TP-030132

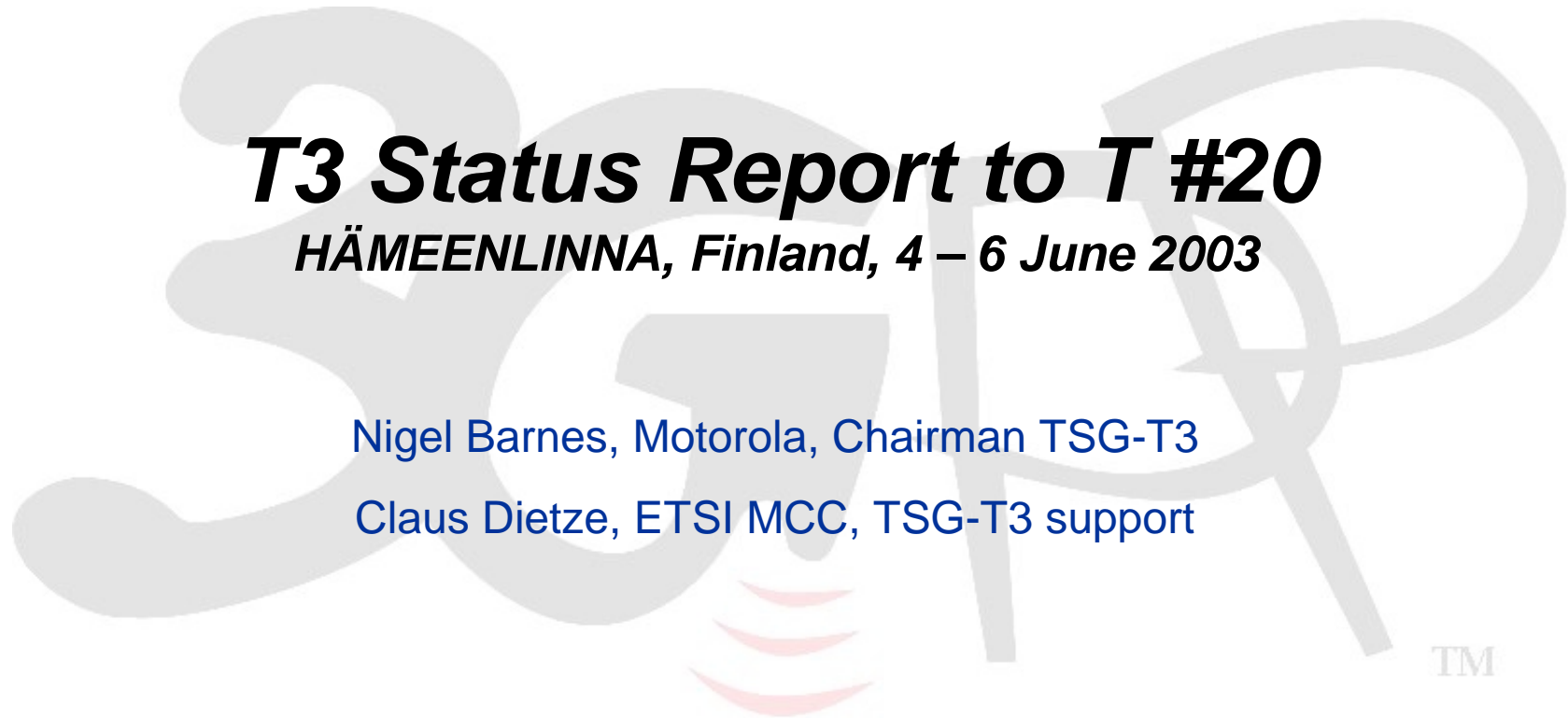# T3 Status Report to T #20

HÄMEENLINNA, Finland, 4 – 6 June 2003

Nigel Barnes, Motorola, Chairman TSG-T3

Claus Dietze, ETSI MCC, TSG-T3 support

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 #27**

  20 – 23 May 2003, Sapporo, Japan hosted by NEC, Panasonic, Mitsubishi and NTT DoCoMo

- ## **SWG API**

  SWG_API#16, 18 - 21 March 2003 hosted by DoCoMo in Paris, France

  SWG_API#17, 8 - 9 April 2003 hosted by Sun Microsystems in Munich, Germany

- ## **Ad hoc meetings**

  AH#90 on Java API test, 24 - 26 Mar 2003 hosted by Microelectrónica Española in Madrid, Spain.

