

# *T3 Status Report to T #13*

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Chairman TSG-T3



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A GLOBAL INITIATIVE

## *Documents*

- TP-010200 T3 status report at TSG-T #13
- TP-010201 CRs to 03.48 and 23.048 for approval
- TP-010202 CRs to 11.14 and 31.111 for approval
- TP-010203 CRs to 51.011 and 31.102 for approval
- TP-010204 CRs on GPRS default settings for approval
- TP-010205 CR to 31.900 for approval
- TP-010206 CR to 11.13 for approval
- TP-010207 TS 31.112 (v2.0.0) *USAT interpreter; Architecture description* for approval
- TP-010208 TS 31.113 (v2.0.0) *USAT interpreter; Byte codes* for approval

## Meetings

- **TSG-T3 #20**

03 - 05 September 2001, Marseille, France  
hosted by Gemplus

- **SWG API**

#6 04-06 July 2001, Berlin, Germany, hosted by Sun

#7 30-31 July 2001, Montrouge, France, Schlumberger (with SCP ad hoc)

- **Ad hoc meetings**

#44 Java API testing, 02-04 July 2001, Berlin, Germany, Sun

#45 USAT Interpreter, 03-05 July 2001, Munich, Germany, G&D

#46 USIM transport protocol, 11-12 July 2001, Montrouge, France, Schlumberger

#47 Java API testing, 01-03 August 2001, Montrouge, France, Schlumberger

#48 USAT Interpreter, 21-23 August 2001, Paris, France, Oberthur

#49 Java API testing, 12-14 September 2001, Barcelona, Spain, G&D

## ***T3 Structure***

- **Chairman:** Klaus Vedder (G&D)
- **Secretary:** Michael Sanders (MCC)
- **Vice-chairs:** Nigel Barnes (Motorola)  
Paul Jolivet (DoCoMo Europe)
  
- **API SWG**
  - **Chair:** Paul Jolivet (DoCoMo Europe)

# ***CRs to TS 03.48 and TS 23.048 (TP-010201)***

## ***Security Mechanisms for the SIM appl. Toolkit***

All CRs are Corrections

- Clarifications on padding and Anti Replay Counter  
03.48 R99 (CR A019); 23.048 Rel-4 (CR 005); 23.048 Rel-5 (CR 006)
- Correction to example in Annex A  
03.48 R99 (CR A020)
- Correction to APDU access mechanism in annex A  
23.048 Rel-4 (CR 001); 23.048 Rel-5 (CR 002)
- USIM input and output commands for Remote File management  
23.048 Rel-4 (CR 003), 23.048 Rel-5 (CR 004)

# ***CRs to 11.14 and 31.111*** ***(TP-010202)***

## **TS 11.14 / TS 31.111 (U)SIM Application Toolkit**

- Addition of TIA/EIA 136 byte to terminal profile  
11.14 R99 (CR A202); 31.111 R99 (CR 051); 31.111 Rel-4 (CR 052)
- Alignment with 31.111: interaction FDN, SEND SMS and SEND SS  
11.14 R99 (CR A203)
- Alignment with 31.111: open channel (duration of retries, procedures)  
11.14 R99 (CR A204)
- Corrections to OPEN CHANNEL commands  
11.14 R99 (CR A205); 31.111 R99 (CR 053); 31.111 Rel-4 (CR 054)
- TLV object for the APN in the OPEN CHANNEL command  
11.14 R99 (CR A206); 31.111 R99 (CR 055); 31.111 Rel-4 (CR 056)
- Corrections to SEND DATA commands and Channel Status Event  
11.14 R99 (CR A207); 31.111 R99 (CR 057); CR 31.111 (CR 058)

# ***CRs to 51.011 and 31.102 (TP-010203)***

## **Characteristics of the (U)SIM application**

All CRs are Corrections

- EF(EXT1): Clarification of Length Indicator for Additional Data  
51.011 Rel-4 (CR 003); 31.102 Rel-4 (CR 096)
- General Corrections  
31.102 R99 (CR 099); 31.102 Rel-4 (CR 098)

## ***CRs on GPRS (TP-010204)***

The CRS to 31.102 and 51.011 were approved by TSG-T #12 and had subsequently been postponed to await the finalisation of the service requirements by SA1. They are presented here un-changed for “re-approval”.

