

TP-010240



# ***T3 Status Report to T #14***

***Kyoto, Japan, 10-12 December 2001***

Dr. Klaus Vedder, Giesecke & Devrient  
Chairman TSG-T3



Giesecke & Devrient

A GLOBAL INITIATIVE

## ***Documents***

- **TP-010240** T3 status report at TSG-T #14
- **TP-010241** CRs to 03.19, 43.019 and 11.13
- **TP-010242** CRs to 03.48 and 23.048
- **TP-010243** CRs to 11.14 and 31.111
- **TP-010244** CRs to 11.11, 51.011 and 31.102
- **TP-010245** CRs to 31.112 and 31.113
- **TP-010246** CR to 31.110
- **TP-010247** CRs to 31.122
- **TP-010248** TS 31.114 (v1.0.0) *USAT interpreter; Protocol and admin.*
- **TP-010249** TS 31.131 (v1.0.0) *C language binding for SIM API*
- **TP-010250** SIM Toolkit test specification
- **TP-010236, TP-010237** LSs in conjunction with TP-010250
- **TP-010251** Work item description on *ISIM*
- **TP-010252** Work Item description *UE management*

## *Meetings*

- **TSG-T3 #21**

05 - 07 November, Kyoto, Japan  
hosted by DNP, Toshiba, Fujitsu and Hitachi

- **SWG API**

#8 25-27 Sept. 2001, Madrid, Spain, Microelectronica Española

#9 29-31 Oct. 2001, Marseille, France, Gemplus

- **Ad hoc meetings**

#50 USAT Interpreter, 26-27 Sept., Paderborn, hosted by ORGA

#51 USAT Interpreter, 10-11 Oct. 2001, Stockholm, hosted by SmartTrust

#52 USAT Interpreter Testing, 22-23 Oct. 2001, Marseille, hosted by Gemplus

#53 JAVA API Testing, 29-31 Oct. 2001, Marseille, hosted by Gemplus

#54 SIM Toolkit Testing, 29-31 Oct. 2001, Marseille, hosted by Gemplus

#55 Restructuring of 51.011, 30-31 Oct. 2001, Sophia Antipolis, hosted by ETSI

#56 USAT Interpreter Testing, 19 Nov. 2001, Madrid, Microelectronica Española

#57 USAT Interpreter, 20-22 Nov. 2001, Madrid, Microelectronica Española

#58 JAVA API Testing, 11-13 Dec. 2001, Sophia Antipolis, hosted by ETSI

## ***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 03.19 and TS 43.019 (TP-010241)***

## **TS 03.19 / TS 43.019 (U)SIM API - Java**

- ToolkitException.OUT\_OF\_TLV\_BOUNDARIES in ViewHandler.java  
03.19 R99 (CR-A017); 43.019 Rel-4 (CR-008); 43.019 Rel-5 (CR-009)
- CRs to 43.019-001 (Rel-5 only)
  - 001 Clarification of API methods and Framework behaviour regarding ProactiveHandler and EnvelopeResponseHandler
  - 002 Editorial modifications (constant name, “will” to “shall”)
  - 003 Addition of the EVENT\_FIRST\_COMMAND\_AFTER\_SELECT as a toolkit event
  - 004 Extension of list of Simple BER TLV tags in sim.toolkit.ToolkitConstants
  - 005 Modification of ToolkitRegistry methods
  - 006 ToolkitRegistry methods modification when no TAR is defined
  - 007 Applet triggering on Menu Help Request event

# ***CRs to TS 11.13*** ***(TP-010241 ctd)***

## ***TS 11.13 Java API test specification***

- All CRs are corrections to R98
  - A003 Specification of tests for framework part of the API
  - A004 Correction regarding the dynamic updating of the menu stored in the ME for the for API part in 3GPP T3 11.13 specification