  AH#91 on TS 23.048 test specification, 27 - 28 Mar 2003 hosted by Microelectrónica Española in Madrid, Spain.

  AH#92 on TS 23.048 test specification was CANCELLED due to lack of participation

Documents

- TP-030132 T3 status report to T#19 for information

- TP-030117 CRs to TS 11.14 for approval
- TP-030118 CRs to TS 11.10-4 for approval
- TP-030119 CRs to TS 23.048 for approval
- TP-030120 CRs to TS 31.101 for approval
- TP-030121 CRs to TS 31.102 for approval
- TP-030122 CRs to TS 31.103 for approval
- TP-030123 CRs to TS 31.121 for approval
- TP-030124 CRs to TS 51.011 for approval
- TP-030125 CRs to TS 51.013 for approval

Documents

- TP-030126 Updated T3 Terms of Reference for approval

- TP-030127 TS 31.130 "(U)SIM API for Java Card^{TM}" for information
- TP-030128 TR 31.919 on 2G/3G Java Card^{TM} API
  based applet interworking for information

- TP-030129 Work Item Description on: WLAN interworking aspects
  on UICC applications for approval
- TP-030130 Updated Work Item Description on: TS
  23.048 test specification for approval
- TP-030131 Work Item Description on: MMS used
  as a bearer for USAT for approval

TSG-T3#27 information (I)

- T3#27 was attended by 30 delegates from 9 countries.

- 27 CRs, 3 WID were agreed; 1 TR and 1 TS were agreed to be presented for information; 11 LSs were approved.

- T3 decided to change the name of the group from "USIM" to "Smart Card Application Aspects" and present updated ToR to T for approval (see TP-030126)

- T3 stated that there is potential overlap of work with OMA on MMS and User Equipment Management (UEM). It was stated that the USIM could benefit the current UEM specifications (security) and that 3GPP and OMA work should be monitored by T3.

TSG-T3#27 information (II)

- T3 discussed on the issues related to toolkit originated emergency calls. First regarding SETUP CALL 112 because of an LS of SA1 stating that this command should be interpreted as set up of a normal call from Rel-6. In current specifications this particular toolkit command is interpreted to set up an emergency call, from R96 onwards. Some implementations already exist in the field. Secondly, regarding the CALL CONTROL which can modify any normal call into an emergency call; this could be in contradiction with SA1 requirements for emergency numbers since R99. Terminal manufacturers are invited to check on their implementation of these features. An LS to SA1 was sent to get further guidance.

- T3 discussed two work items on MMS support on the card. The WID related to MMS as a bearer for the toolkit was agreed (TP-030131). The WID on storage of MMs on the card was only supported by 3 companies and is presented as an input document to this meeting (see also TP-030139).

TSG-T3#27 information (III)

- The request to include SIM/GSM services on the USIM as stated during the last T plenary was discussed and no conclusion could be reached. A LS was sent to T and SA1 seeking clarification. (TP-030094)

- A contradiction related to the guardtime of the T=0 transport protocol in TS 11.11, TS 51.011 and TS 31.102 was discussed. A CR to TS 51.011 was agreed that aligned TS 51.011 to TS 11.11. The related CR to TS 31.102 was extensively discussed and a compromise finally agreed (TP-030121/TP-030120).

- TSG-T is asked to accept the handover of responsibility of TS 11.10-4 to T3 (see related LSs in TP-030088 and TP-030093).

TSG-T3#27 information (IV)

- The replacement of "SMS-CB" by "CBS" throughout the T3 specifications as requested by T at the last T plenary meeting was discussed. T3 concluded to postpone the issue and to point out that SMS-CB is used in many T documents. Changing this would be editorial and should not be applied to frozen Releases. Furthermore it was pointed out that TR 21.905 contains the abbreviation SMS-CB as a valid abbreviation.

