

TP-030016



# ***T3 Status Report to T #19***

***Birmingham, UK, 12 – 14 March 2003***

Nigel Barnes, Motorola, Chairman TSG-T3

Claus Dietze, ETSI MCC, TSG-T3 support

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## ***T3 Structure***

- Chairman: Nigel Barnes (Motorola)
- Vice-chairs: Paul Jolivet (DoCoMo Europe)  
Jean-Francois Rubon (Gemplus)
- Secretary: Claus Dietze (MCC)
- API SWG  
Chairman: Paul Jolivet (DoCoMo Europe)

# Meetings



- **TSG-T3 #26**

11 – 14 February 2003, Lisbon, Portugal hosted by the European Friends of 3GPP

- **SWG API**

SWG API #15, 28 – 30 January 2003, Sophia Antipolis, France hosted by ETSI

- **Ad hoc meetings**

AH#84 on TS 23.048 testing; 25-26 November 2002 hosted by ETSI in Sophia Antipolis, France .

AH#85 on JavaCard API testing; 20-22 November 2002 hosted by Gemplus in La Ciotat, France

AH#86 on Java Card™ API testing; 8 - 10 January 2003 hosted by Oberthur Card Systems in Puteaux, France

AH#87 on TS 23.048 testing; 13 - 15 January 2003 hosted by Oberthur Card Systems in Puteaux, France

AH#88 on TS 23.048 testing; 3 - 4 February 2003 hosted by Orga Kartensysteme in Paderborn, Germany

AH#89 on Java Card™ API testing; 5 - 7 February 2003 hosted by Orga Kartensysteme in Paderborn, Germany

# Documents



- TP-030016 T3 status report to T#19
- TP-030017 CRs to TS 11.11 and TS 51.011
- TP-030018 CRs to TS 31.102
- TP-030019 CRs to TS 31.103
- TP-030020 CRs to TS 11.14 and TS 51.014
- TP-030021 CRs to TS 31.111
- TP-030022 CRs to TS 31.113 and 31.114
- TP-030023 CRs to TS 31.131
- TP-030024 CRs to TS 43.019
- TP-030025 CRs to TS 23.048, TS 31.115 and TS 31.116

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# Documents



- TP-030026 CRs to TS 11.13
- TP-030027 CRs to TS 11.17
- TP-030028 CRs to TS 31.121
- TP-030029 CRs to TS 31.122
- TP-030030 CRs to TR 31.900
- TP-030031 Work Item Description on TR on 2G/3G Java Card™ API based applet inter-working
- TP-030032 TS 34.131 v2.0.0 Rel-6: "Test Specification for 'C'-language binding to (U)SIM API" for approval

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## ***TSG-T3#26 information (I)***

- T3#26 was attended by 41 delegates from 12 countries.
- 55 CRs, 1 TS and 1 WID were agreed; 12 LSs were approved.
- Paul Jolivet (DoCoMo Europe) was re-elected as Vice-Chairman by acclamation.
- A joint meeting with T2 on MMS parameter storage was held on 13 February in the afternoon. The joint meeting produced CRs that are presented for approval at this plenary.
- On the discussion of IMS access utilizing the SIM, T3 emphasize that there is no Rel-5 SIM. This means that IMS access utilizing the SIM has to be based on the fields and functions already specified for the SIM. Furthermore, T3 has sent an LS to TSG SA asking TSG SA to encourage the use of the UICC holding the USIM and/or ISIM application for services defined for Rel-5 and beyond.

## ***TSG-T3#26 information (II)***

- T3 noted that no mechanism for Cell Broadcast toolkit messages is standardised for Rel-5 and earlier, and that the current specifications for Cell Broadcast in UTRAN are not complete. Could not be resolved with the help of T2 delegates.
- T3 requested information (by sending an LS) from SA1 on "3GPP UICC application aspects of WLAN inter-working" and intend to create a work item description on the topic for the next T plenary.
- After discussing a CR that proposed making the Universal PIN optional, T3 decided to keep the Universal PIN feature mandatory for backwards compatibility reasons.

