3GPP TSG-T (Terminals) Meeting #26
Athens, Greece
8 - 10 December 2004

TP-040265

Agenda Item: 5.3.3
Source: T3
Title: CRs to TS 31.130
Document for: approval

This document contains the following change requests that are approved by 3GPP TSG T3 and forwarded to 3GPP TSG T#26 for approval:

Doc-2nd-Level	Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Work item
T3-040769	31.130	004	-	Rel-6	Correction of non specific references	F	6.0.1	6.1.0	TEI6
T3-040855	31.130	001	-	Rel-6	Editorial cleaning	D	6.0.1	6.1.0	TEI6
T3-040856	31.130	002	-	Rel-6	Alignement with 102 241 regarding EnvelopeHandler methods	F	6.0.1	6.1.0	TEI6
T3-040857	31.130	003	-	Rel-6	Alignment with changes in 102 241	F	6.0.1	6.1.0	TEI6
T3-040874	31.130	005	-	Rel-6	Alignment with 31.102 for FID	F	6.0.1	6.1.0	TEI6
T3-040875	31.130	006	-	Rel-6	Alignment with 31.111 and 51.014 Terminal Profile constants	F	6.0.1	6.1.0	TEI6

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040769

CR-Form-v7.1

CHANGE REQUEST

⌘ **31.130** **CR** **004** ⌘ **rev** **-** ⌘ Current version: **6.0.1** ⌘

*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:	⌘	Correction of non specific references
Source:	⌘	T3
Work item code:	⌘	TEI6
Date:	⌘	19/11/2004
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 non specific references to ETSI SCP specifications has been updated to be specific
Summary of change:	⌘	Release 6 added to the referenced document
Consequences if not approved:	⌘	Unclear usage of references

Clauses affected:	⌘	2			
Other specs affected:	⌘	**Y**	**N**		⌘
			X	Other core specifications	
			X	Test specifications	
			X	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.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] ETSI TS 101 220: "Integrated Circuit Cards (ICC); ETSI numbering system for telecommunication; Application providers (AID)".

[2] ETSI TS 102 241: "UICC API for Java Card™" (Release 6)

[3] 3GPP TS 31.102: "Characteristics of the USIM Application".

[4] 3GPP TS 51.011: "Specification of the Subscriber Identity Module- Mobile Equipment (SIM – ME) interface" (Release 4).

[5] 3GPP TS 23.041: "Technical realization of Cell Broadcast Service (CBS)".

[6] ETSI TS 102 223: "Card Application Toolkit (CAT)". (Release 6)

[7] 3GPP TS 31.111: "USIM Application Toolkit (USAT)".

[8] 3GPP TS 51.014: "Specification of the SIM Application Toolkit for the Subscriber Identity Module – Mobile Equipment (SIM – ME) interface" (Release 4).

[9] 3GPP TS 31.115: "Secured packet structure for the (U)SIM Toolkit applications".

[10] 3GPP TS 23.040: "Technical realization of the Short Message Service (SMS)".

[11] Sun Microsystems Java Card™ Specification: "Java Card™ 2.2.1 Application Programming Interface".

[12] Sun Microsystems Java Card™ Specification : "Java Card™ 2.2.1 Runtime Environment (JCRE) Specification".

[13] Sun Microsystems Java Card™ Specification: "Java Card™ 2.2.1 Virtual Machine Specification".

SUN Java Card™ Specifications can be downloaded at http://java.sun.com/products/javacard

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040855

CR-Form-v7.1

CHANGE REQUEST

⌘ **31.130** **CR** **001** ⌘ **rev** **-** ⌘ Current version: **6.0.1** ⌘

*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:	⌘	Editorial cleaning
Source:	⌘	T3
Work item code:	⌘	TEI6
Date:	⌘	19/11/04
Category:	⌘	**D**
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:	⌘	Correction of editorial errors.
Summary of change:	⌘	Editorial corrections
Consequences if not approved:	⌘	

Clauses affected:	⌘	6.2, 6.3			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

How to create CRs using this form:
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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.

6.2 Definition of Events

The following events can trigger a Toolkit Applet in addition to the events defined in TS 102 241[2], all short values are reserved in TS 102 241[2]:

[…]

The order of the TLVs given in the *USATEnvelopeHandler* is not specified,

Note: To get each COMPREHE~~S~~NSION TLV, it is recommended that the applet uses the *ViewHandler.findTLV()* methods

EVENT_UNFORMATTED_SMS_PP_UPD

Upon reception of an unformatted Short Message Point to Point (Single or Concatenated) via UPDATE RECORD EF_{SMS} APDU, the (U)SAT Framework shall :

- update the EF_{SMS} file with the data received;
- convert the UPDATE RECORD EF_{SMS} APDU data into a COMPREHENSION TLV List (as described for *EVENT_FORMATTED_SMS_PP_UPD*);
- trigger all the Toolkit Applets registered to this event.

