3GPP TSG-T (Terminals) Meeting #23
Phoenix, USA
10 - 12 March, 2004

TP-040027

Agenda Item: 5.3.3

Source: T3

Title: CR to TS 31.116: Remote APDU Structure for (U)SIM Toolkit applications

Document for: Approval

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This document contains the following change request that are approved by 3GPP TSG T3 and forwarded to 3GPP TSG T#23 for approval:

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
31.116	004	-	Rel-6	Clarification on the usage of SIM Remote File Management commands	C	6.3.0	6.4.0	T3-040120

CR-Form-v7

CHANGE REQUEST

⌘   **31.116 CR 004**   ⌘**rev**   **-**   ⌘ Current version: 6.3.0   ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects:	UICC apps⌘	X	ME		Radio Access Network		Core Network	

Title: ⌘	Clarification on the usage of SIM Remote File Management commands
Source: ⌘	T3
Work item code:⌘ TEI	***Date:*** ⌘ 10/02/2004

Category: ⌘ **C**	***Release:*** ⌘ Rel-6

Use one of the following categories:
    F *(correction)*
    A *(corresponds to a correction in an earlier release)*
    B *(addition of feature),*
    C *(functional modification of feature)*
    D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

Use one of the following releases:
    2   (GSM Phase 2)
    R96   (Release 1996)
    R97   (Release 1997)
    R98   (Release 1998)
    R99   (Release 1999)
    Rel-4   (Release 4)
    Rel-5   (Release 5)
    Rel-6   (Release 6)

Reason for change: ⌘	Alignment with SCP-030464 from SCP.
Summary of change:⌘	Alignement with SCP-030464 from SCP: - Clarification on the usage of the SIM RFM commmands - Clarify how response data are retrieved for a case 4 command - Modification of the behaviour when P3='00': For any case 2 command including READ BINARY and READ RECORD and for the GET RESPONSE command, if P3='00', then the UICC shall send back all available response parameters/data. The limitation of 256 bytes does not apply
Consequences if not approved: ⌘	

Clauses affected: ⌘	§ 5

	Y	N		
Other specs affected: ⌘			Other core specifications ⌘	
			Test specifications	
			O&M Specifications	

Other comments: ⌘	Linked to SCP2-030259

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

5   Remote File Management (RFM)

5.1   SIM Remote File Management

Command and Response formats are defined in TS 102 226 [5]. Nevertheless, the list of commands defined in TS 102 226 [5] for Remote File Management does not apply for SIM application. All the SIM Remote File Management commands are defined below.

5.1.1   SIM Input Commands

The standardised commands are listed in table 2. The commands are as defined in 3GPP TS 51.011 [1], except that the SELECT command is extended from the one in 3GPP TS 51.011 [1] to include "SELECT by path" as defined in ISO/IEC 7816-4 [6].

Table 2: Input SIM Remote File Management Commands

Operational command
SELECT
UPDATE BINARY
UPDATE RECORD
SEEK
INCREASE
VERIFY CHV
CHANGE CHV
DISABLE CHV
ENABLE CHV
UNBLOCK CHV
INVALIDATE
REHABILITATE
READ BINARY
READ RECORD

5.1.2   SIM Output Commands

The commands listed in table 3 are defined in 3GPP TS 51.011[1].

To retrieve the Response parameters/data of a case 4 command the GET RESPONSE command defined in TS 51.011 [1] shall be issued (Class Byte is 'A0').

The GET RESPONSE and any case 2 command (i.e. READ BINARY, READ RECORD) These commands shall only occur once in a command string and, if present, shall be the last command in the string. The Response Data shall be placed in the Additional Response Data element of the Response Packet. If SMS is being used, these should result in the generation of a single SM by the UICC.

Table 3: Output commands

Operational command
READ BINARY
READ RECORD
GET RESPONSE

If P3='00' in the GET RESPONSE command, then the UICC shall send back all available data.

If P3='00' in the READ RECORD command, then the UICC shall send back the whole record data.

If P3='00' in the READ BINARY command, then the UICC shall send back all data until the end of the file.

5.2   USIM Remote File Management

~~All~~ USIM Remote File Management shall comply with TS 102 226 [5].

The standardised commands are listed in TS 102 226 [5].

5.3   UICC Shared File System Remote File Management

UICC Shared File System Remote File Management shall comply with TS 102 226 [5].

The standardised commands are listed in TS 102 226 [5].