## ***TSG-T3#26 information (III)***

- T3 discussed a potential issue with multiple EF\_ARR under ADF\_USIM. The fact that currently one EF\_ARR is explicitly specified with a defined FID under ADF\_USIM could give terminal manufacturers the impression that only one EF\_ARR is allowed. T3 noted that this is not the case and that more than one EF\_ARR are supported by the UICC as defined in ETSI TS 102 221. T3 therefore concluded that this support is obvious to terminal manufacturers and concluded to take no further action on the issue.
- T3 elaborated that due to modified requirements the handling of toolkit originated emergency calls is potentially ambiguous in the current specifications. Therefore an LS was sent to SA1 seeking clarification.
- T3 drafted a WID to cover interworking issues with 2G/3G Java Card API based toolkit applets (presented here for approval).



## ***LS sent to or copied to T***

- LS to T and GERAN (TSGG#12(02)3291) on: SIM Application Toolkit Test Specification for R99 (see: TP-030034)
- LS to SA1 copied to T and CN1 on: (U)SIM Toolkit originated emergency calls (see: TP-030033)

# LS sent to other groups



- Reply LS to SA1 cc T2, SA3 on: Having a Single (U)SIM to Authenticate Multiple Devices Simultaneously Using Local Wireless Link.
- LS to SCP, SCP WG1 on: large files and long toolkit commands
- LS to SA1, SA2 and SA3 on: Request for Information Regarding WLAN Interworking Impacts to USIM
- LS to SCP on: UICC Physical, Electrical and Logical Test Cases in TS 31.122 / TS 102 230
- LS to T2 on: Use of BIP for 3G packet data
- Reply LS to T2, SA1 (T3-030031) cc RAN2 on: Cell Broadcast Download data parameters
- LS to SCP, SCP WG1 on: Backward compatibility of EP SCP based 3GPP standards with existing SIM cards
- LS to SCP WG3 cc SCP on: Terminal Profile value reservation and Bearer independent corrections
- LS to SA on: UICC/USIM part of the 3GPP system
- LS to SCP on: Approved CRs to TS 23.048.
- Reply LS to SA1 (T3-030015) copied to GSMA ScaG on: cleanup of SAT/USAT requirements, 3GPP TS 22.038.

**CRs to be attached to the LS are under email-agreement procedure until 15 March 2003.**

# ***CRs to TS 11.11 and TS 51.011 (TP-030017)***

## **TS 11.11 / TS 51.011 SIM-ME Interface**

CR 017 to 51.011 (Rel-4) on:

Replace references to GSM 11.14 by references to TS 51.014.

CR 018 to 51.011 (Rel-4) on:

Addition of a new encoding example for MMS Connectivity Information in Annex J.2.

CR A134 to 11.11 (Rel-99) and CR 019 to 51.011 (Rel-4) on:

Deletion of EF\_RPLMNact in accordance with TP-020168 from TP#16 in Marco Island.

# **CRs to TS 31.102 (I)**

## **(TP-030018)**



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

CR 134 (R99), CR 135 (Rel-4), CR 136 (Rel-5) and CR 137 (Rel-6) on: Deletion of EF\_RPLMNact in accordance with TP-020168 from TP#16 in Marco Island.

**Concerns were received to CRs 135-137 after the CR was agreed at T3#26. The concern is related to potential backwards compatibility issues, as there might be cards and terminals in the field using/supporting the file.**

CR 131 (Rel-4), CR 132 (Rel-5) and CR 133 (Rel-6) on: Addition of an new encoding example for MMS Connectivity Information in Annex J.2.

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# **CRs to TS 31.102 (II)**

## **(TP-030018)**



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

CR 130rev1 (Rel-6) on:

Corrections on files: Change DF\_GSM to DF\_GSMACCESS; Delete references to DF\_SoLSA and its files; Addition of EF\_CCP2 to figure.

CR 138 (R99), CR 139 (Rel-4), CR 140 (Rel-5) and CR 141 (Rel-6) on: Make EF\_EXT1 optional in the USIM phonebook

**Concerns were received to CRs 138-141 after the CR was agreed at T3#26. The concern is related to potential backwards compatibility issues. If a terminal expect the file (as it was mandatory) it might raise an error or even reject the card if the file is not found on the card.**

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# ***CRs to TS 31.103*** ***(TP-030019)***

## **TS 31.103 Characteristics of the ISIM Application**

CR 005 (Rel-5) and CR 006 (Rel-6) on:

Alignment of names and descriptions of certain EFs with the Stage 2 terminology.

