

Status Report T3

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Chairman T3

TSG-T #9
Hawaii, 20 - 22 September 2000

Documents

- TP-000181: Status Report to TSG-T #9 (this document, revision of TP-000145)
 - TP-000146: CR to GSM 03.19 *SIM API - stage 2 - (Java™)*
 - TP-000147: CRs to GSM 03.48 *SIM toolkit secure messaging*
 - TP-000148: CRs to GSM 11.11 *SIM-ME interface*
 - TP-000149: CRs to GSM 11.14 *SIM Application Toolkit*
 - TP-000150: CR to TS 21.111 *USIM and IC card requirements*
 - TP-000151: CR to TS 31.101 *UICC-Terminal Interface*
 - TP-000152: CRs to TS 31.102 *USIM application*
 - TP-000153: CR to TS 31.110 *Application Identifiers*
 - TP-000154: CRs to TS 31.111 *USIM Application Toolkit*
 - TP-000155: New Work Items
 - TP-000156: TS 31.120 *UICC-terminal interface; Physical and logical tests*
 - TP-000157: TS 31.121 *UICC-terminal interface; USIM application tests*
 - TP-000158: TS 31.122 *USIM conformance Test specification*
 - TP-000159: CR 03.19-A004: Correction of the AID coding for the API packages
 - TP-000176: CRs to GSM 11.11 and TS 31.102 on PLMN Selector and RPLMN
 - TP-000180: Progress report of MCC task 162 on USIM testing
 - TP-000182: CR to 31.102 on update condition for OPLMN selector list
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ETSI EP SCP #2

- Meeting hosted by LG InFocom, San Diego, 21 - 24 August 2000
- Election of Chairman and Vice-chairmen
 - Chairman: Dr. Klaus Vedder, Giesecke & Devrient
 - Vice-chairs: Nigel Barnes, Motorola
Mark Hosford, LG InFocom
- New name: EP SCP (Smart Card Platform)
- Approval of TS 102 221 for publication as Release 99
 - formerly TS 31.101 the contents of which had been transferred to EP SCP
 - several Release 99 CRs including selection by partial AID were incorporated

EP SCP #2

Four new work items

- Technology Independent Card Application Toolkit
 - a Card Application Toolkit for the common smart card platform
- Common application identifier specification
 - merging of existing work (e.g. ETSI TS 101 220 and 3G TS 31.110) plus specifying (or reserving) particular identifiers for specific e-commerce transaction types
- Enhancement to administrative commands
 - support for the existing mechanisms in GSM 03.48 (Secure messaging) and other specifications to be identified. In particular, key management could be provided for PKI technology
- Core API and secure messaging feasibility study
 - common core secure messaging syntax and semantics across first level application execution environments

Meetings

- TSG-T3 #15
 - 16 - 18 August 2000, San Diego, hosted by LG InFocom attended by 63 delegates from 11 countries
 - followed by EP SCP #2 (formerly “newSMG9”), 21-24 August 2000
- Ad hoc meetings
 - #7 JAVA API testing (Oberthur, Paris)
 - #8 USIM Toolkit interpreter (Giesecke & Devrient, Munich)
 - #9 SIM Toolkit testing (KPN Orange Belgium, Brussels)
 - #10 WAP-SAT interaction, joint meeting with WAP Forum (Motorola, Winchester)
 - #11 JAVA API testing (Gemplus, Marseille)
 - #13 USIM Toolkit interpreter (Vodafone, Newbury)

CRs to GSM 03.19 and GSM 03.48

- GSM 03.19 *SIM Applic. Programm. I/f (API) - stage 2 - (Java™)*
 - CR to Release 98 in TP-000146
 - A003: Definition of the value of the `getShareableInterfaceObject()` method byte parameter for the Toolkit Interface
 - CR to Release 98 in TP-000159
 - A004: Correction of the AID coding for the API packages

