

Status Report T3

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Chairman T3

TSG-T #8
Düsseldorf, 21 - 23 June 2000

Documents

- TP-000093: Status Report to TSG-T #8 (this document)
- TP-000094: CRs to TS 31.101 *UICC-Terminal Interface*
- TP-000095: CRs to TS 31.102 *USIM application*
- TP-000096: CRs to TS 31.111 *USIM Application Toolkit*
- TP-000097: CRs to TS 21.111 *USIM and IC card requirements*
- TP-000098: CRs to GSM 03.19 *SIM API - stage 2 - (Java™) and GSM 03.48 SIM toolkit secure messaging (stage 2)*
- TP-000099: New Work Items
- TP-000100: Background information on EP “newSMG9”
- TP-000101: LS on PLMN selector
- TP-000110: CR to TS 31.102 on addition of files for MExE

ETSI EP “newSMG9”

- ETSI Board #25 (29 March 2000) established EP “newSMG9” to become the central focus for the standardisation of a common IC Card platform for 2G and 3G mobile telecommunications systems (see TP-000100)
 - EP “newSMG9” succeeds ETSI STC SMG9 “IC card aspects”
- ETSI Board #25
 - approved a two step approach so that EP “newSMG9” could eventually become a formal Partnership Project between all standardisation bodies involved in mobile communications
 - and appointed Klaus Vedder as the Interim Chairman

ToR of EP “newSMG9” (TP-000100)

- Development and maintenance of a common (physical and logical) IC card platform for mobile telecommunication systems
- Development and maintenance of generic IC card standards for general telecommunication purposes
- Development and maintenance of IC card standards employing advanced security methods for telecom applications such as financial transactions over Mobile Telecommunication Networks (“mobile commerce”)
- Development and maintenance of ETSI specific IC card standards in the field of telecommunications

Working Requirements approved by Board #25

- R1** “newSMG9” meetings are open to all members of supporting committees
the Chairman of “newSMG9” is encouraged to exercise the chairman’s rights to invite participation in the initial stage from companies involved in the standardisation work for mobile communication systems in
3GPP, 3GPP2, ARIB, GAIT, T1P1, TR45
and others to be identified
- R2** Location of venues of “newSMG9” to reflect distribution of participants
- R3** ETSI to create an open area on ETSI server for documents

EP “newSMG9” Work Programme

- Creation of a core physical, electrical and logical specification to serve as the core specification (TS 102 221 based on 3G TS 31.101)
- Investigation of enhanced security to support mobile commerce
- Multi-application framework to support multiple access technology applications on the common platform
- Creation of an AID specification by merging ETSI TS 101 220 and 3G TS 31.110 and other such specifications
- Enhancement of the admin. commands specification (ETSI TS 102 222)
- Core toolkit specification based on GSM 11.14 and TS 31.111
- Creation of a suite of test specifications
- Standardisation of application features such as access technology selectors and a common phonebook
- Identification and investigation of new features and functionality such as transmission enhancements and the use of databases

Meetings

- TSG-T3 #14
 - 24 - 26 May 2000, Visby (Sweden)
hosted by Across Wireless, Telenor Mobil and Telia
 - 74 Delegates from 13 countries

- EP “newSMG9” #1
 - 22 - 24 May 2000, Visby (Sweden)
hosted by Across Wireless, Telenor Mobil and Telia
 - joint session with T3 on 24 May

CRs to TS 31.101

UICC - Terminal Interface; Physical and Logical Characteristics

- Corrections to Release 99 in TP-000094
 - 011: Error detection and character repetition
 - 012: Use of status codes 6200, 6400 and 6500
 - 013: P2 value for ACTIVATE and DEACTIVATE commands
 - 014: UICC characteristics byte concerning supply voltage classes
 - 015: Command parameters of ACTIVATE and DEACTIVATE
 - 016: File descriptor in file control parameters
 - 017: Selection by path of an ADF should be possible
 - 018r1: ATR examples: SELECT by partial AID and speed enhancement
 - 019: Align SEARCH RECORD text description with ISO/IEC 7816-9
 - 020: T=0 mechanism: clarifications of description
 - 022: Inclusion of procedures for Session Activation/Termination

CRs to 31.102

Characteristics of the USIM Application

- Corrections to Release 99 in TP-000095
 - 027r1: Indicator of preferred list for PLMN and access techn. Selection
 - it is proposed to approve this CR conditionally subject to approval of SR by TSG-S
 - 028: Removal of Enhanced User Identity Confidentiality
 - 029: Alignment with 33.102: change to counters for key lifetime
 - 030: File to store the last registered PLMN (RPLMN)
 - it is proposed to postpone this CR awaiting the outcome of the SA discussion
 - 031: Alignment with GSM 11.11 - CPBCCH inform. and Scan indicator
 - 032r2: Coding of “length of MNC” to cater for three digit MNCs
 - 033: Alignment with GSM 04.08 on LAI, RAI and CNL
 - 034: Deletion of EF(LOCIGSM) and EF(LOCIGPRS)
 - 035r1: Addition of files to be read at USIM initialisation
 - 036: Alignment with GSM 11.11 on PLMN selectors
 - it is proposed to postpone this CR awaiting the outcome of the SA discussion