The content of EF_{SMS} may have been modified by a previously triggered Toolkit Applet..

EVENT_FORMATTED_SMS_CB, EVENT_UNFORMATTED_SMS_CB

The received Cell Broadcast Message, via an ENVELOPE (CELL BROADCAST DOWNLOAD) APDU as defined in TS 31.111[7] and TS 51.014[8] and, can be either:

- formatted according to TS 31.115 [9] or an other protocol to identify explicitly the toolkit applet for which the message is sent;
- unformatted (e.g. using a toolkit applet specific protocol), then the (U)SAT Framework will pass this data to all registered toolkit applets.

When the Cell Broadcast Message is received as multiple pages as defined in TS 23.041[5], it is the responsibility of the (U)SAT Framework to link single pages together to re-assemble the original message before any further processing. The original Cell Broadcast message shall be placed in one Cell Broadcast page TLV included in the *USATEnvelopeHandler*. The message parameters shall correspond to the ones in the last received Cell Broadcast page (independently of the Page Parameter).

EVENT_FORMATTED_SMS_CB

Upon reception of a TS 31.115[9] formatted Cell Broadcast message, the (U)SAT Framework shall:

- verify the security of the Cell Broadcast message as per TS 31.115[9];
- trigger the toolkit applet registered with the corresponding TAR;

When the toolkit applet is triggered, data shall be provided deciphered.

EVENT_UNFORMATTED_SMS_CB

Upon reception of an unformatted Cell Broadcast message, the (U)SAT Framework shall trigger all the Toolkit Applets registered to this event.

EVENT_MO_SHORT_MESSAGE_CONTROL_BY_NAA

Upon reception of an ENVELOPE (MO SHORT MESSAGE CONTROL defined in TS 51.014[8] and TS 31.111[7]) APDU as defined in TS 102 221[6] and TS 51.011[4] the (U)SAT Framework shall trigger the Toolkit Applet registered to this event. The (U)SAT Framework shall not allow more than one Toolkit Applet to be registered to this event at a time(e.g. if a Toolkit Applet is registered to this event but not in selectable state the (U)SAT Framework shall not allow another Toolkit Applet to register to this event).

The following events defined in TS 102 221[6] shall be raised upon reception of the corresponding APDU defined in either TS 51.011[4] or TS 102 221[6].

EVENT_PROFILE_DOWNLOAD

EVENT_MENU_SELECTION, EVENT_MENU_SELECTION_HELP_REQUEST

EVENT_CALL_CONTROL_BY_NAA

EVENT_TIMER_EXPIRATION

EVENT_EVENT_DOWNLOAD_MT_CALL

EVENT_EVENT_DOWNLOAD_CALL_CONNECTED

EVENT_EVENT_DOWNLOAD_CALL_DISCONNECTED

EVENT_EVENT_DOWNLOAD_LOCATION_STATUS

EVENT_EVENT_DOWNLOAD_USER_ACTIVITY

EVENT_EVENT_DOWNLOAD_IDLE_SCREEN_AVAILABLE

EVENT_EVENT_DOWNLOAD_CARD_READER_STATUS

EVENT_EVENT_DOWNLOAD_LANGUAGE_SELECTION

EVENT_EVENT_DOWNLOAD_BROWSER_TERMINATION

EVENT_EVENT_DOWNLOAD_ACCESS_TECHNOLOGY_CHANGE

EVENT_EVENT_DOWNLOAD_DISPLAY_PARAMETER_CHANGED

EVENT_EVENT_DOWNLOAD_LOCAL_CONNECTION

EVENT_EVENT_DOWNLOAD_DATA_AVAILABLE

EVENT_EVENT_DOWNLOAD_CHANNEL_STATUS

EVENT_STATUS_COMMAND

EVENT_UNRECOGNIZED_ENVELOPE

6.3 Registration

A Toolkit Applet shall register to events described in 6.2 as defined in TS 102 241[2].

Constants for these events are available in *uicc.usim.toolkit.ToolkitConstants* interface in Annex A.

The *uicc.toolkit.ToolkitException* TAR_NOT_DEFINED shall be thrown if a Toolkit Applet has no TAR defined and registers to events: EVENT_FORMATTED_SMS_PP_ENV, EVENT_FORMATTED_SMS_PP_UPD, EVENT_FORMATTED_SMS_CB.

The *uicc.toolkit.ToolkitException*.EVENT_ALREADY_REGISTERED shall be thrown if there is another Toolkit Applet already registered to *EVENT_MO_SHORT_MESSAGE_CONTROL_BY_NAA.*

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040856

CR-Form-v7.1

CHANGE REQUEST

⌘ **31.130** **CR** **002** ⌘ **rev** **-** ⌘ Current version: **6.0.1** ⌘

*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:	⌘	Alignement with 102 241 regarding EnvelopeHandler methods
Source:	⌘	Oberthur Card Systems
Work item code:	⌘	TEI6
Date:	⌘	19/11/04
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 method getEnvelopeTAG is no more present in EnvelopeHandler interface
Summary of change:	⌘	Replace getEnvelopeTag with getTag
Consequences if not approved:	⌘	Incorrect specification

Clauses affected:	⌘	6.2			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

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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.