- T3 agreed to upgrade TS 22.048 to Rel-5 without CR

LS sent to or copied to T

- LS to T on: Transfer of responsibility of the SAT test specification from GERAN5 to T3 (TP-030093)

- LS to T, SA1 on: Support of GSM SIM files (and services) on the USIM (TP-030094)

- LS to SCP copied to 3GPP2 TSG-C, SCP WG1 and T in reply to T3 –030359 on: Administration of tag values (TP-030136)

- LS to 3GPP2 TSG-C, 3GPP2-SC copied to T on ISIM (TP-030137)

LS sent to other groups

- **LS to GSMA SCaG copied to SA1 on: Cleanup of SAT/USAT requirements 3GPP TS 22.038.**

- **LS to SA1 copied to SA2, SA3 on: WLAN interworking**

- **LS to SCP WG1 copied to SCP on: Backward compatibility of EP SCP based 3GPP standards with existing SIM cards**

- **Reply to LS from SA3 (S3-030275) to SA3 copied to SA, SA1, SA2 on: Clarification of USIM-based access to IMS**

- **LS to SA1, SCP-WG1, T2 copied to SCP, GSMA SCaG on: MMS capability of the card**

- **LS to SA1 on: (U)SIM toolkit originated emergency calls**

- **LS to CN1 on: Removal of RPLMNAcT for GSM COMPACT (email approval)**

CRs to TS 51.011
(TP-030124)

TS 51.011 Rel-4 *SIM-ME Interface*

CR 020 on:
Correction of the MMS example.

CR 021 on:
Essential correction on SIM/UICC interface compatibility. Clarifies that both card and terminals compliant with TS 102 221 must be ready to receive characters only 12 ETUs after the leading edge of the start bit of the last character of any transmission that it originates.

CR 022 on:
Correction of inconsistencies within the document such as replace PIN with CHV1, correct length of EF_AD…

CR 023 on:
Correction of pre-personalisation values

CRs to TS 31.102
(TP-030121)

TS 31.102 *Characteristics of the USIM Application*

CR 142 (Rel-4) , CR 143 (Rel-5), CR 144 (Rel-6) on: Correction of the MMS example

CR 145 (R99) , CR 146 (Rel-4), CR 147 (Rel-5), CR 148 (Rel-6) on: Corrections and clarifications.

CR 149 (R99), CR 150 (Rel-4), CR 151 (Rel-5) on: Clarification on the support of extra guardtime. Clarifies that the ISO mechanism for negotiation of extra guardtime does not have to be supported by 3GPP terminals.

CR 152 (Rel-6) and CR 153 (Rel-5) on: Clarification on SIM support by terminals. Clarifies that SIM application selection by 3G terminals is not mandatory.

CRs to TS 31.103
(TP-030122)

TS 31.103 Characteristics of the ISIM Application

CR 007 (Rel-5) and CR 008 (Rel-6) on: Clarification that the home operator's network domain name is a SIP URI.

CR 009 (Rel-5) on: Clarification on the support of extra guardtime. Clarifies that the ISO mechanism for negotiation of extra guardtime does not have to be supported by 3GPP terminals.

CRs to TS 11.14
(TP-030117)

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

CR A217 (R99) on: Correction of Item Icon Identifier list coding example. Insertion of the "icon list qualifier" into the coding example.

CRs to TS 31.101
(TP-030120)

TS 31.101 UICC-Terminal Interface; Physical and Logical Characteristics

CR 028 (Rel-6) on: Clarification on the support of extra guardtime. Clarifies that the ISO mechanism for negotiation of extra guardtime does not have to be supported by 3GPP terminals.

CRs to TR 11.10-4
(TP-030118)

TS 11.10-4 R99 _Mobile Station (MS) conformance specification;_
Part 4: SIM Application Toolkit conformance specification

CR A012 on: Corrections to Send Short Message, Sequence 1.4

CR A013 on: Redial in Set Up Call. Identifies test cases as optional which cover the redial mechanism in Set Up Call.

CR A014 on: Correction to Terminal Response: Set Up Call 1.7.1.

CR A015 on: Select Item: Support of "No response from user"'. This test was defined as un-testable in R96.

CR A016 on: Correction of Emergency Call test cases. Adds "112" as an emergency number in the ECC file

Note: Approval of the transfer of TS 11.10-4 necessary prior to approval of the CRs.

CRs to TS 23.048
(TP-030119)

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

CR 035 (Rel-5) on: Correction of the 'System Parameters constructed value field'.