# ***CRs to TS 03.48 and TS 23.048 (TP-010242)***

## **TS 03.48 / TS 23.048 (U)SIM secure messaging**

- Clarification of the APDU Access Domain  
03.48 R99 (CR A021); 23.048 Rel-4 (CR 011); 23.048 Rel-5 (CR 012)
- Correction of Response Header Length (RHL) definition  
03.48 R99 (CR A022); 23.048 Rel-4 (CR 015); 23.048 Rel-5 (CR 016)
- Definition of a Minimum Security Level  
23.048 Rel-5 (CR 007)
- Maximum number of timers allowed for each applet instance  
23.048 Rel-5 (CR 008)
- Clarification on computation of DES in CBC mode  
23.048 Rel-4 (CR 013); 23.048 Rel-5 (CR 014)

Note: CRs to TS 23.048 with numbers 009 and 010 are not yet agreed

# ***CRs to TS 11.14 and TS 31.111 (TP-010243)***

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

T3 #21 agreed not to merge TS 11.14 into TS 31.111 for Release 99 as discussed by TSG-T #11 in Palm Springs but to incorporate differences into TS 31.111 Rel-4 and to maintain TS 11.14 R99

- Corrections related to the bearer independent protocol 11.14 R99 (CR A-208); 31.111 R99 (CR 060); 31.111 Rel-4 (CR 061)
- Reservation of byte in terminal profile for TIA/EIA/IS-820 (3GPP2) Alignment with CAT specification of EP SCP which is used by 3GPP2 31.111 Rel-4 (CR 059)



# CRs to TS 11.11 and TS 51.011 (TP-010244)

## TS 11.11 / TS 51.011 SIM-ME Interface

- 2 corrections to TS 11.11
  - A129 (R98) Addition of (missing) procedures for GPRS files
  - A130 (R99) Collection of Corrections
    - includes A129, wrong file size for PLMN list
- 4 CRs to TS 51.011 (Rel-4 only)
  - 004 Collection of corrections (corresponds to CR 11.11 A130)
  - 005 Alignment of SPN feature between 2G and 3G
  - 006 Restructuring of TS 51.011
    - now based on TS 102 221 as is TS 31.102 *Charact. of the USIM applic.*  
(should we rename it to “Characteristics of the SIM application”?)
  - 007 CHV handling between USIM and SIM applications on a UICC
  - 008 Correction to Operator PLMN list
    - “wild value” used is specified in TS 24.008, alignment with TS 24.008

# ***CRs to TS 31.102*** ***(TP-010244 ctd.)***

## **TS 31.102 *Characteristics of the USIM Application***

- General corrections  
correspond to CR 11.11 A130 and CR 51.011 004  
31.102 R99 (CR 100); 31.102 Rel-4 (CR 101)
- Optional commands  
specifies that certain commands in TS 102.221 are not required for the  
USIM implementation (e.g., a general security command for TETRA)  
31.102 Rel-4 (CR 102)
- Correction to Operator PLMN list  
31.102 Rel-4 (CR 103) - corresponds to CR 008 to TS 51.011

# ***CRs to TS 31.112 and TS 31.113 (TP-010245)***

## ***TS 31.112 USAT interpreter; Architecture description***

- 1 Rel-5 CR to TS 31.112
  - 001 Correction of usage of “TAR value”

## ***TS 31.113 USAT interpreter; Byte codes***

- 4 Rel-5 CRs to TS 31.113
  - 001 Addition of SendAdditionalInformation attribute
  - 002 Collection of clarifications
    - actions at wait state, ....
  - 003 Changes to USAT Interpreter system information partition table
    - split of USAT Interpreter Profile into Commands and Byte Codes
  - 004 Comparison with a variable value
    - Inline Value may be used for branching to other locations

## ***CRs to TS 31.110 and TS 31.122 (TP-010246 and TP 010247)***

### ***TS 31.110 Numbering system for telecommunication IC card applications***

- Replacement of content with a reference to TS 101 220 following the merger with TS 101 220 as decided by TSG-T #11 CR 004 (Rel-4) in TP-010246

### ***TS 31.122 USIM conformance test specification***

- 2 corrections to R99 (in TP-010247)
  - 001 Corrections related to alignment with core specification
  - 004r1 Change test for TLV DO with tag '82' and '83'  
tests depend on values being present; correction wrong references