6.2 Definition of Events

[…]

EVENT_FORMATTED_SMS_PP_UPD

Upon reception of a TS 31.115[9] formatted Short Message Point to Point (Single or Concatenated) via an UPDATE RECORD EF_{SMS}, the (U)SAT Framework shall:

- update the EF_{SMS} file with the data received, it is then up to the receiving toolkit applet to change the SMS stored in the file (i.e. the toolkit applet need to have access to the EF_{SMS} file)
- verify the security of the Short Message as per TS 31.115[9];
- convert the UPDATE RECORD EF_{SMS} APDU into a COMPREHENSION TLV List;
- trigger the toolkit applet registered with the corresponding TAR;

When the toolkit applet is triggered, data shall be provided deciphered.

The *USATEnvelopeHandler* provided to the applet shall:

- return *BTAG_SMS_PP_DOWNLOAD* to the *get~~Envelope~~Tag()* method call**;**
- return the Comprehension TLV list length to the *getLength( )* method call;

[…]

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040857

CR-Form-v7.1

CHANGE REQUEST

⌘ **31.130** **CR** **003** ⌘ **rev** **-** ⌘ Current version: **6.0.1** ⌘

*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:	⌘	Alignment with changes in 102 241
Source:	⌘	Oberthur Card Systems
Work item code:	⌘	TEI6
Date:	⌘	19/11/04
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:	⌘	Some events have been added in TS 102 241. These changes are not reflected in this specification
Summary of change:	⌘	Add the new events from TS 102 241. Re ordering of the events as they are listed in TS 102 241.
Consequences if not approved:	⌘	Inconsistency with SCP specifications

Clauses affected:	⌘	6.2			
		Y	**N**		
Other specs affected:	⌘		X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

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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.

6.2 Definition of Events

[…]

The following events defined in TS 102 221[6] shall be raised upon reception of the corresponding APDU defind in either TS 51.011[4] or 102 221[6].

EVENT_PROFILE_DOWNLOAD

EVENT_MENU_SELECTION, EVENT_MENU_SELECTION_HELP_REQUEST

EVENT_CALL_CONTROL_BY_NAA

EVENT_TIMER_EXPIRATION

EVENT_EVENT_DOWNLOAD_MT_CALL

EVENT_EVENT_DOWNLOAD_CALL_CONNECTED

EVENT_EVENT_DOWNLOAD_CALL_DISCONNECTED

EVENT_EVENT_DOWNLOAD_LOCATION_STATUS

EVENT_EVENT_DOWNLOAD_USER_ACTIVITY

EVENT_EVENT_DOWNLOAD_IDLE_SCREEN_AVAILABLE

EVENT_EVENT_DOWNLOAD_CARD_READER_STATUS

EVENT_STATUS_COMMAND

EVENT_EVENT_DOWNLOAD_LANGUAGE_SELECTION

EVENT_EVENT_DOWNLOAD_BROWSER_TERMINATION

EVENT_EVENT_DOWNLOAD_DATA_AVAILABLE

EVENT_EVENT_DOWNLOAD_CHANNEL_STATUS

EVENT_EVENT_DOWNLOAD_ACCESS_TECHNOLOGY_CHANGE

EVENT_EVENT_DOWNLOAD_DISPLAY_PARAMETER_CHANGED

EVENT_EVENT_DOWNLOAD_LOCAL_CONNECTION

~~*EVENT_EVENT_DOWNLOAD_DATA_AVAILABLE*~~

~~*EVENT_EVENT_DOWNLOAD_CHANNEL_STATUS*~~

EVENT_EVENT_DOWNLOAD_NETWORK_SEARCH_MODE_CHANGE

EVENT_EVENT_DOWNLOAD_BROWSING_STATUS

EVENT_PROACTIVE_HANDLER_AVAILABLE

EVENT_EXTERNAL_FILE_UPDATE

EVENT_FIRST_COMMAND_AFTER_ATR

~~*EVENT_STATUS_COMMAND*~~

EVENT_UNRECOGNIZED_ENVELOPE

[…]

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040874

CR-Form-v7.1

CHANGE REQUEST

⌘ **31.130** **CR** **005** ⌘ **rev** **-** ⌘ Current version: **6.0.1** ⌘

*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:	⌘	Alignment with 31.102 for FID
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	19/11/04
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 FID described here are not in line with the recent changes in 31.102
Summary of change:	⌘	Add, correct the FID given
Consequences if not approved:	⌘	Incorrect and inconsistent specification

Clauses affected:	⌘	USIMConstants.java			
Other specs affected:	⌘	**Y**	**N**		
		[ ]	[ ]	Other core specifications	⌘
		[ ]	[ ]	Test specifications	
		[ ]	[ ]	O&M Specifications	
Other comments:	⌘				

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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.

