TP-0200129

T3 Status Report to T #16

Marco Island, Florida, US 4 - 6 June 2002

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Chairman TSG-T3

Giesecke & Devrient

Documents

- **TP-020129   T3 report at T#16**
- **TP-020110   CRs to TS 03.19**
- **TP-020111   CRs to TS 11.14**
- **TP-020112   CRs to TS 31.102**
- **TP-020113   CRs to TS 31.111**
- **TP-020114   CR to TS 31.112**
- **TP-020115   CRs to TS 31.113**
- **TP-020116   CRs to TS 31.114**
- **TP-020117   CR to TS 31.121**
- **TP-020118   CRs to TS 31.122**
- **TP-020119   CRs to TR 31.900**
- **TP-020120   CRs to TS 43.019**
- **TP-020121   CR to TS 51.011**

Documents (continued)

- TP-020122   Work item description on TS 11.13 for REL-5
- TP-020123   SIM toolkit test specification (for information)
- TP-020124   TS 31.103 Characteristics of the ISIM Application, REL-5 (for information and approval)
- TP-020125   "New" TS 31.111- based on CAT specification TS 102 223 (for information)
- TP-020126   TS 31.115 REL-6: Secured packet structure for (U)SIM Toolkit applications (for approval)
- TP-020127   TS 31.116 REL-6: Remote APDU Structure for (U)SIM Toolkit applications (for approval)
- TP-020128   TS 51.013 REL-4: Test specification for SIM API for Java Card™ (for information)
- TP-020130   LSs to T2 copy to TSG-T on MMS
  TP-020133
- TP-020131   LS and input document on concatenated messages from T3
  TP-020134   and T vice chair (in conjunction with CR 013 on TS 43.019)
- TP-020132   LS and CRs on error discovered in TS 11.11 and 51.011

Meetings

- **TSG-T3 #23**

  21 - 24 May 2002, Espoo, Finland
  hosted by Ficora, Nokia, Radiolinja, Setec and Sonera

- **SWG API**

  #12 09-11 April 2002 hosted by Sun Microsystems in Berlin, Germany

- **Ad hoc meetings**
  #65 USAT Interpreter, 19-21 March, Munich, Germany, hosted by G&D
  #67 IMS issues, 19-21 March, Sophia Antipolis, France, hosted by ETSI
  #68 JAVA API Testing, 03–05 April, Paderborn, Germany, hosted by Orga
  #69 USAT Interpreter, 09 -11 April, Stockholm, Sweden hosted by SmartTrust
  #70 USAT Interpreter Test, 11-12 April, Stockholm, Sweden, hosted by SmartTrust
  #71 USAT Interpreter Test, 13-14 May, Montrouge, France, hosted by SchlumbergerSema
  #72 JAVA API Testing, 29-30 April, Madrid, Spain, hosted by Microelectronica Espanola

T3 Structure

- **Chairman: Klaus Vedder (G&D)**
- **Secretary: Claus Dietze (MCC)**
- **Vice-chairs: Nigel Barnes (Motorola)**
  Paul Jolivet (DoCoMo Europe)

- **API SWG**
  - **Chair: Paul Jolivet (DoCoMo Europe)**

CRs to TS 03.19 and TS 43.019
(TP-020110, TP-020120)

TS 03.19 *SIM API – Java Card*^{TM} (TP-020110)
TS 43.019 *(U)SIM API – Java Card*^{TM} (TP-020120)

- Clarification of MEProfile behaviour
  03.19 R99 (CR A018); 43.019 Rel-4 (CR 016); 43.019 Rel-5 (CR 017)

- Correction of getSecuredDataOffset() method description for SMS-CB
  03.19 R99 (CR A019); 43.019 Rel-4 (CR 019); 43.019 Rel-5 (CR 020)

- Rel-5 CRs to TS 43.019

  013   Introduction of Concatenated Short Messages in SMS Point to Point
  - this CR was postponed at T #15 to be, if applicable, re-presented as a Rel-5 CR
  - see also LS from T3 in TP-020131 and LS from TSG-T vice chair in TP-010134

  018   Approved CRs not correctly incorporated in the current version

CRs to TS 11.14 and TS 31.111
(TP-020111, TP-020113)

TS 11.14 R99 *SIM application toolkit* (TP-020111)

- A210   Correction of wrong reference

- A211   Correction to OPEN CHANNEL for GPRS
  Addition of user login and password to OPEN CHANNEL for GPRS command

TS 31.111 *(U)SIM Application Toolkit* (TP-020113)

- Correction to OPEN CHANNEL for GPRS
  R99 (CR 067); Rel-4 (CR 068); Rel-5 (CR 069)

- 2 CRs containing miscellaneous corrections
  Rel-4 (CR 065); Rel-5 (CR 066)