*NOTE: This CR was not discussed at the T3 Plenary,
it was agreed by seven card manufacturers just prior to T #9*
- GSM 03.48 *SIM toolkit secure messaging (stage 2)*
 - CRs to Release 99 in TP-000147
 - A012: Modification of the fields to be included in the 03.48 response packet checksum computation
 - A013: Clarification of the KID and KIC fields for Open Platform keys
 - A014: Clarific. on Access Domain param. in `Install(Install)` command

CRs to GSM 11.11 and GSM 11.14

- GSM 11.11 *SIM - ME interface*
 - CRs to Release 99 in TP-000148
 - A125: Warning regarding network selection with access technology
 - A126: Standardise the current GAIT commands and reserving these CLA/INS codes
- GSM 11.14 *SIM Application Toolkit*
 - CRs to Release 98 and 99 in TP-000149
 - A183 R98, A184 R99:
Clarification for Alpha Identifier in PLAY TONE
 - A185 R98, A186 R99:
EVENT DOWNLOAD-MT call : correction of the sub-address description
 - A187 R98, A188 R 99:
Correction to GET INPUT regarding number of response string variables

CRs to TSs 21.111, 31.101 and 31.110

- 21.111 *USIM and IC Card Requirements*
 - CR to Release 99 in TP-000150
 - 005: Partial AID selection requirements
- 31.101 *UICC-Terminal I/f; Physical & Logical Characteristics*
 - CR to Release 99 in TP-000151
 - 023: Replacement of the technical contents with a reference to TS 102 221
- 31.110 *Numbering system for telecommunication IC card applications*
 - CR to Release 99 in TP-000153
 - 003 r1: Reservation of TAR values

CRs to TS 31.102

Characteristics of the USIM Application

- Corrections to Release 99 in TP-000152
 - 044 r1: Correction to call information access conditions and correction of DF_GSM file IDs
 - 045: Clarification of the type 3 links of the phonebook
 - 046: Alignment of EF(CCP2) with EF(ECCP)
 - 047 r1: General corrections
 - 048: APN Control List coding
 - 049: Alignment with TS 33.102 regarding authentication Sequence Numbers
 - 050: Preferred language selection
 - 051: Application Selection by partial AID
 - 052: Addition of warning regarding network selection with access technology
 - 053: Phone book clarifications

CRs to TS 31.111

USIM Application Toolkit (USAT)

- Corrections to R99 and Release 2000 issues in TP-000154
 - 005 R99: Correction of Profile Download regarding USAT service table
 - 006 R00: Modification of GET INKEY
 - 007 R00: Suppression of DTMF tones during hidden input
 - 008 R99: Correction to GET INPUT regarding number of response string variables
 - 009 R99: Clarification for Alpha Identifier in PLAY TONE
 - 010 R99: EVENT DOWNLOAD-MT call : correction of the sub-address description
 - 011 R00: Addition of a Technology Indicator Tag in a Terminal Response message

Additional CRs

- CRs to R99 of GSM 11.11 and TS 31.102 in TP-000176
 - 11.11-A116: PLMN Selection Corrections and additions for EDGE
 - 11.11-A119: Addition of RPLMN file
 - 31.102-030: PLMN Selection additions
 - 31.102-036: Alignment to GSM 11.11 regarding Terminology
- CR to R99 of TS 31.102 in TP-000182
 - 054: Update condition for OPLMN Selector data-field, condition changed from “PIN” to “ADM”

Test Specifications

- Test following draft versions of Release 99 test specifications are presented for information and comment
 - TS 31.120 v1.0.0 in TP-000156
UICC-terminal interface; Physical and logical tests
 - TS 31.121 v1.0.0 in TP-000157
UICC-terminal interface; USIM application tests
 - TS 31.122 v1.0.0 in TP-000158
USIM conformance test specification

