 85% of P2, 80% of P3 and 20% of P4 by mid Sep 04

T2 Services & Capabilities (1/2)

- **T2 Structure**
  - SWG2 and SWG3 were dissolved at the end of T2#25 and T2 will operate as one Plenary
  - Nicola Vote (NTT DoCoMo) was elected for the second position of T2 vice chair

- **SWG2: UE Interfaces and Capabilities**
  - Transfer of T2 GUP work (TS 23.241, TS 24.241)
    - T2 SWG2/CN4 joint meeting on GUP
    - CN4, SA2 and T2 have agreed that the specs should go to CN4
    - This spec transfer was endorsed by TSG-T
  - 2 CRs (TS 23.241, TS 27.007) approved

- **SWG3: Messaging – SMS**
  - 2 REL-6 CRs (TS 23.040) approved, Enhanced Voice Mail Information introduced

T2 Services & Capabilities (2/2)

- ## SWG3: Messaging – MMS

  - Transfer of MMS to OMA
    - IPR/copyright issues are unresolved
    - T2 was requested by TSG-T to focus on the completion of REL-6 and not to spend too much time on MMS transfer discussions
    - REL-7 work item proposals will be treated in the normal way
  - 6 CRs approved (TS 23.140, 5 REL-6 & 1 REL-5)
  - Ongoing matters:
    - Operator Specific Services
    - IMS Deferred Messaging
    - Multiple Relay/Servers
    - Application ID
    - MM1, MM4, MM7 enhancements
  - SA4 is requested to keep T2 in the loop regarding MMS codecs

T3 Smart Card Application Aspects (1/2)

- **Status of Specifications**
  - General enhancements and updates on
    - TS 11.10-4 R99 Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification (6 CRs)
    - TS 21.111 USIM and IC card requirements (1 CR)
    - TS 31.102 Characteristics of the USIM application (11 CRs)
    - TS 31.103 Characteristics of the ISIM application (1 CR)
    - TS 31.111 USIM Application Toolkit (USAT) (3 CRs)
    - TS 31.121 UICC-terminal interface; USIM application test specification (4 CRs)
    - TS 51.011 SIM-ME interface (1 CR)
  - Updated WID approved (TP-040133)
    - Test Specification for 23.048 REL-5
    - TS 31.048 "Security Mechanisms for USAT - Test specification" will be presented to TSG-T#25 for information and to TSG-T#26 for approval

T3 Smart Card Application Aspects (2/2)

- ## Other issues and information in T3
  - Discussion for adding network measurement information for UTRAN in PROVIDE LOCAL INFORMATION functionality
    - Use cases and measurement parameters useful for deriving the location will be discussed in T3 adhoc meeting
  - The request to Display Multimedia Messages from the USIM
    - Postponed until T3 receives a clarification from SA1 on the service requirement
  - Creation of 31.121 REL-5 is postponed to T3 adhoc meeting
    - Expects the guidance from the plenary on whether EF_KC has to be stored on the USIM when accessing a GERAN
  - T3's request to establish an official liaison between 3GPP and the WLAN Smart Card Consortium was approved by PCG
  - Clarification is expected from CN1 on
    - Access Technology Indicator byte specific to the WLAN, HPLMN selector specific to I-WLAN access and forbidden PLMN list specific to I-WLAN access
  - A discussion paper on voltage class update for mini-UICC is expected in next T3 meeting