CRs to Test Specification TS 51.013 (TP-030125)

TS 51.013 *Test specification for the SIM API for Java Card*™

CR 001 (Rel-4 -> Rel-5) on: Update of 51.013 Specification for Release 5. This CR creates Rel-5 of TS 51.013.

CRs to Test Specification
TS 31.121 *(TP-030123)*

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

CR 024 (R99) and CR 025 (Rel-4) on: Correction of acceptance criteria. Coding of EF_LOCI corrected.

Terms of Reference
(TP-030126)

Title of the group was changed from "USIM" to "Smart Card Application Aspects" in order to reflect the work of the group more appropriate. Also, small editorial correction. Document is presented for approval.

Specification Issues

T3 propose to upgrade TS 22.048 ("Security mechanisms for the (U)SIM Application Toolkit; Stage 1") for Rel-5 without CR.

Currently TS 22.048 only exists in Rel-4 as version 4.0.0. The corresponding stage 2 TS 23.048 ("Security mechanisms for the (U)SIM Application Toolkit; Stage 2") exists also as a Release 5 specification. No changes are necessary in order to upgrade the specification to Rel-5.

Therefore T3 propose to create Release 5 of TS 22.048 without change request.

Specifications for Information
(TP-030127)

TS 31.130 Rel-6: (U)SIM Application Programming Interface (U)SIM API; (U)SIM API for Java Card™

TS 31.130 defines the Application Programming Interface for 2G/3G cards based on the "UICC API for Java Card™".

Reports for Information
(TP-030128)

TR 31.919 Rel-6 on: 2G/3G Java Card™ API based applet interworking.

TR 31.919 describes the behaviour and limitations of TS 43.019 APIs used in 3G environment. It further describes the interworking of TS 43.019 APIs and TS 102 241 APIs.

Updated Work Item for approval
(TP-030130)

Test Specification for the Security Mechanisms for the (U)SIM application toolkit Rel-5.

The objective of the WI as well as the time schedule for completion was modified. One of the supporting companies of the original WI declined to support the modified WI.

New Work Item for approval
(TP-030129)

WLAN Interworking impact on UICC applications

The objective of the WI is to develop either Rel-6 change requests to existing T3 specifications or to create new Rel-6 specification(s) in order to provide smartcard based authentication solutions for WLAN interworking.

The WID follows the request of some operators and an SA1 endorsement to investigate on the topic. The following 3 options will be considered:

1) EAP SIM

2) EAP for Smartcard

3) EAP AKA

New Work Item for approval
(TP-030131)

MMS used as a bearer for USIM Application Toolkit

The objective of the WID is to follow the request of some operators to consider MMS as a bearer to send and receive MMs for toolkit use:

- To transfer data to and from Toolkit applications
- To manage toolkit applications
- To manage UICC applications

The following work areas will be considered:

- New proactive command to send MMs to the network
- New envelope command to transfer MMs from the terminal to the USIM
- Improvement of the ability to transfer large amount of data between the UICC and the terminal in a reasonable time
- Bearer independent protocol support

Decisions Required by TSG-T #20

Approval of the transfer of TS11.10-4 to T3

Approval of the CRs in TP-030117 to TP-030125

Approval of Work Item Descriptions in
  TP-030129 to TP-030131

Approval of ToRs in TP-030126

Approval of Upgrade of TS 22.048 to Rel-5

Next Meetings

- ## TSG-T3 #28

  19-22 August 2003, Marseille (France)
  hosted by Gemplus

- ## T3 SWG API #18

  29-31 July 2003, Bordeaux (France) hosted by
  Oberthur Card Systems (to be confirmed)

- ## Ad hoc meetings

  On TS 23.048 testing : 16-18 June 2003, Munich (Germany)
  hosted by Giesecke & Devrient

ETSI EP SCP #13

Madrid, Spain, 6 – 8 May 2003, hosted by
Microelectrónica Española

One new technical specification was approved:

TS 102 241 Rel-6 on: "UICC API for Java Card™"

One new technical report was approved:

TR 102 242 on: "Terminal - card interface: Considerations on robustness improvements"

Coming EP SCP plenary meeting:

SCP #14:   3 – 5 September 2003 in Sophia Antipolis, France, hosted by ETSI