- PDP context description in Channel Status TLV
  R99 (CR 070)

CRs to TS 31.102
(TP-020112)

TS 31.102 Characteristics of the USIM Application

- 2 CRs containing essential corrections
  correct definition of meaning of entries in USIM Service Table, missing entries in OTA administration table, recommended values at pre-personalisation
  Rel-4 (CR 108); Rel-5 (CR 109)

- Connectivity parameters and automatic bearer selection
  specification of new data-field to cater for new SA1 requirements and to allow automatic bearer selection
  Rel-4 (CR 111); Rel-5 (CR 110)

- 3 CRs to align BDN Comparison Method identifier with SIM specification
  R99 (CR 112); Rel-4 (CR 113); Rel-5 (CR 114)

CRs to TS 51.011 and TS 11.11
(TP-020121, TP-020132)

TS 11.11 / TS 51.011 SIM-ME Interface

CR 009 to Rel-4 of TS 51.011

The data-fields EF_{CNL} and EF_{DCK} are missing in the figure "Files identifiers and directory structures of GSM

LS and CRs to TS 11.11 R99 and TS 51.011 Rel-4

– discrepancy within the specification of file identifier for the data-field "Last used access technology"

– no implementation known by T3

– attached CRs propose "logical" change in line with TS 31.102 USIM characteristics - they were however not approved by T3

– advice of TSG-T is asked

CRs to TS 31.112
(TP-020114)

TS 31.112 *USAT interpreter; stage 2; Architecture description*

One CR to Release 5

    002   Rel-5 Removal of "session mode" as this was not specified in TS 31.114

CRs to TS 31.113
(TP-020115)

TS 31.113 *USAT interpreter; Byte codes*

- CRs to Release 5
    - 008   Clarification of the Assign and Branch command
    - 009   Miscellaneous corrections and clarifications on the specification
    - 010   Clarification of history management
    - 011   Removal of ciphering of the One Time Password
    - 012   Error on access to permanent variable
    - 013   Clarification of the Terminal Response Handler Mechanism

- CRs to Release 6 (Addition of feature)
    - 014   Terminal Response Handler Modifier "remove" attribute enhancements
    - 015   Addition of error handling
    - 016   Addition of functionality for security plug-ins

CRs to TS 31.114
(TP-020116)

TS 31.114 *USAT interpreter; Protocol administration*

All CRs are to Release 5

- 001 Clarification on the USAT Interpreter behaviour if the indicated access mode of a gateway originated message does not match with the tag in transport layer

- 002 Proof of Receipt management modification

CRs to Test Specifications
(TP-020117, TP-020118)

TS 31.121 *UICC-Terminal Interface;*

Application Test specification

- Correction of tests using EF (USIM Service Table)
  R99 (CR 006); Rel-4 (CR 007)

TS 31.122 *USIM conformance test specification*

- 2 corrections to R99
  - 007 General Corrections
  - 008 Removal of test for use of procedure byte '61xx' for
    case 2 commands

CRs to TR 31.900
(TP-020119)

TR 31.900 *SIM-USIM interworking*

3 CRs to Rel-5

- 006 Extension of Annex C - SIM/USIM file mapping table
- 007 FDN and BDN interworking mechanism between GSM and 3G
- 008 Health warning concerning possibly different file IDs in SIM and USIM

Specifications for Approval (I)
(TP-020126, TP-020127)

The two specifications comprise the GSM/3G specific part of TS 23.048

The respective generic parts TS 102 225 and TS 102 226 were approved for Rel-6 by EP SCP #09 on Jeju in March this year

- TS 31.115 *Secured packet structure for (U)SIM Toolkit applications*
  - v2.0.0 in TP-020126 for approval (Release 6)
  - version 1.0.0 presented to TSG-T #15 for information
  - definition of structure of Secured Packets in SMS-PP and SMS-CB

- TS 31.116 *Remote APDU Structure for (U)SIM Toolkit applications*
  - v2.0.0 in TP-020127 for approval (Release 6)
  - version 1.0.0 presented to TSG-T #15 for information
  - definition of remote management of files and applets on the SIM/USIM

Specifications for Approval (II)
(TP-020124)

TS 31.103 Characteristics of the ISIM Application (Release 5)
- definition of the ISIM application for access to IMS services
- version 1.0.0 for information and approval in one step
- only one known open issue (OFM)
  S3 have been asked whether OFM shall be supported by the ISIM
  application - the feature is currently supported

Specifications for Information
(TP-020123, TP-020125, TP-020128)

TS ab.cde *SIM toolkit test specification* (R99)
- V1.0.0 presented for information
- current version is part 4 of TS 51.010 and covers R96
- ME manufacturers were requested to contribute

