TSG-T Management Report for PCG #11

Boston, USA

1 October 2003

TSG-T Chairman

Sang-Keun Park

(SAMSUNG Electronics, TTA)

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  - T1: Conformance Testing

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- ## Issues requiring discussion/decision at PCG#11

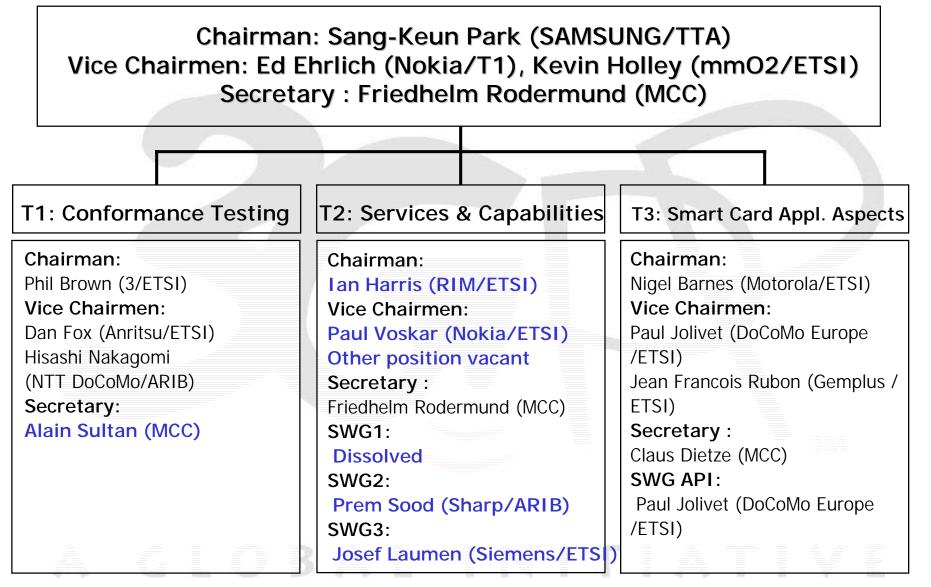 – 2004 TTCN budget request for MCC Task 160

Meetings since PCG#10

- TSG-T#20

  – 04-06 June 2003

  – Hämeenlinna, Finland

- TSG-T#21

  – 17-19 June 2003

  – Frankfurt, Germany

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

Chairman:
Phil Brown (3/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)
Other position vacant
Secretary :
Friedhelm Rodermund (MCC)
SWG1:
 Dissolved
SWG2:
 Prem Sood (Sharp/ARIB)
SWG3:
 Josef Laumen (Siemens/ETSI)

T3: Smart Card Appl. Aspects

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 (1/6)

- **RF Test Status**
  - Maintenance of R99 Specifications
    - Updates made in accordance with the latest core specifications
  - Total Test Time
    - TR34.901 v2.0.1 "Test Time Optimisation based on statistical approaches" completed, version 3 approved
  - RRM Background Analysis
    - TR will be developed to capture the work done on measurement uncertainty for the more complex RRM test cases

  - TS 34.121 Single Release for R99, REL-4 and REL-5
    - Best method of maintaining a single release document based on REL-5 to cover R99, REL-4 & REL-5
    - Work will now start on a single version release of TS 34.122 (expected for approval at T#22)

T1 Conformance Testing (2/6)

- **Status of RF Test Specifications**
- **General enhancements and updates on**
  - TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD) R99 (3.14.0), REL-4 (4.1.0) and REL-5 (5.1.0)
  - TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD) REL-4 (V4.9.0)
- **Completeness of RRM Tests**

Document	Test Spec.	Core Spec.
TS 34.121 R99	90% → 92%	100%

  - The proportion of RRM tests that now include test tolerances is approximately 20%
  - T1 recognises the importance of focussing effort in this area to deliver more completed tests for GCF validation within the next 6 months
  - No GCF RF tests validated so far are affected and the GCF will be informed

T1 Conformance Testing (3/6)

