3GPP TSG-T (Terminals) Meeting #27
Tokyo, Japan, 9-11 March 2005

TP-050023

Agenda Item: 6.3.3

Source: T3

Title: CRs to TS 31.130

Document for: Approval

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This document contains the following change requests that are approved by 3GPP TSG T3 and forwarded to 3GPP TSG T#27 for approval:

Doc-2nd-Level	Spec	CR	Rev	Rel	Subject	Cat	Ver-old	Ver-new	WI
T3-050165	31.130	007		Rel-6	Correct the event types in Toolkit Constant from byte to short	TEI6	6.1.0	6.2.0	F
T3-050153	31.130	008		Rel-6	Handle of SMS PP answer	TEI6	6.1.0	6.2.0	F
T3-050187	31.130	009		Rel-7	Allow passing of specified status words through the (U)SAT Framework	TEI7	6.2.0	7.0.0	B

CR-Form-v7.1

CHANGE REQUEST

⌘ **31.130** CR **008** ⌘rev **-** ⌘ Current version: **6.1.0** ⌘

*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: ⌘	Envelope Response Handling description
Source: ⌘	T3
Work item code:⌘ TEI6	***Date:*** ⌘ 11/02/05

Category: ⌘ **F**   ***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:
Ph2   (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)
Rel-7   (Release 7)

Reason for change: ⌘	The chapter about Envelope Response Handling was left for further study whereas the feature is essential for handling of SMS-PP.
Summary of change:⌘	Describe the behaviour for Envelope Response Handling
Consequences if not approved: ⌘	Specification is incomplete and an essential feature is missing.

Clauses affected: ⌘	6.5

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

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.

6.5   Envelope response handling

For futher study. For the events defined in the present document, the following rules apply:

A Toolkit Applet can post a response by using the *post()* method or the *postAsBERTLV()* method defined in TS 102 241[2]. The (U)SAT Framework shall return the Status Word as defined in TS 31.111[7] and in TS 51.014[8] depending on the current NAA.

Case of *EVENT_MO_SHORT_MESSAGE_CONTROL_BY_NAA:*

The rules defined for *EVENT_CALL_CONTROL_BY_NAA* in TS 102 241[2] apply.

Case of *EVENT_UNFORMATTED_SMS_PP_ENV:*

See TS 102 241[2].

Case of *EVENT_FORMATTED_SMS_PP_ENV:*

When the *post()* or the *postAsBERTLV()* method is invoked, the (U)SAT Framework shall, according to bit 6 of the second octet of the SPI defined in TS 31.115[9], build a SMS-DELIVER-REPORT or a SMS-SUBMIT.

- In case of a SMS-DELIVER-REPORT, the (U)SAT Framework shall return the Status Word for RP-ACK or RP-ERROR as defined in TS 31.111[7] and in TS 51.014[8] depending on the current NAA.

- In case of SMS-SUBMIT the boolean value method parameter shall be ignored by the (U)SAT Framework. If the SMS-SUBMIT is to be used, the (U)SAT Framework shall build and issue a Send Short Message proactive command as defined in TS 31.111[7] and in TS 51.014[8] depending on the current NAA.

[…]

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CHANGE REQUEST

⌘ **31.130** CR **007** ⌘**rev** **-** ⌘ Current version: **6.1.0** ⌘

*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: ⌘	Correct the event types in ToolkitConstants from byte to short	
Source: ⌘	T3	
Work item code: ⌘	T.E.I.	*Date:* ⌘ 09/02/2005
Category: ⌘	**F**	*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.

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Ph2 *(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)*
Rel-7 *(Release 7)*

Reason for change: ⌘	All Events are coded on a short value
Summary of change: ⌘	Change the type of Event constant from byte to short
Consequences if not approved: ⌘	Interoperability problems

Clauses affected: ⌘			

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

Other comments: ⌘	

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package uicc.usim.toolkit;

/**

 * <code>ToolkitConstants</code> encapsulates constants related to the USAT Toolkit applets.

 *

 * @version   62.10.0

 * @author   3GPP T3 API

 */

public interface **ToolkitConstants** extends uicc.toolkit.ToolkitConstants {

  /** Event : Envelope SMS-PP Data Download (31.115 formatted) = 2   */

  public static final shortbyte EVENT_FORMATTED_SMS_PP_ENV   = (short)2;

   /** Event : Update Record EF sms APDU   (31.115 formatted) = 3   */

  public static final shortbyte EVENT_FORMATTED_SMS_PP_UPD   = (short)3;

  /** Event : Envelope SMS-PP Data Download unformatted sms = 4   */

  public static final shortbyte EVENT_UNFORMATTED_SMS_PP_ENV   = (short)4;

  /** Event : Update Record EFsms APDU   unformatted sms = 5   */

  public static final shortbyte EVENT_UNFORMATTED_SMS_PP_UPD   = (short)5;

  /** Event : Cell Broadcast Data Download = 6   */

  public static final shortbyte EVENT_UNFORMATTED_SMS_CB   = (short)6;

  /** Event : MO Short Message Control by SIM = 10   */

  public static final shortbyte EVENT_MO_SHORT_MESSAGE_CONTROL_BY_SIM   = (short)10;

  /** Event : Cell Broadcast Data Download Formatted = 24   */

  public static final shortbyte EVENT_FORMATTED_SMS_CB   = (short)24;

}

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CHANGE REQUEST

| ⌘ | **31.130** CR **009** | ⌘**rev** | **-** | ⌘ | Current version: | **6.1.0** | ⌘ |

*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: ⌘	Allow passing of specified status words through the (U)SAT Framework
Source: ⌘	T3
Work item code: ⌘	TEI6 **Date:** ⌘ 11/02/2005
Category: ⌘	**B** **Release:** ⌘ Rel-7

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:
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Rel-5	(Release 5)
Rel-6	(Release 6)
Rel-7	(Release 7)

Reason for change: ⌘	Currently it is not possible to reply the status word 6F XX to an Envelope (SMS PP Download) from the (U)SIM Java Card™ API
Summary of change: ⌘	Allow the passing of the status word 6F 00 through the toolkit framework
Consequences if not approved: ⌘	

Clauses affected: ⌘	New clause 6.1.1

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

Other comments: ⌘	

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6.1.1 Exception Handling

The following clause describes the handling of exceptions by the (U)SAT Framework in addition to the behaviour defined in TS 102 241[2] for the CAT Runtime Environment.

If an Applet triggered by EVENT_FORMATTED_SMS_PP_ENV event throws an ISOException with the reason code (0x6FXX), it shall be sent to the terminal.

Other Exceptions shall not be propagated to the terminal.