TSG-T#18
Progress Report

New Orleans, U.S.A.

December 4-6, 2002
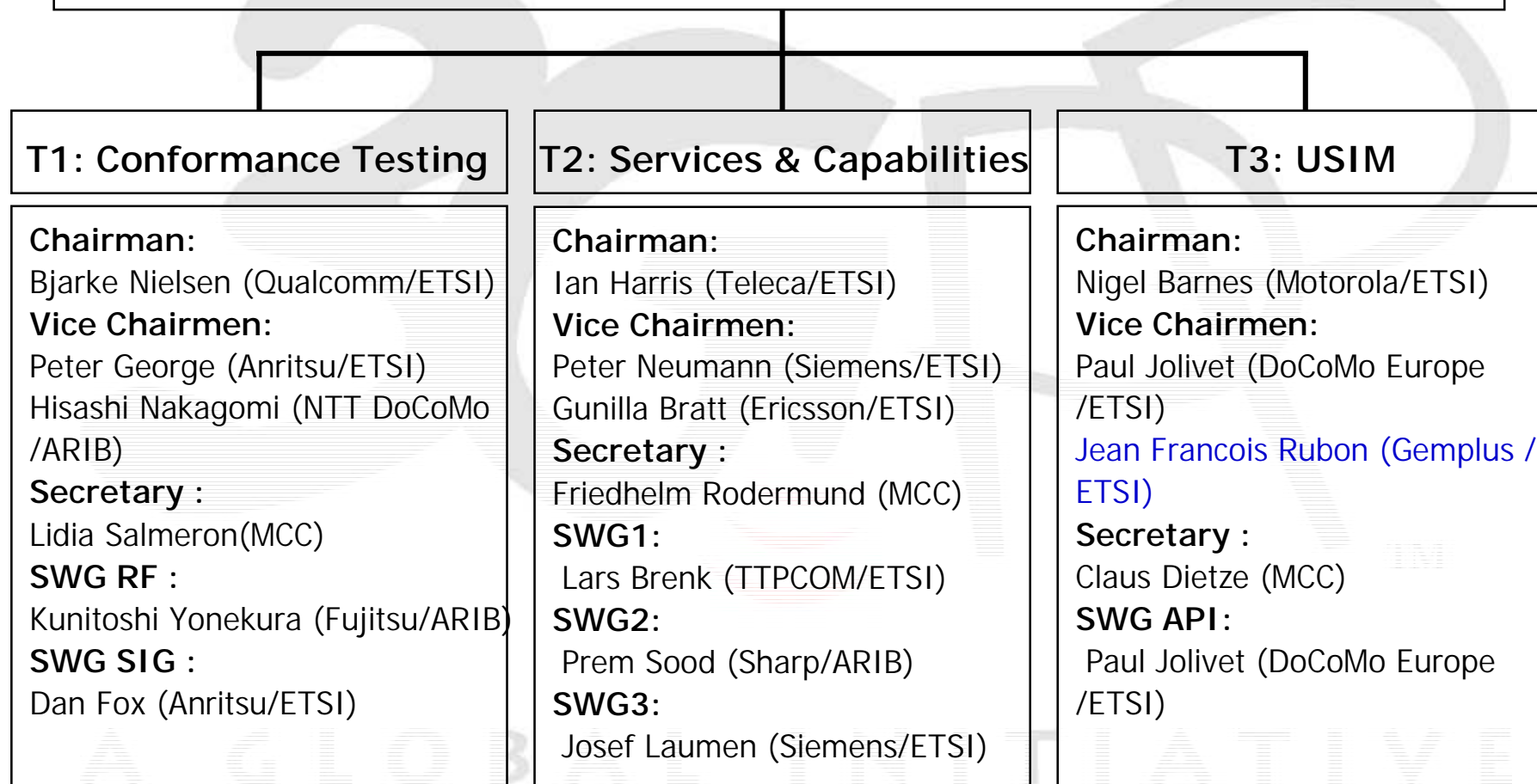
TSG-T Chairman

Sang-Keun Park

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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: USIM
Chairman: Bjarke Nielsen (Qualcomm/ETSI) **Vice Chairmen:** Peter George (Anritsu/ETSI) Hisashi Nakagomi (NTT DoCoMo /ARIB) **Secretary :** Lidia Salmeron(MCC) **SWG RF :** Kunitoshi Yonekura (Fujitsu/ARIB) **SWG SIG :** Dan Fox (Anritsu/ETSI)	**Chairman:** Ian Harris (Teleca/ETSI) **Vice Chairmen:** Peter Neumann (Siemens/ETSI) Gunilla Bratt (Ericsson/ETSI) **Secretary :** Friedhelm Rodermund (MCC) **SWG1:** Lars Brenk (TTPCOM/ETSI) **SWG2:** Prem Sood (Sharp/ARIB) **SWG3:** Josef Laumen (Siemens/ETSI)	**Chairman:** Nigel Barnes (Motorola/ETSI) **Vice Chairmen:** Paul Jolivet (DoCoMo Europe /ETSI) Jean Francois Rubon (Gemplus / ETSI) **Secretary :** Claus Dietze (MCC) **SWG API:** Paul Jolivet (DoCoMo Europe /ETSI)