File : USIMConstants.java

```
//-------------------------------------------------------------------------
// PACKAGE DEFINITION
//-------------------------------------------------------------------------
package uicc.usim.access;


//-------------------------------------------------------------------------
// IMPORTS
//-------------------------------------------------------------------------


/**
 * The <b>USIMConstants interface</b> hold all the constants defined in 3GPP TS 31.102
 *
 * @version    2.0.0
 * @author     3GPP TSG-T WG3
 */
public interface USIMConstants {


    // ------------------------------ Constants -----------------------------
    /**
     * File identifier : MF = 0x3F00
     */
    public final static short FID_MF = (short) 0x3F00;


    /**
     * File identifier : ADF = 0x7FFF
     */
    public final static short FID_ADF = (short) 0x7FFF;


    /**
     * EF under USIM ADF *
     */
    /**
```

```
 * File identifier : EF LI = 0x6F05 (under ADF)
 */
public final static short FID_EF_LI = (short) 0x6F05;
/**
 * File identifier : EF IMSI = 0x6F07 (under ADF)
 */
public final static short FID_EF_IMSI = (short) 0x6F07;
/**
 * File identifier : EF KEYS = 0x6F08 (under ADF)
 */
public final static short FID_EF_KEYS = (short) 0x6F08;
/**
 * File identifier : EF KEYSPS = 0x6F09 (under ADF)
 */
public final static short FID_EF_KEYSPS = (short) 0x6F09;
/**
 * File identifier : EF PLMNwACT = 0x6F60 (under ADF)
 */
public final static short FID_EF_PLMNWACT = (short) 0x6F60;
/**
 * File identifier : EF HPPLMN = 0x6F3105 (under ADF)
 */
public final static short FID_EF_HPPLMN = (short) 0x6F31;
/**
 * File identifier : EF ACMMAX = 0x6F37 (under ADF)
 */
public final static short FID_EF_ACMMAXY = (short) 0x6F37;
/**
 * File identifier : EF UST = 0x6F38 (under ADF)
 */
public final static short FID_EF_UST = (short) 0x6F38;
/**
 * File identifier : EF ACM = 0x6F39 (under ADF)
```

```
 */
public final static short FID_EF_ACM = (short) 0x6F39;
/**
 * File identifier : EF GID1 = 0x6F3E (under ADF)
 */
public final static short FID_EF_GID1 = (short) 0x6F3E;
/**
 * File identifier : EF GID2 = 0x6F3F (under ADF)
 */
public final static short FID_EF_GID2 = (short) 0x6F3F;
/**
 * File identifier : EF SPN = 0x6F46 (under ADF)
 */
public final static short FID_EF_SPN = (short) 0x6F46;
/**
 * File identifier : EF PUCT = 0x6F41 (under ADF)
 */
public final static short FID_EF_PUCT = (short) 0x6F41;
/**
 * File identifier : EF CBMI = 0x6F45 (under ADF)
 */
public final static short FID_EF_CBMI = (short) 0x6F45;
/**
 * File identifier : EF ACC = 0x6F78 (under ADF)
 */
public final static short FID_EF_ACC = (short) 0x6F78;
/**
 * File identifier : EF FPLMN = 0x6F7B (under ADF)
 */
public final static short FID_EF_FPLMN = (short) 0x6F7B;
/**
 * File identifier : EF LOCI = 0x6F7E (under ADF)
 */
```

```
public final static short FID_EF_LOCI = (short) 0x6F7E;
/**
 * File identifier : EF AD = 0x6FAD (under ADF)
 */
public final static short FID_EF_AD = (short) 0x6FAD;
/**
 * File identifier : EF CBMID = 0x6F48 (under ADF)
 */
public final static short FID_EF_CBMID = (short) 0x6F48;
/**
 * File identifier : EF ECC = 0x6FB7 (under ADF)
 */
public final static short FID_EF_ECC = (short) 0x6FB7;
/**
 * File identifier : EF CBMIR = 0x6F50 (under ADF)
 */
public final static short FID_EF_CBMIR = (short) 0x6F50;
/**
 * File identifier : EF PSLOCI = 0x6F73 (under ADF)
 */
public final static short FID_EF_PSLOCI = (short) 0x6F73;
/**
 * File identifier : EF FDN = 0x6F3B (under ADF)
 */
public final static short FID_EF_FDN = (short) 0x6F3B;
/**
 * File identifier : EF SMS = 0x6F3C (under ADF)
 */
public final static short FID_EF_SMS = (short) 0x6F3C;
/**
 * File identifier : EF MSISDN = 0x6F40 (under ADF)
 */
public final static short FID_EF_MSISDN = (short) 0x6F40;
```

```
/**
 * File identifier : EF SMSP = 0x6F42 (under ADF)
 */