# ***CRs to TS 11.14, TS 51.014 and TS 31.111 (I) (TP-030020)***

## **TS 11.14 Specification of the SIM-ME interface for the SIM Application Toolkit:**

### **CR A216 R99 on:**

Clarification on the relationship between the Link dropped and the Channel Identifier reservation.

## **TS 51.014 Specification of the SIM-ME interface for the SIM Application Toolkit:**

### **CR 001 Rel-4 on:**

Missing parts to the definition of local links added and alignment of the general result chapter with TS 102 223.

### **CR 002 Rel-4 on:**

Corrections such as replacing the term “UICC” by the term “SIM” and correction of references.

# CRs to TS 11.14, TS 51.014 and TS 31.111 (II) (TP-030021)



## TS 31.111 USIM Application Toolkit (USAT) :

CR 089 (Rel-4) and CR 090 (Rel-5) on:

Clarification of behaviour for "wild" values in response to Call Control and MO Short Message Control envelopes.

CR 084 R99 on:

Device identifies for Browser Termination event and "Wild" values in response to call control.

CR 085 R99 on:

Icon identifiers handling. Generalization of the error procedure for a ME not receiving an alpha identifier/text string.

CR 086 Rel-5 on:

Correction of coding of TERMINAL PROFILE.

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# **CRs to TS 11.14, TS 51.014 and TS 31.111 (III) (TP-030021)**



## **TS 31.111 USIM Application Toolkit (USAT) :**

### **CR 088 Rel-5 on:**

Restructuring of TS 31.111 to be based on ETSI TS 102 223.

### **CR 091 (Rel-4) and CR 092 (Rel-5) on:**

Extension of location information TLV when connected to the UTRAN.

### **CR 087 to TS 31.111 R99 on (see also corresponding CR A216 to TS 11.14):**

Clarification on the relation between the Link dropped and the Channel Identifier reservation.

### **CR 093 (R99), CR 094 (Rel-4) and CR 095 (Rel-5) on:**

Correction of Cell Broadcast data download. The current description of the cell broadcast data download is only applicable when the ME is connected to a GSM access network.

# ***CR to TS 43.019*** ***(TP-030024)***

## **TS 43.019 (U)SIM API – Java Card™**

### CR 030 Rel-5 on: Clarification on:

Clarification of end and validity of the registration to  
EVENT\_EVENT\_DOWNLOAD\_DATA\_AVAILABLE and  
EVENT\_EVENT\_DOWNLOAD\_CHANNEL\_STATUS

# ***CRs to TS 31.131*** ***(TP-030023)***

## **TS 31.131 'C'-language binding to (U)SIM API**

CR 001 to TS 31.131 Rel-6 on:

Editorial corrections such as correction of data type and signature errors.

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# ***CRs to TR 31.900*** ***(TP-030030)***

## **TR 31.900 SIM/USIM internal and external inter-working**

CR 009 to TR 31.900 Rel-5 on:

Addition of clarifying notes to SIM/USIM File Mapping Table.

# ***CRs to TS 23.048 and TS 31.116***

***(I) (TP-030025)***



## **TS 23.048 Security Mechanisms for the (U)SIM application toolkit; Stage 2**

**CR 030 Rel-5 on:**

Specification of the starting directory for the RFM Applications.

**CR 031 Rel-5 on:**

Correction on behaviour for Response Packet.

**CR 032 (Rel-4) and CR 033 (Rel-4) on:**

Implementation for SMS-CB in 3G. The current description of the cell broadcast data download is applicable to cell broadcast messages in a GSM network only.

**CR 034 Rel-5 on:**

Definition of default values for the application for optional parameters if these are not present in the install(install) command data.

