

Source: T3

Title: CR to TS 51.014 Rel-4:
Specification of the SIM ME Interface for the SIM application toolkit

Document for: Approval

This document contains the following change request:

Spec	CR	Re v	Phas e	Subject	Cat	new ver.	Doc-2nd- Level
51.014	004	-	Rel-4	Multiple inconsistency corrections	F	4.3.0	T3-030940

CHANGE REQUEST

51.014 CR 004 # rev **-** # Current version: **4.2.0**

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 ME Radio Access Network Core Network

Title:	# Multiple inconsistency corrections		
Source:	# T3		
Work item code:	# TEI	Date:	# 21/11/2003
Category:	# F	Release:	# Rel-4
	Use <u>one</u> 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 <u>one</u> 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: # The Access Technology and Display Parameters COMPREHENSION TLVs are defined in TS 102 223, sections 8.61 and 8.62. These TLVs are not included in the list of SIMPLE TLVs in TS 51.014, section 12. However, the TLVs are referenced in TS 51.014 from the Event Download definitions for Access Technology Change and Display Parameters Changed events (sections 11.12 and 11.13).

The Service Search, Get Service Information and Declare Service proactive commands are defined in TS 51.014, sections 6.6.32 – 34. However, other parts of TS 51.014 do not seem to have been updated accordingly:

- In TS 102 223, section 5.2, byte 12, bits 6 – 8 in the Terminal Profile are used for the Service Search, Get Service Information and Declare Service proactive commands. However, in TS 51.014, section 5.2, these bits are RFU.
- In TS 102 223, section 9.4, values '45' – '47' for Type of Command are used for the Service Search, Get Service Information and Declare Service proactive commands. However, in TS 51.014, section 13.4, values '45' – '47' for Type of Command are defined as reserved.

TS 51.014, sections 11.12 -14 define the "Access Technology Change", "Display parameters changed" and "Local Connection" events. However, other parts of TS 51.014 do not seem to have been updated accordingly:

- In TS 102 223, section 8.25, the "Access Technology Change", "Display parameters changed" and "Local Connection" events are represented by

	<p>codings of '0B', '0C' and '0D' in the Event List TLV. However, in TS 51.014, section 12.25, coding '0B' to 'FF' are RFU.</p> <ul style="list-style-type: none"> In TS 102 223, section 5.2, byte 6, bits 5 – 7 in the Terminal Profile are used for the "Access Technology Change", "Display parameters changed" and "Local Connection" events. In TS 51.014, section 5.2, these bits are RFU.
Summary of change: ⌘	<p>Terminal Profile updated for bytes 6 and 12.</p> <p>Event list is updated.</p> <p>Sections on Access Technology and Display parameter are inserted.</p> <p>The Type of command table is updated.</p>
Consequences if not approved: ⌘	<p>As some information are missing in 51.014, this can lead to wrong or incomplete implementations.</p>

Clauses affected: ⌘	5.2 – 6.6 – 12.25 – 12.XX (new) – 12.YY (new) – 13.4									
Other specs affected:	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> <tr> <td></td> <td>X</td> </tr> <tr> <td></td> <td>X</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>	Y	N		X		X		X	<p>Other core specifications ⌘</p> <p>Test specifications</p> <p>O&M Specifications</p>
	Y	N								
		X								
	X									
	X									
Other comments: ⌘										

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.

5.2 Structure and coding of TERMINAL PROFILE

Direction: ME to SIM

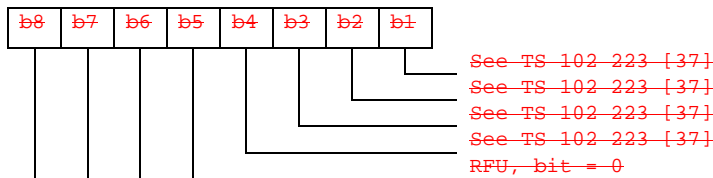
The command header is specified in TS 51.011 [20].

Command parameters/data:

Description	Section	M/O	Length
Profile	-	M	lgth

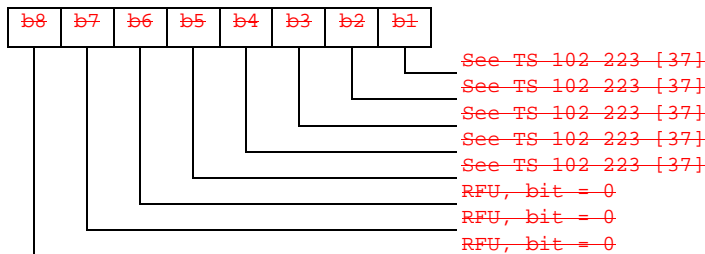
...

Sixth byte (Event driven information extensions): [see TS 102 223 \[37\]](#)



...

Twelfth byte (Bearer Independent protocol proactive commands (class "e")): [see TS 102 223 \[37\]](#)



[...]

6.6 Structure of proactive SIM commands

The general structure of proactive SIM commands using TLV objects is described in Annex D.

[The structure of the commands is described hereafter. For some commands, additionnal TLV objects are defined in TS 102 223 \[37\].](#)

[...]

12.25 Event list

[See TS 102 223 \[37\].](#)

~~Content and coding is defined TS 102 223 [37], with the following exception:~~

~~Coding of events:~~

~~—'0B' to 'FF' = RFU~~

[...]

[12.XX Access Technology](#)

[See TS 102 223 \[32\].](#)

[12.YY Display parameters](#)

[See TS 102 223 \[32\].](#)

[...]

13.4 Type of Command and Next Action Indicator

The table below shows the values which shall be used for Type of Command coding (see subclause 12.6) and Next Action Indicator coding (see subclause 12.24) in addition to those defined in TS 102 223 [37].

Value	Name	used for Type of Command coding	used for Next Action Indicator coding
'11'	SEND SS	X	X
'12'	SEND USSD	X	X
'45' to '47'	Reserved		