The Release-4 CRs to 21.111 and 42.017 add the new functionality to the respective requirement specifications. They are for approval.

21.111 CR 006 GPRS Operator Preferences

42.017 CR 001 GPRS Operator Preferences

31.102 CR 082 Addition of Operators Preferences file for GPRS service usage

51.011 CR 002 Addition of GPRS operator preferences

## ***CRs in TP-010205 and TP-010206***

### **TR 31.900 *SIM/USIM Interworking* (TP-010205)**

001 R99 Sharing of enabling/disabling procedure between SIM and USIM

### **TS 11.13 *Test Spec. for SIM API for Java Card*<sup>™</sup> (TP-010206)**

A002 R98 Corrections to the API test plan and test area files

T3 #21 agreed on the following CRs to be sent to GERAN for further processing

- CR 51.010-1 Rel-4: Alignment of section 27 with TS 51.011
- CR 11.10-4 R96: Corrections for Test Case 27.22.4.7 (REFRESH)
- CR 11.10-4 R96: Corrections for Test Case 27.22.5.2 (SMS-CB Data Download)
- The R99 version of 11.10-4 (SIM Application Toolkit tests) is expected to be completed by T3 #22

## ***New Specifications***

- TS 31.112 *USAT Interpreter; Architecture Description*
  - v2.0.0 in TP-010207 for approval for Release 5
  - presented to T#11 for information
  - defines role models, system architecture, information flow
- TS 31.113 *USAT Interpreter; Byte Codes*
  - v2.0.0 in TP-010208 for approval for Release 5
  - presented to T#11 for information
  - specifies byte codes recognised by interpreter
- No essential IPRs were declared or mentioned
  - one participating company has filed a patent on an interpreter
- The stage 1 description TS 22.112 was approved at T#11 for Release 4. It is suggested to delete this from Release 4.

## ***Decisions Required by TSG-T #13***

- **TP-010201**    **CRs to 03.48 and 23.048 for approval**
- **TP-010202**    **CRs to 11.14 and 31.111 for approval**
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- **TP-010204**    **CRs on GPRS default settings**
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- **TP-010206**    **CR to 11.13 for approval**
- **TP-010207**    **TS 31.112, v2.0.0 for approval for Release 5  
USAT interpreter; Architecture description**
- **TP-010208**    **TS 31.113, v2.0.0 for approval for Release 5  
USAT interpreter; Byte codes**

## *Next Meetings*

- **TSG-T3 #21**
  - 05 - 07 November, Kyoto, Japan  
hosted by DNP, Toshiba, Fujitsu and Hitachi  
followed by EP SCP #8 (07-09 November 2001)
- **TSG-T3 #22**
  - 22 - 25 January, France  
hosted by Oberthur Card Systems
- **TSG-T3 #23**
  - May, Finland, hosted by Nokia

## ***ETSI EP SCP***

#6 Turku, Finland, 26-29 June 2001 (Nokia, Sonera, Radiolinja and the Finnish Telecommunications Administration Centre)

#7 Marseille, France, 05-07 September 2001 (Gemplus)

SCP created three Working Parties

- WP1 Architecture
- WP2 Security
- WP3 Toolkit and API

SCP approved one new specification

- TS 102 223 *Card Application Toolkit (CAT)*
- 3GPP2 will refer to this specification

## ***Current T3-SCP Issues***

Separation of work on API and secure messaging topics

Ownership/split of

- TS 02.19 SIM Toolkit API - stage 1
- TS 03.19 SIM Toolkit API - stage 2 - Java™
- TS 02.48 Secure messaging - stage 1
- TS 03.48 Secure messaging - stage 2

Discussion continuing at next joint session of T3 and SCP in Kyoto in conjunction with T3 #21 and SCP #8

Negotiations with members of financial sector continuing on transforming EP SCP into a partnership project