CRs to 31.102 ctd. and Outstanding Issue

- 037: Alignment with 33.102 regarding key set identifier
- 038r2: Inclusion of Short File Identifiers and GSM directory
- 039: Support of voltage classes for a UICC holding a USIM
- 041: Alignment with 33.102 regarding conversion functions
- 042: Inclusion of procedures for Enabled Services Table
- 043: Application Session Activation/Deactivation Procedure

- CR to 31.102 in TP-00
 - 040: Support of root public keys (certificates) for MExE terminals
- specification of a new directory and data-fields

- Outstanding issue on Release 99
 - implementation of selection of last selected application will be finalised at the next meeting
 - S1 has clarified the service requirement but the issue needs further discussion within T3 as there are several proposals for inclusion in 31.101 or/and 31.102

CRs to 31.111

USIM Application Toolkit (USAT)

- Corrections to Release 99 in TP-000096
 - 001: Alignment with PROVIDE LOCAL INFORMATION command in GSM 11.14 Release 99
 - 003: Correction of SAT commands for using GPRS in bearer independent protocol feature
 - 004: Clarification of ME/SIM interface for bearer independent protocol feature

CRs to 21.111 and 03.19, 03.48

- 21.111 *USIM and IC Card Requirements*
 - CRs to Release 99 in TP-000097
 - 003: clarification of USIM application selection
 - 004: alignment with 33.102: (removal of) enhanced user identity confidentiality
- GSM 03.19 *SIM Applic. Programm. I/f (API) - stage 2 - (Java™)*
 - CR to Release 98 in TP-000098
 - A002r1: clarification of EVENT_Formatted_SMS_PP_UPD
- GSM 03.48 *SIM toolkit secure messaging (stage 2)*
 - CR to Release 98 in TP-000098
 - A011: definition of the TAR for the Card manager

Testing

- Test specifications on USIM and UICC/USIM interface
 - work funded by Partners (MCC Task 162)
 - work is advanced by two teams according to plan
 - version for information / approval to be presented to TSG-T #9 / #10
- Test specification for the USIM API
 - WI approved by TSG-T #7
 - first meeting to take place this week
 - version for information / approval to be presented to TSG-T #9 / #10

New Work Items (TP-000099)

- Inclusion of CPHS features
 - to allow use of additional functionality already implemented in GSM 1800 networks on a general scale
 - output: amendments to TS 31.102
 - secondary responsible: T2
 - TSG-T approval of CRs: December 2000 (T #10)

- Extension of GSM 03.48
 - support of PKI and additional bearers
 - output: amendments to GSM 03.48
 - TSG-T approval of CRs: December 2000 (T #10)

New Work Items ctd. (TP-000099)

- Standardisation of USIM Toolkit interpreter
 - to overcome the current situation of having a collection of proprietary specifications with a varying degree of service delivery and fraud resistance
 - TSG-T approval of new TS: December 2000
- TR on GSM / 3G inter-working with respect to the GSM and USIM application
 - to describe the co-existence of a GSM and a USIM application residing simultaneously on a UICC and the case when the USIM application provides GSM specific parameters in order for a multi-mode 3G/GSM terminal to access GSM radio networks
 - TSG-T approval of new TR: December 2000

Other Issues

- M. Kobayashi (Nippon Ericsson) resigned as rapporteur of TS 31.102

T3 thanked him for his contributions and managing to produce this specification in time for Release 99

- T3 agreed in principle to establish two working parties for
 - *Testing and Application Protocol Interface (API)*

Candidates for the position of WP Chairman are sought

- LS on PLMN selection in TP-000101
 - “newSMG9” believes that there is an urgent need for discussing this issue between the various committees involved in the standardisation of mobile communication systems so as to come to a general solution for the common smart card platform

Meeting Calendar

- TSG-T3 #15
 - 16 - 18 August 2000, San Diego, hosted by LG followed by “newSMG9” #2 (21-24 August 2000)
- TSG-T3 #16
 - 13 - 16 November 2000, Seoul, hosted by Samsung preceded by “newSMG9” #3 (08 -10 November 2000)

Decisions Required

- Approval of CRs to TS 31.101 (TP-000094)
- Approval of CRs to TS 31.102 (TP-000095 and TP-000110)
- Approval of CRs to TS 31.111 (TP-000096)
- Approval of CRs to TS 21.111 (TP-000097)
- Approval of CRs to GSM 03.19 and GSM 03.48 (TP-000098)
- Approval of new Work Items (TP-000099)

Acknowledge the transfer of ***contents of and future work on*** TS 31.101 to “newSMG9”