public final static short FID_EF_SMSP = (short) 0x6F42;
/**
 * File identifier : EF SMSS = 0x6F43 (under ADF)
 */
public final static short FID_EF_SMSS = (short) 0x6F43;
/**
 * File identifier : EF SDN = 0x6F49 (under ADF)
 */
public final static short FID_EF_SDN = (short) 0x6F49;
/**
 * File identifier : EF EXT2 = 0x6F4B (under ADF)
 */
public final static short FID_EF_EXT2 = (short) 0x6F4B;
/**
 * File identifier : EF EXT3 = 0x6F4C (under ADF)
 */
public final static short FID_EF_EXT3 = (short) 0x6F4C;
/**
 * File identifier : EF SMSR = 0x6F47 (under ADF)
 */
public final static short FID_EF_SMSR = (short) 0x6F47;
/**
 * File identifier : EF ICI = 0x6F80 (under ADF)
 */
public final static short FID_EF_ICI = (short) 0x6F80;
/**
 * File identifier : EF OCI = 0x6F81 (under ADF)
 */
public final static short FID_EF_OCI = (short) 0x6F81;
/**
```

```
 * File identifier : EF ICT = 0x6F82 (under ADF)
 */
public final static short FID_EF_ICT = (short) 0x6F82;
/**
 * File identifier : EF OCT = 0x6F83 (under ADF)
 */
public final static short FID_EF_OCT = (short) 0x6F83;
/**
 * File identifier : EF EXT5 = 0x6F4E (under ADF)
 */
public final static short FID_EF_EXT5 = (short) 0x6F4E;
/**
 * File identifier : EF CCP2 = 0x6F4F (under ADF)
 */
public final static short FID_EF_CCP2 = (short) 0x6F4F;
/**
 * File identifier : EF EMLPP = 0x6FB5 (under ADF)
 */
public final static short FID_EF_EMLPP = (short) 0x6FB5;
/**
 * File identifier : EF AAEM = 0x6FB6 (under ADF)
 */
public final static short FID_EF_AAEM = (short) 0x6FB6;
/**
 * File identifier : EF HIDDENKEY = 0x6FC3 (under ADF)
 */
public final static short FID_EF_HIDDENKEY = (short) 0x6FC3;
/**
 * File identifier : EF BDN = 0x6F4D (under ADF)
 */
public final static short FID_EF_BDN = (short) 0x6F4D;
/**
 * File identifier : EF EXT4 = 0x6F55 (under ADF)
```

```
 */
public final static short FID_EF_EXT4 = (short) 0x6F55;
/**
 * File identifier : EF CMI = 0x6F58 (under ADF)
 */
public final static short FID_EF_CMI = (short) 0x6F58;
/**
 * File identifier : EF EST = 0x6F56 (under ADF)
 */
public final static short FID_EF_EST = (short) 0x6F56;
/**
 * File identifier : EF ACL = 0x6F57B6 (under ADF)
 */
public final static short FID_EF_ACL = (short) 0x6F57;
/**
 * File identifier : EF DCK = 0x6F2C (under ADF)
 */
public final static short FID_EF_DCK = (short) 0x6F2C;
/**
 * File identifier : EF CNL = 0x6F32 (under ADF)
 */
public final static short FID_EF_CNL = (short) 0x6F32;
/**
 * File identifier : EF START-HFN = 0x6F5B (under ADF)
 */
public final static short FID_EF_START_HFN = (short) 0x6F5B;
/**
 * File identifier : EF THRESHOLD = 0x6F5C (under ADF)
 */
public final static short FID_EF_THRESHOLD = (short) 0x6F5C;
/**
 * File identifier : EF OPLMNWACT = 0x6F61 (under ADF)
 */
```

```
public final static short FID_EF_OPLMNWACT = (short) 0x6F61;
/**
 * File identifier : EF HPLMNWACT = 0x6F62 (under ADF)
 */
public final static short FID_EF_HPLMNWACT = (short) 0x6F62;
/**
 * File identifier : EF ARR = 0x6F06 (under ADF)
 */
public final static short FID_EF_ARR = (short) 0x6F06;
/**
 * File identifier : EF RPLMNACT = 0x6F65 (under ADF)
 */
public final static short FID_EF_RPLMNACT = (short) 0x6F65;
/**
 * File identifier : EF NETPAR = 0x6FC4 (under ADF)
 */
public final static short FID_EF_NETPAR = (short) 0x6FC4;
/**
 * File identifier : EF PNN = 0x6FC5 (under ADF)
 */
public final static short FID_EF_PNN = (short) 0x6FC5;
/**
 * File identifier : EF OPL = 0x6FC6 (under ADF)
 */
public final static short FID_EF_OPL = (short) 0x6FC6;
/**
 * File identifier : EF MBDN = 0x6FC7 (under ADF)
 */
public final static short FID_EF_MBDN = (short) 0x6FC7;
/**
 * File identifier : EF EXT6 = 0x6FC8 (under ADF)
 */
public final static short FID_EF_EXT6 = (short) 0x6FC8;
```

```
    /**
     * File identifier : EF MBI = 0x6FC9 (under ADF)
     */
    public final static short FID_EF_MBI = (short) 0x6FC9;
    /**