# ***CRs to TS 23.048 and TS 31.116 (II) (TP-030025)***

## **TS 31.116 Remote APDU Structure for (U)SIM Toolkit applications (Rel-6)**

CR 003 Rel-6 on (see also CR 031 to TS 23.048):  
Correction on behaviour of the Response Packet

# ***CRs to Test Specification TS 11.13 and TS 51.013 (TP-030026)***

## **TS 11.13 Test specification for the SIM API for Java Card™**

CR A006 R99 on:  
Collection of several essential corrections.

CR A007 R99 on:  
Upgrade of Specification to Rel-4.

## **TS 51.013 Test specification for the SIM API for Java Card™ *created by CR A007***

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# ***CRs to Test Specification TS 31.113 and TS 31.114 (TP-030022)***

## **TS 31.113 USAT interpreter; stage 3; Byte Codes**

### CR 025 Rel-5 and CR 026 Rel-6 on:

Several Corrections such as clarification of memory allocation "Problem in memory management"-error shall be used, removal of '92' tag, removal of VAR field in picture 8.1. and correction of error handling of transmission errors in clause 7.9.

## **TS 31.114 USAT interpreter; Protocol administration**

### CR 004 Rel-5 on:

Correction on Byte Code List Value ('5F' instead of '57').



# ***CRs to Test Specification TS 31.121 (TP-030028)***

## **TS 31.121 UICC-Terminal Interface; Application Test specification**

CR 020 R99 and CR 021 Rel-4 on:  
Correction of file size and coding of EFs.

CR 022 R99 and CR 023 Rel-4 on:  
Correction of PLMN coding.

# ***CRs to Test Specification TS 31.122 (TP-030029)***

## **TS 31.122 USIM conformance test specification (R99)**

CR 015 R99 on:

Correction to the returned FCP of the SELECT and the STATUS command.

# ***CRs to Test Specification TS 11.17 (TP-030027)***

## **TS 11.17 SIM conformance test specification (R99)**

CR A001 R99 on:

Correction of wrong reference to TS 11.11.

# *Specifications for Approval*

TS 34.131 v2.0.0 Rel-6: "Test Specification for 'C'-language binding to (U)SIM API"

TS 34.131 covers the minimum characteristics considered necessary in order to provide compliance to 3GPP TS 31.131 "C'-language binding to (U)SIM API". TS 34.131 describes the technical characteristics and methods of test for testing the SIM API for the C programming language implemented in the subscriber identity modules for GSM and 3G networks.

# *Specifications for Information*

None.



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# ***New Work Item for approval***

***(TP-030)***

**WID to create a Technical Report on: 2G/3G Java Card™ API based applet inter-working**

In order to proceed with the migration of existing 2G applets on the UICC, it was identified that both the SIM API (as defined in TS 43.019) and UICC/USIM/SIM API (as defined TS 102 241 and TS 31.130) can be implemented on the UICC.

The Technical Report clarifies:

- the behaviour and limitations of the TS 43.019 APIs used in 3G mode.
- the API inter-working.

## ***Decisions Required by TSG-T #19***

**Approval** of the CRs in TP-030017 to TP-030030

**Approval** of Work Item Description in TP-030031

**Approval** of TS 34.131 in TP-030032

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## ***Next Meetings***

- **TSG-T3 #27**  
20 – 23 May 2003, Sapporo, Hokkaido Japan  
hosted by NTT DoCoMo .
- **T3 SWG API #16**  
18 – 21 March 2003, Paris, France  
hosted by DoCoMo Europe
- **Ad hoc meetings**  
24 – 26 March 2003, TS 51.013 testing, To Be Confirmed (TBC)  
27 – 28 March 2003, TS 23.048 testing, TBC



# **ETSI EP SCP #12**

*Sophia Antipolis, France, 15 – 17 January 2003,  
hosted by ETSI*



## **One new technical specification was approved:**

TS 102 124 v1.0.0: Transport Protocol For CAT Applications; Stage 1.

## **One new technical report was approved:**

TR 102 151 Rel-6 "Measurement of Electromagnetic Emission of SIM Cards".

## **Coming EP SCP plenary meeting:**

SCP #13: 6 to 8 May 2003 in Madrid, Spain, hosted by  
Microelectronica Espanola

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