T1 Conformance Testing (1)

- **RF Test Status**
  - Maintenance of R99 Specifications
    - Follow up database maintained
    - All core specification changes checked and updated
  - RRM Test Cases
    - 5 new test cases developed (all TDD)
    - Corrections and updates to existing Test Cases
    - Test tolerances now applied to some TCs
  - Total Test Time
    - New Strategy : Drafting of TR 34.901 V0.1.0 "Test Time Optimisation based on statistical approaches"
  - Test Case Priority
    - Keep updating the test specifications to the latest version of the core specification (For GCF Package 1 RF tests)
    - Will provide additional information identifying the differences between the versions of core specification

T1 Conformance Testing (2)

- **Status of RF Test Specifications**
  - TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)
    - 23 CRs approved (V3.10.0 → V3.11.0)
  - TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)
    - 6 CRs approved for R99 (V3.9.0 → V3.10.0)
    - 8 CRs approved for REL-4 (V4.5.0 → V4.6.0)
  - Completeness of RRM Tests

Document	Test Spec.	Core Spec.
TS 34.121 R99	84% → 84%	98% → 100%
TS 34.122 R99	56% → 45%(*)	90% → 100%
TS 34.122 REL-4	30% → 40%	100%

    * *Reduction due to new test cases being identified*

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T1 Conformance Testing (3)

- **Status of Signaling Test Specifications**
  - TS 34.108 Common Test Conditions for User Equipment (UE) Conformance Testing
    - Maintenance and updates to Sep 2002 Core Spec (29 CRs)
    - Introduction of new RAB combinations and Extensions for Multi-call
    - Annex added to accumulate REL-5 information until the content is enough to justify a REL-5 version
  - TS 34.123-1 UE Conformance Specification, part 1- Conformance Statement
    - 98 CRs approved for REL-5 (V5.1.0 → V5.2.0)
    - Almost 100% updated to September 2002 core specification
    - Due to work load, e-mail approvals used extensively

T1 Conformance Testing (4)

- ## Status of Signaling Test Specifications
  - TS 34.123-2 UE Conformance Specification, part 2 – ICS Implementation Statement
    - 11 CRs approved for REL-5 (V5.1.0 → V5.2.0)
    - Updated to reflect changes in TS 34.123 – 1
  - TS 34.123-3 UE Conformance Specification, part 3 – Abstract Test Suites (TTCN)
    - TS 34.123-3 V3.0.0 approved
    - First 3 TTCN codes for RRC test cases are considered verified (Verification is based on input from the industry) and approved by T1
    - TTCN MP file (code) is attached in TS 34.123-3 V3.0.0 Annex A (as normative part)

T1 Conformance Testing (5)

- **Report of TTCN Project Team (160) (TP-020292)**
  - TTCN verification is well going on
    - 3 TC verified for approval (TP-020302)
    - More than 60 P1 TC run at the simulation or test mobile basis.
    - 52 P1 TC have been successfully executed against real UE
  - Received error reports changed from anonymous to named
  - The recent PCG/OP meeting considered the 3GPP central funds for a TTCN expert team as a cost-effective and efficient tool for the generation of UE interoperability test
  - Approved 58 MM budget for 2003 (R99 and REL-4)
    - 16MM surplus budget is carried over from FY2001
    - 7MM manufacturers contribution for FY2001 have not been received
    - The contracts for 2003 have been started

T2 Services & Capabilities (1)

- **MExE**
  - TR 22.857 Run Time Independent Framework Feasibility Study is approved
  - MExE SWG goes to 'sleep mode', and will only meet on an 'as required' basis. There is a possibility that MExE group might be closed by T2's decision
  - Status of MExE WI
    - The RTIF Feasibility Study : Closed
    - MExE REL-6 Improvements and Investigations :
      Open until next TSG meeting in March 2003, but will be closed if there is no activity until then

T2 Services & Capabilities (2)

- ## UE Interfaces and Capabilities

  - 4 CRs approved, all relate to AT command+WS46

  - Generic User Profile

    - Unanimous agreement on Data Description Method(DDM)

    - DDM WID is approved (TP-020275)

  - User Equipment Management

    - WID produced, but insufficient support from T2 delegates

      - No rapporteur for TS 27.150 UEM Protocol Specification and TR for the GAP Analysis

      - Only two companies are committing to contribute

    - TSG-T seeks support of T2's UEM work from TSG-SA delegates

T2 Services & Capabilities (3)