# ***New Specifications***

## ***(TP-010248, TP-010249 and TP-010250)***

- ***TS 31.114 USAT Interpreter; Protocol and administration***
  - v1.0.0 in TP-010248 for information (Release 5)
  - part of USAT interpreter work item
  - defines transmission protocol between USAT Interpreter and USAT Interpreter Gateway System and structures to administer the Interpreter
- ***TS 31.131 C-language binding for a (U)SIM API***
  - v1.0.0 in TP-010249 for information (Release 5)
  - work item approved by TSG-T #12
  - replaced work items on MULTOS API and MS API (draft)
- ***SIM Toolkit test specification R99***
  - R99 version presented for information in TP-010250
  - practically a new specification compared with TS 51.010-4 which is based on R96 of SIM Toolkit (TS 11.14)
  - see liaison statements between T3 and GERAN in TP-010236/7

## ***Work Items***

### ***(TP-010251 and TP-010252)***

- T3 agreed to request TSG-T to delete the following work items as no progress has been achieved, or it is assumed that they are of general concern and should be handled by EP SCP
  - WI Enhancements to secure messaging (TSG-T #8)
  - WI UICC-USIM transport protocol (TSG-T #12)
- Draft WI Description *ISIM on a UICC for IMS* (TP-010251)
  - creation of the necessary specification in co-operation with SA1 / SA3
  - WI rapporteur from Vodafone, 12 supporting companies
  - all output available by TSG-T #16 for approval
- Draft WI Description *UE management* (TP-010252)
  - *transpose the SA5 requirements into those for USIM and USAT*<sup>TM</sup>
  - WI rapporteur from Vodafone, 8 supporting companies
  - output: TR available by TSG-T #18 for approval

## *Other Issues*

- USAT Interpreter test specification likely to be postponed to late 2002
  - approved by TSG-T #12 with planned date March 2002
  - reason: late start in work item, more complex than initially thought
- The question is still open whether a Rel-5 GSM only terminal shall support the USIM
  - TSG-T #11 Palm Springs agreed to have a Rel-4 version of TS 11.11 (now TS 51.011) but not a Rel-5 version
  - there is no technical problem to make a Rel-5 GSM only terminals to support the USIM



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

- **TP-010241** CRs to 03.19, 43.019 and 11.13 for approval
- **TP-010242** CRs to 03.48 and 23.048 for approval
- **TP-010243** CRs to 11.14 and 31.111 for approval
- **TP-010244** CRs to 11.11, 51.011 and 31.102 for approval
- **TP-010245** CRs to 31.112 and 31.113 for approval
- **TP-010246** CR to 31.110 for approval
- **TP-010247** CRs to 31.122 for approval
- **TP-010251** WI on ISIM for approval
- **TP-010252** WI on UE management for approval
- **Deletion of WIs: Enhancements to secure messaging  
UICC-USIM transport protocol**



## *Next Meetings*

- **TSG-T3 #22**
  - 22 - 25 January 2002, Marbella, Spain  
hosted by Oberthur Card Systems
- **TSG-T3 #23**
  - May 2002, Finland, hosted by Nokia
- **TSG-T3 #24**
  - August 2002, USA, hosted by NA Friends of the 3GPP
- **SWG API #10**
  - 17-20 December 2001, Bordeaux, France, Oberthur Card Systems

## ***ETSI EP SCP***

SCP #8 Kyoto, Japan, 07-09 November 2001

hosted by DNP, Toshiba, Fujitsu and Hitachi

- SCP #8 approved the ToRs of the three Working Parties they will from handle technical issues
  - WP1 Architecture
  - WP2 Security
  - WP3 Toolkit and API
- Major topics
  - Split of API and secure messaging specifications
  - Generic Send Short message command for use by other committees
  - New WI on sensitive data creation and initialisation mechanisms™
  - several discussion on TCP-IP on smart cards

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

A GLOBAL INITIATIVE