TS 31.111red *USIM Application Toolkit (USAT)* (based on CAT)
- TSG-T #11 in Palm Springs agreed that TS 11.14 R99 should be incorporated into TS 31.111 R99 and then withdrawn
- T3 suggests to base TS 31.111 on the EP SCP specification TS 102 223 *Card Application Toolkit* and then incorporate TS 11.11 into the reduced version
- presented version is the first step: TS 31.111 reduced (for Rel-4)

TS 51.013 *Test specification for SIM API for Java Card™* (Rel-4*)*
- V1.0.0 presented for information
- Release 4 version of TS 11.13

Work Item for Approval
(TP-020122)

One new work item description
Test Specification for the SIM API for REL-5.

– The current test specification TS 11.13 covers R98. The objective is to provide a REL-5 version of this test specification.
  The new document would be an evolution of TS 11.13/TS 51.013
– Ensure interoperability as defined in TS 43.019 for Bytecode and Application Loading
– Rapporteur named; 6 supporting companies
– Presentation for information/approval scheduled for TSG-T #20 / TSG-T #21

Specifications:
Upgrades and Withdrawals

TS 21.111 *USIM and IC Card requirements*

- T3 proposes to upgrade TS 21.111 to release 5 without any CR

TS 31.110 *Numbering system for telecommunication IC card applications*

- This specification consists of simply a pointer to the relevant EP SCP specification TS 101 220 into which it was merged
  T3 proposes no upgrade to Rel-5

TR 31.900 *SIM/USIM interworking*

- As Rel-5 of TR 31.900 covers R99 as well as Rel-4 issues T3 proposes to withdraw the R99 and the Rel-4 version and only to maintain Rel-5

TS 51.011 *SIM/ME interface* (Rel-5)

- Due to the SA decision that a Rel-5 GERAN only terminal shall support the USIM and in light of the discussion at the TSG-T #11 Palm Springs T3 suggests to withdraw the Rel-5 version of TS 51.011 created during TSG-T#14 (the CR creating this version does not apply to Rel-4)

Other Issues (I)

- T3 and GSMA-SCaG had a joint session during the last T3 plenary on 23 May 2002 in Espoo

  T3 and SCaG decided to exchange information on a regular basis

- Data inconsistency if MMS is not supported by the ME for Rel-4

  - LS to T2 copy to TSG-T in TP-020130
  - GSMA SCaG supports a "unified" solution to have it for Rel-4 as expressed in an LS to T3, GSMA TWG, SERG, MSIG

- Mandatory use of parameters for User agent if present in USIM

  - LS to T2 copy to TSG-T (TP-020133) as T2 CR is presented to T #16

Other Issues (II)

- The T3 chairman announced that he intends to step down at the coming T3 plenary meeting in Seattle

Next Meetings

- **TSG-T3 #24**
  - 20-23 August 2002, Seattle, USA
    hosted by NA Friends of the 3GPP

- **TSG-T3 #25**
  - 5-8 November 2002, Maastricht, Netherlands
    hosted by Vodafone R&D

- T3 SWG API #13
  - 2-4 July 2002, Montrouge, France
    hosted by SchlumbergerSema

Decisions Required by TSG-T #16

- Approval of the CRs in documents TP-020110 to TP-020121
- Approval of Work item description on TS 11.13 (REL-5) in TP-020122
- Approval of the following specifications:
  - TS 31.103 *Characteristics of the ISIM Application* (Rel-5) in TP-020124
  - TS 31.115 *Secured packet structure for (U)SIM Toolkit applications* (Rel-6) in TP-020126
  - TS 31.116 *Remote APDU Structure for (U)SIM Toolkit applications* (Rel-6) in TP-020127
- Approval to withdraw the following versions:
  - TS 51.011 *SIM/ME interface:* Release 5
  - TR 31.900 *SIM/USIM interworking:* Release 99 and Release 4
- Upgrade to Release 6
  - TS 21.111: Yes; TS 31.110: No
- Approval of process of incorporating TS 11.14 into "reduced" TS 31.111 and subsequent withdrawal of "full scale" TS 31.111

ETSI EP SCP

SCP #9 Jeju, Korea, 11-13 March 2002, hosted by Samsung

The following specifications were approved for Rel-6:

TS 102 224 *Security mechanisms for UICC based Applications*
(SCP version of TS 02.48 / TS 22.048)

TS 102 225 *Secured packet structure for UICC based applications*

TS 102 226 *Remote APDU Structure for UICC based Applications*

Coming EP SCP plenary meetings:
#10: Sophia Antipolis, France, 25-27 June 2002, hosted by ETSI
#11: Munich, Germany, 24-26 Sept. 2002, hosted by G&D and Siemens