The draft documents were developed by MCC task 162
The MCC task 162 progress reports are contained in TP-000180
T3 reviewed the work of MCC task 162 and endorsed the approach taken so far
T3 then approved the draft versions for presentation to TSG-T #9
They will be presented for approval to TSG-T #10
- T3 #15 approved a CR to GSM 11.10-4 (SIM Application Toolkit tests) to be forwarded to GERAN

USIM API Test Specification

- Test specification for the USIM API
 - WI approved by TSG-T #7
 - discussion with SUN about laying open the JavaCard™ 2.1 Compliance Test Suite (CJCK)
 - to be presented to TSG-T #10 for information
- T3 #15 clarified that
 - a test specification shall not contain a reference to a non-public specification or document nor to any other non-public material
 - a test specification shall not contain any requirements, it shall only contain tests for requirements in its core specification

New Work Items (TP-000155)

- Work item description: "Multos API"
 - to allow the use of a further API in addition to JAVA™ API (GSM 03.19)
 - MULTOS API will be based on GSM 02.19
 - output: new specification and new test specification for Release 2001
 - the API would be based on the Release 2000 USIM Toolkit specification
 - both specifications to TSG-T for information / approval: T #11 / T #12
- Work item description: "USAT local link"
 - to allow the use of other bearers such as RS232, Bluetooth
 - output: CRs to 31.111 and, possibly, to GSM 03.48
 - secondary responsibility: TSG-T2
 - CRs for approval by TSG-T: T #10

Other Issues

- *WP Application Protocol Interface (API)* was established
 - Paul Jolivet, NTT DoCoMo Europe, was elected as the WP Chair
- T3 thanked the outgoing rapporteurs Kristian Woodsend and Rune Lindholm for all their work over the years in advancing GSM 11.14 / TS 31.111 and TS 31.101
- Support of USIM (security) functionality by GSM only R99 MEs
 - LS to S3 contained in T3-000470; answer in TP-000170
 - S3 will align its specifications with the T3 assumption that a R99 GSM only ME need not support a USIM (wrt security functionality)

Other Issues ctd.

- WI Standardisation of USIM Toolkit interpreter
 - stage 1 nearly completed by ad hoc meeting this week
 - byte codes laid open by SIMalliance and Across Wireless
 - specifications to TSG-T #10 for information
- Request by SIMalliance for formal liaison with T3
- T3 is concerned about R2000 work items developed by other groups which will require USIM support and may only be finalised towards the end of the year (VHE user profiles, IP multi-media services)

Meeting Calendar

- TSG-T3 #16
 - 13 - 15 November 2000, Seoul
hosted by KTF, LG, Hyundai, Samsung et al
 - followed by EP SCP #3 (15 -17 November 2000)
- TSG-T3 #17
 - 15 - 17 January 2001, Berlin, hosted by ORGA
followed by EP SCP #4 (17 -19 January 2001)
date and venue subject to confirmation
- TSG-T3 #18
 - 26 - 28 February 2001, Sophia-Antipolis, hosted by ETSI
followed by EP SCP #5 (28 Feb. - 02 March 2001)
meeting, date and venue subject to confirmation
- Confirmed invitations received from: Gemplus (spring 2001);
T1 (summer ?); Toshiba, Fujitsu, Hitachi and DNP (November 2001)

Decisions Required

- Approval of CRs to GSM 03.19 (TP-000146 and TP-000159)
- Approval of CRs to GSM 03.48 (TP-000147)
- Approval of CRs to 11.11 (TP-000148)
- Approval of CRs to 11.14 (TP-000149)
- Approval of CR to TS 21.111 (TP-000150)
- Approval of CR to TS 31.101 (TP-000151)
- Approval of CRs to TS 31.102 (TP-152)
- Approval of CR to TS 31.110 (TP-000153)
- Approval of CRs to TS 31.111 (TP-000154)
- Approval of new Work Items (TP-000155)
- Liaison with SIMalliance
- Approval of CRs to GSM 11.11 and TS 31.102 in TP-000176
- Approval of MCC task 162 progress reports in TP-000180
- Approval of CR to TS 31.102 in TP-000182