- **Status of Signaling Test Specifications**

- **General enhancements and updates on**

  - TS 34.108 Common Test Conditions for User Equipment (UE) Conformance Testing R99 (V3.13.0) and REL-4 (V4.8.0)

  - TS 34.123-1 UE Conformance Specification, part 1- Conformance Statement REL-5 (V5.5.0)
    - single release for R99, REL-4 and REL5
    - Corrections to prose test cases coming from issues found during the verification of the TTCN

  - TS 34.123-2 UE Conformance Specification, part 2 – ICS Implementation Statement REL-5 (V5.4.0 → V5.5.0)
    - Updated to reflect changes in TS 34.123 – 1

T1 Conformance Testing (4/6)

- **Status of Signaling Test Specifications**
  - TS 34.123-3 UE Conformance Specification, part 3 – Abstract Test Suites (TTCN)
    - Formal delivery of V310 in 34.123-3 (T#19)
    - 82 P1 & 21 P2 test cases now verified by T1 to Mar 02 baseline
    - TS 34.123-3 TTCN V3.3.0 will be based on March-03 core specifications
    - Major effort by industry to re-verify all test cases on new baseline
    - Support to GCF for TTCN verified test cases (Minimum delivery plan for P1, P2 & P3 by late Nov 03)

T1 Conformance Testing (5/6)

- **Report of TTCN Project Team (160) (TP-030195)**
  - Formal delivery of V310 in 34.123-3 (T#19)
  - 3 new TTCN experts joining the team
  - Moved baseline from March 02 to March 03 in TTCN
  - Implemented all prose CRs from T#19,20 in TTCN for P1+P2

  - **Request for TSG-T endorsement for TTCN in 2004**
    - **New requests received for**
      - **R99 GERAN → UTRAN PS HO, REL-4 LCR TDD, REL-5 SIP**
    - **Major goals for 2004 :**
      - **Completing R99 for P3 and P4(FDD)**
      - **Starting & developing above new requests**
    - **First funding estimation**
      - **FDD: 58 MM, TDD: 39MM, REL-5 SIP:voluntary contribution**

T1 Conformance Testing (6/6)

- **Other Issues in T1**
  - Work Item Updated
    - DS-CDMA Introduction in the 800 MHz Band for Terminal Conformance Specification of Radio Transmission and Reception
    - New WID to cover HSDPA

  - Workload peaks during the period between T1 meeting and T plenary. T1 secretary Alan Sultan needs support for non-technical secretarial work during the period.

T2 Services & Capabilities (1/5)

- ## SWG1: MExE
  - ### SWG1 status
    - SWG1 was dissolved and therefore no appointment of SWG1 chair was necessary
    - Lars Brenk (TTPCom) will continue as MExE rapporteur and will co-ordinate any future issues coming up regarding MExE under the direction of T2

T2 Services & Capabilities (2/5)

- ## SWG2: UE Interfaces and Capabilities

  - ### UEM (User Equipment Management)
    - No further work. The protocol spec and the GAP analysis will not be delivered

  - ### Discussion on GUP (Generic User Profile) WID
    - All supporting companies with one exception whose names are on this WID have stated that they have no intention to provide any input to progress this work
    - Companies whose names are not on the WID are providing contributions
    - T2 sought the further support for input from companies at TSG-T
    - TS 23.241 REL-6 is expected for information in September, and for TSG-T's approval in December

T2 Services & Capabilities (3/5)

- ## SWG3: Messaging – MMS (1)
  - Minor maintenance work on REL-5
  - Good progress on REL-6 enhancements

  - REL-6 MMS WID (SP-030354)(TP-030175)
    - The WID MMS Enhancements was revised as requested by TSG-T and SA. TSG-T approved the revised WID.
    - Some items with no contribution were deleted in the WID. The following items were removed :
      - Enhancements to Interworking and Transcoding
      - User Profile mechanisms
      - Streaming enhancements
      - MMBox (Network based storage) enhancements

T2 Services & Capabilities (4/5)