     * File identifier : EF MBDN = 0x6FC7 (under ADF)
     */
    //public static final short FID_EF_MBDN = (short) 0x6FC7; /check this
    /**
     * File identifier : EF MWIS = 0x6FCA (under ADF)
     */
    public final static short FID_EF_MWIS = (short) 0x6FCA;
    /**
     * File identifier : EF CFIS = 0x6FCB (under ADF)
     */
    public final static short FID_EF_CFIS = (short) 0x6FCB;
    /**
     * File identifier : EF EXT7 = 0x6FCC (under ADF)
     */
    public final static short FID_EF_EXT7 = (short) 0x6FCC;
    /**
     * File identifier : EF SPDI = 0x6FCD7 (under ADF)
     */
    public final static short FID_EF_SPDI = (short) 0x6FCD;
    /**
     * File identifier : EF MMSN = 0x6FCE (under ADF)
     */
    public final static short FID_EF_MMSN = (short) 0x6FCE;
    /**
     * File identifier : EF EXT8 = 0x6FCF (under ADF)
     */
    public final static short FID_EF_EXT8 = (short) 0x6FCF;
    /**
```

```
     * File identifier : EF MMSICP = 0x6FD0 (under ADF)
     */
    public final static short FID_EF_MMSICP = (short) 0x6FD0;
    /**
     * File identifier : EF MMSUP = 0x6FD1 (under ADF)
     */
    public final static short FID_EF_MMSUP = (short) 0x6FD1;
    /**
     * File identifier : EF MMSUCP = 0x6FD2 (under ADF)
     */
    public final static short FID_EF_MMSUCP = (short) 0x6FD2;
    /**
     * File identifier : EF NIA= 0x6FD3 (under ADF)
     */
    public final static short FID_EF_NIA = (short) 0x6FD3;
    /**
     * File identifier : EF VGCS= 0x6FB1 (under ADF)
     */
    public final static short FID_EF_VGCS = (short) 0x6FB1;
    /**
     * File identifier : EF VGCSS= 0x6FB2 (under ADF)
     */
    public final static short FID_EF_VGCSS = (short) 0x6FB2;
    /**
     * File identifier : EF VBS= 0x6FB3 (under ADF)
     */
    public final static short FID_EF_VBS = (short) 0x6FB3;
    /**
     * File identifier : EF VBSS= 0x6FB4 (under ADF)
     */
    public final static short FID_EF_VBSS = (short) 0x6FB4;
    /**
     * File identifier : EF VGCSCA= 0x6FD4 (under ADF)
```

```
    */
    public final static short FID_EF_VGCSCA = (short) 0x6FD4;
    /**
     * File identifier : EF VBSCA= 0x6FD5 (under ADF)
     */
    public final static short FID_EF_VBSCA = (short) 0x6FD5;
    /**
     * File identifier : EF GBABP= 0x6FD6 (under ADF)
     */
    public final static short FID_EF_GBABP = (short) 0x6FD6;
    /**
     * File identifier : EF MSK= 0x6FD7 (under ADF)
     */
    public final static short FID_EF_MSK = (short) 0x6FD7;
    /**
     * File identifier : EF MUK= 0x6FD8 (under ADF)
     */
    public final static short FID_EF_MUK = (short) 0x6FD8;


    /**
     * DF at the USIM ADF level *
     */
    /**
     * File identifier : DF PHONEBOOK = 0x5F3A
     */
    public final static short FID_DF_PHONEBOOK = (short) 0x5F3A;
    /**
     * File identifier : DF GSM ACCESS = 0x5F3B
     */
    public final static short FID_DF_GSM_ACCESS = (short) 0x5F3B;
    /**
     * File identifier : DF MEXE = 0x5F3C
     */
```

```
    public final static short FID_DF_MEXE = (short) 0x5F3C;
    /**
     * File identifier : DF WLAN = 0x5F40
     */
    public final static short FID_DF_WLAN = (short) 0x5F40;
    /**
     * File identifier : DF SOLSA = 0x5F70

     */
    public final static short FID_DF_SOLSA = (short) 0x5F70;
    /**
     * EF at the DF SOLSA level *
     */
    /**
     * File identifier : EF SAI= 0x4F30 (under DF SOLSA)
     */
    public final static short FID_EF_SAI = (short) 0x4F30;
    /**
     * File identifier : EF SLL= 0x4F31 (under DF SOLSA)
     */
    public final static short FID_EF_SLL = (short) 0x4F31;

    /**
     * EF at the DF PHONEBOOK level *
     */
    /**
     * File identifier : EF EXT7 PBR = 0x4F306FCC (under DF PHONEBOOK)
     */
    public final static short FID_EF_PBR = (short) 0x4F30;
    /**
     * File identifier : EF PSC = 0x4F22 (under DF PHONEBOOK)
     */