- **Messaging – MMS**
  - LS from OMA on the Progress of Stage3 work for MMS REL-5
    - The available specification for general public review during the Q1 of 2003 (TP-020269)
  - UA behavior regarding the MMS parameters on the (U)SIM
    - REL-5 CR was agreed at T2#19 (Bundang/Korea) with T3 participation, but objections were raised at TSG-T#18
    - After a long discussion, two versions of REL-5 CRs were produced and were conditionally approved by T subject to TSG-SA's decision
      - LS on the usage of MMS parameters on the SIM, and interim release ME behavior (TP-020324 /SP-020802)
      - Mandatory for REL-5 terminal to use the MMS parameter on the SIM (TP-020321)
      - Optional for REL-5 terminal to use the MMS parameter on the SIM (TP-020322)
    - REL-4 CR not created yet. T2 seeks clarification from SA/SA1 in SP-020677

T2 Services & Capabilities (4)

- ## Messaging – MMS (cont'd)
  - MM Message Size definition
    - MMS Stage2 TS23.140 is aligned with SA5's requirements
  - Identification of Directory number support in MMS requested by SA1
    - Request the SA1's clarification and SA1 to include this requirement into TS 22.140 MMS Stage1

- ## Messaging – SMS
  - **T2** proposes SA2 to follow the recommendation reached at T2; that the LCS (terminal) based solution should be used for the new Area Event location service

- ## Messaging – EMS/CBS
  - NONE

T3 USIM (1)

- **Status of Specifications**
  - General enhancements and updates on
    - TS 11.11 and 51.011 SIM-ME Interface (2 CR)
    - TS 31.101 UICC-Terminal Interface (3 CR)
    - TS 31.102 Characteristics of USIM application (5 CR)
    - TS 31.103 Characteristics of ISIM application (3 CR)
    - TS 11.14 /TS 31.111 SIM-ME Interface for SAT /USAT (14 CR)
    - TS 43.019 (U)SIM API – Java Card™ (2 CR)
    - TS 23.048 Security Mechanisms for the (U)SAT (3 CR)
    - TS 31.115 /TS 31.116 Secured packet structure / Remote APDU Structure for (U)SAT (2 CR)
    - TS 11.13 Test specification for the SIM API for Java Card™ (1 CR)
    - TS 31.121 UICC-Terminal Interface; Application Test specification (6 CR)
    - TS 31.122 USIM conformance test specification (1 CR)

T3 USIM (2)

- **Status of Specifications (cont'd)**
  - TS 11.17 SIM conformance test specification upgrade from R98 to R99 without CR was approved
  - TS 31.101, TS 31.102 and TS 31.103 were recognized for REL-6, and common parts of TS 31.102 and TS 31.103 were moved into TS 31.101
  - Toolkit Specification
    - CRs to base TS 31.111(USAT) from REL-4 and onwards on Card Application Toolkit in ETSI TS 102 223
    - TS 51.014(SAT REL-4) created based on the Card Application Toolkit in ETSI TS 102 223 REL-4

T3 USIM (3)

- **New Specifications for approval**
  - NONE

- **Approved WID**
  - WID on REL-6 on User Equipment Management (UEM): UICC resident 3GPP applications aspects (TP-020288)
    - It is based on the draft SA5 UEM Building Block WID and covers all 3GPP UICC based applications as available for REL-6 (USIM, ISIM)
  - Revised WID on Test Specification for TS 23.048 REL-5 (TP-020289)
    - The original time schedule is not affected

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T3 USIM (4)

- **Information**
  - Many WIs approved by SA#17 have an impact on the UICC applications and T3 need to be informed by the owner of the WI in case actions are to be taken by T3
  - Java API interworking
    - T3 proposed two solutions, network operators are asked to share their view in order to go ahead with one preferred solution (SIM API and UICC API for JAVA Card™)
  - T3 concluded that in order to achieve compliance to the additional requirements specified in TS 03.19, test specification in TS 11.13 is sufficient
  - Jean-Francois Rubon (Gemplus) was elected as second vice-chairman

Other Issues

- **The Relationship with OMA**
  - LS sent out to IOP by T1 (TP-020267)
  - Several LSs on MMS received from OMA by T2
  - There were some concerns on how effective the work in T2 will be in the future considering that some companies seem to shift some resources towards OMA
  - T3 work has some relationship with OMA ,e.g. in the area of the WIM specification, and provisioning

- **T1 Elections in Feb 2003**
  - At the next T1 and T1 SWG meetings in San Antonio, TX, USA, Feb 2003, elections for T1 chair & vice chair, T1 RF SWG chair & vice chair will be held
  - T1 SIG SWG chair & vice chair elections are not due for another ½ year

Issues for SA Discussions

- UA behavior regarding the MMS parameters on the (U)SIM
    - LS on the usage of MMS parameters on the SIM, and interim release ME behavior (TP-020324 /SP-020802)
    - Mandatory for REL-5 terminal to use the MMS parameter on the SIM (TP-020321)
    - Optional for REL-5 terminal to use the MMS parameter on the SIM (TP-020322)

- Support of T2's UEM work is sought among TSG-SA delegates