- ## SWG3: Messaging – MMS (2)
  - The use of MMS as a bearer for USAT (LS to SA2 in TP-030228)
    - Investigations by SA1, SA2 and T2 were reviewed
    - TSG-T feels that a more detailed analysis is required from SA2 especially what needs to be changed in the 3GPP system to support it

- ## 3GPP/OMA Cooperation
  - TSG-T agreed that the time scale for rebalancing of the MMS work is at the freezing point of REL-6

T2 Services & Capabilities (5/5)

- **Other Issues in T2**

  - T2 requested SA and T's guidance on location-enhanced emergency call service from European Commission using SMS/MMS (TP-030201)
    - T2 will follow SA, SA1 and SA2 discussions for future work

  - Elections for T2 leadership
    - T2 Chairman and two T2 vice Chairmen were lected at T2#21
    - Chairman : Ian Harris (Research In Motion)
    - Vice Chairman : Paul Voskar (NOKIA)
    - Re-appointment of incumbent SWG2 and SWG3 chairs at T2#22

T3 Smart Card Application Aspects (2/5)

- Updated Terms of Reference (TP-030147)
  - Title of the group was changed from "USIM" to "Smart Card Application Aspects" & Small editorial correction
- GERAN Handover of responsibility of TS 11.10-4 to T3
  - MS conformance specification; Part 4: SIM Application Toolkit conformance specification
- New WID approved
  - USIM enhancements for WLAN Interworking (TP-030185)
    - Optional enhancements to the smart card application specifications for WLAN Interworking
    - Investigations across possible use cases in the areas of security and provisioning

T3 Smart Card Application Aspects (3/5)

- ## Other issues and information in T3 (continued)

  - T3 related MMS aspects
    - **T3 agreed to hold an ad hoc meeting in October to discuss the USIM/USAT support of MMS**

  - USIM usage for MBMS security
    - Ongoing discussion in SA3 on the usage of the USIM for MBMS security will impact the T3 specifications
    - T3 encourage T and SA to involve T3 in this work as the inclusion of the feature to the smart card for REL-6 is time critical

T3 Smart Card Application Aspects (5/5)

- **Other issues and information in T3 (continued)**
  - Provisioning Service Connectivity Settings in the USIM
    - Future additions to T3 specifications in the areas of WLAN provisioning parameters and generic service connectivity parameters
    - OMA working groups are invited to consider the T3 specifications in their work (LS to OMA Requirements, Device Management)

T3 Smart Card Application Aspects (3/5)

- ## Other issues and information in T3

  - ### SIM/GSM services to be included on the USIM

    - USIM requires 3G Authentication

    - All legacy SIM files shall to be supported in the USIM as a general principle, to provide full service and feature support for GSM services in UMTS.

    - T3 identified some files/features which are present on the SIM but not on the USIM: those related to

      - the **SoLSA, ASCI** (VBS/VGCS), the **NIA** (Network's Indication of Alerting) services

Other Issues in T

- ## 3GPP/OMA Cooperation
  - Review of 3GPP/OMA workshop (15th September, Frankfurt)
  - Discussion on the way forward regarding the future work organization of MMS : TSG-T encouraged WG's contributions
  - Proposed LS with Terms of References for a Joint 3GPP/3GPP2/OMA Workshop on MMS Standardization Management (SP-030528)
    - Kevin HOLLEY was appointed as the single "Workshop Organizing Committee" member of 3GPP to coordinate this issue

- ## Review & Comments for Revision 4 of Recommendation ITU-R M.1457 (TP-030221)

- ## Support of SIM in REL-5 was discussed

Issues requiring discussion/decision at PCG#11

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  - Major goals for 2004 :
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    - Starting & developing above new requests
  - First funding estimation
    - FDD: 58 MM, TDD: 39MM, REL-5 SIP:voluntary contribution
- T endorsed MCC#160 2004 plan
  - Priority is given to original plan without new requests
  - Desire for single source of reference code as applicable to different regions/ access technologies
  - Following the model of GSMA and GCF's partial support for TTCN project in the past, new model of support should be sought (eg. TD-SCDMA FORUM support for TDD-LCR)