    public final static short FID_EF_PSC = (short) 0x4F22;
```

```
    /**
     * File identifier : EF CC = 0x4F23 (under DF PHONEBOOK)
     */
    public final static short FID_EF_CC = (short) 0x4F23;
    /**
     * File identifier : EF PUID = 0x4F24 (under DF PHONEBOOK)
     */
    public final static short FID_EF_PUID = (short) 0x4F24;


    /**
     * EF at the DF GSM ACCESS level *
     */
    /**
     * File identifier : EF KC = 0x4F202 (under DF GSM ACCESS)
     */
    public final static short FID_EF_KC = (short) 0x4F20;
    /**
     * File identifier : EF KCGPRS = 0x4F52 (under DF GSM ACCESS)
     */
    public final static short FID_EF_KCGPRS = (short) 0x4F52;
    /**
     * File identifier : EF CPBCCH = 0x4F63 (under DF GSM ACCESS)
     */
    public final static short FID_EF_CPBCCH = (short) 0x4F63;
    /**
     * File identifier : EF INVSCAN = 0x4F64 (under DF GSM ACCESS)
     */
    public final static short FID_EF_INVSCAN = (short) 0x4F64;


    /**
     * EF at the DF MEXE level *
     */
    /**
```

```
     * File identifier : EF MEXEST = 0x4F40 (under DF MEXEGSM)
     */
    public final static short FID_EF_MEXEST = (short) 0x4F40;
    /**
     * File identifier : EF ORPK = 0x4F41 (under DF MEXEGSM)
     */
    public final static short FID_EF_ORPK = (short) 0x4F41;
    /**
     * File identifier : EF ARPK = 0x4F42 (under DF MEXEGSM)
     */
    public final static short FID_EF_ARPK = (short) 0x4F42;
    /**
     * File identifier : EF TRPRK = 0x4F43 (under DF MEXEGSM)
     */
    public final static short FID_EF_TRPRK = (short) 0x4F43;


    /**
     * EF at the DF WLAN level *
     */
    /**
     * File identifier : EF PSEUDO = 0x4F41 (under DF WLAN)
     */
    public final static short FID_EF_PSEUDO = (short) 0x4F41;
    /**
     * File identifier : EF UPLMNWLAN = 0x4F42 (under DF WLAN)
     */
    public final static short FID_EF_UPLMNWLAN = (short) 0x4F42;
    /**
     * File identifier : EF OPLMNWLAN = 0x4F43 (under DF WLAN)
     */
    public final static short FID_EF_OPLMNWLAN = (short) 0x4F43;
    /**
     * File identifier : EF UWSIDL = 0x4F44 (under DF WLAN)
```

```
    */
    public final static short FID_EF_UWSIDL = (short) 0x4F44;
    /**
     * File identifier : EF OWSIDL = 0x4F45 (under DF WLAN)
    */
    public final static short FID_EF_OWSIDL = (short) 0x4F45;
    /**
     * File identifier : EF WRI = 0x4F46 (under DF WLAN)
    */
    public final static short FID_EF_WRI = (short) 0x4F46;


    /**
     * EF under DF TELECOM *
    */
    /**
     * File identifier : EF ADN = 0x6F3A (under DF TELECOM)
    */
    public final static short FID_EF_ADN = (short) 0x6F3A;
    /**
     * File identifier : EF EXT1 = 0x6F4A (under DF TELECOM)
    */
    public final static short FID_EF_EXT1 = (short) 0x6F4A;
    /**
     * File identifier : EF ECCP = 0x6F4F (under DF TELECOM)
    */
    public final static short FID_EF_ECCP = (short) 0x6F4F;
    /**
     * File identifier : EF SUME = 0x6F54 (under DF TELECOM)
    */
    public final static short FID_EF_SUME = (short) 0x6F54;


    /**
     * DF at the DF TELECOM level *
```

```
    */
    /**
     * File identifier : DF GRAPHICS = 0x5F50
     */
    public final static short FID_DF_GRAPHICS = (short) 0x5F50;
    /**
     * File identifier : DF MULTIMEDIA = 0x5F3B
     */
    public final static short FID_DF_MULTIMEDIA = (short) 0x5F3B;


    /**
     * EF under DF GRAPHICS *
     */
    /**
     * File identifier : EF IMG = 0x4F20 (under DF GRAPHICS)
     */
    public final static short FID_EF_IMG = (short) 0x4F20;


    /**
     * EF under DF MULTIMEDIA *
     */
    /**
     * File identifier : EF MML = 0x4F47 (under DF MULTIMEDIA)
     */
    public final static short FID_EF_MML = (short) 0x4F47;
    /**
     * File identifier : EF MMDF = 0x4F48 (under DF MULTIMEDIA)
     */
    public final static short FID_EF_MMDF = (short) 0x4F48;
}
```

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040875

CR-Form-v7.1

CHANGE REQUEST

⌘ **31.130** **CR** **006** ⌘ **rev** **-** ⌘ Current version: **6.0.1** ⌘

*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:	⌘	Alignment with 31.111 and 51.014 Terminal Profile constants
Source:	⌘	T3
Work item code:	⌘	TEI6
Date:	⌘	19/11/04
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:	⌘	Some constants related to profile in TS 51.014 are incorrect and constants related to profile in TS 31.111 are missing
Summary of change:	⌘	Correct constants related to TS 51.014 Add constants related to TS 31.111
Consequences if not approved:	⌘	Incomplete and incorrect specification

Clauses affected:	⌘	USATTerminalProfile.java			
Other specs affected:	⌘	**Y**	**N**		
		[ ]	[ ]	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.

file : USATTerminalProfile.java

```
//-----------------------------------------------------------------------------

// PACKAGE DEFINITION

//-----------------------------------------------------------------------------

package uicc.usim.toolkit;


//-----------------------------------------------------------------------------

// IMPORTS

//-----------------------------------------------------------------------------


/**

 * The <code>~~SIMTerminalProfile~~USATTerminalProfile</code> interface contains constants for the Terminal Profile according to TS 51.014 and to TS 31.111

 *

 ~~* @version  2.0.0~~

 ~~* @author~~ 3GPP T3~~ API~~

 * @see uicc.toolkit.TerminalProfile

 */

public interface USATTerminalProfile {


    /**

     * SMS PP Data Download ~~index~~ = 1

     */

    public final static short IDX_SMS_PP_DATA_DOWNLOAD = (short) 1;

    /**

     * Cell Broadcast Data Download ~~index~~ = 2

     */

    public final static short IDX_CELL_BROADCAST_DATA_DOWNLOAD = (short) 2;

    /**

     * '9EXX' response code for SIM data download error = 4

     */

     public final static short IDX_9EXX_RESPONSE = (short)4;

    /**

     * USSD string data object supported in Call Control = 6

     */
```

```
public static final short IDX_USSD_SUPPORT_IN_CALL_CONTROL = (short)6;
/**
 * Envelope Call Control always sent to the SIM during automatic redial mode = 7
 */
public final static short IDX_CALL_CONTROLL_AUTOMATIC_REDIAL_MODE = (short) 7;
/**
 * Call Control by SIM = 9
 */
public final static short IDX_CALL_CONTROL~~L~~_BY_SIM = (short)9;
/**
 * Cell identity included in Call Control by SIM = 10
 */
public final static short IDX_CELL_IDENTITY_IN_CALL_CONTROL~~L~~_BY_SIM = (short)10;
/**
 * MO short message control by SIM  = 11
 */
public final static short IDX_MO_SM_CONTROL~~L~~_BY_SIM = (short)11;
/**
 * Handling of the alpha identifier  = 12
 */
 public static final short IDX_HANDLING_OF_ALPHA_IDENTIFIER = (short)12;
/**
 * Proactive SIM: SEND SHORT MESSAGE = 25
 */
 public static final short IDX_PROACTIVE_SIM_SEND_SHORT_MESSAGE = (short)25;
/**
 * Proactive SIM: SEND SS  = 26
 */
public final static short IDX_PROACTIVE_SIM_SEND_SS = (short) 26;
/**
 * Proactive SIM: SEND USSD = 27
 */
 public final static short IDX_PROACTIVE_SIM_SEND_USSD = (short)27;
 /**
  * Proactive UICC: PROVIDE LOCAL INFORMATION - NMR = 31
```

```
    */
    public final static short IDX_PROACTIVE_UICC_PROVIDE_LOCAL_INFORMATION_NMR = (short)31;
    /**
     * Binary choice in GET INKEY = 59
     */
    public final static short IDX_BINARY_CHOICE_IN_GET_INKEY = (short)59;
    /**
     * 2nd alpha identifier in SET UP CALL = 62
     */
    public final static short IDX_2ND_ALPHA_IDENTIFIER_SET_UP_CALL = (short)62;
    /**
     * 2nd capability configuration parameter = 63
     */
    public static final short IDX_2ND_CAPABILITY_PARAMETER = (short)63;
    /**
     * Proactive SIM: PROVIDE LOCAL INFORMATION - BCCH  = 66
     */
    public final static short IDX_PROACTIVE_SIM_PROVIDE_LOCAL_INFORMATION_BCCHNMR = (short) 66;
    /**
     * Proactive SIM: PROVIDE LOCAL INFORMATION (Timing Advance)  = 68
     */
    public final static short IDX_PROACTIVE_SIM_TIMING_ADVANCE = (short) 68;
    /**
     * CALL Control on GPRS = 141
     */
    public final static short IDX_CALL_CONTROL_ON_GPRS = (short) 141;
    /**
     * Support of UTRAN PS with extended parameters = 168
     */
    public final static short IDX_EXTENDED_PARAMETERS_IN_UTRAN_PS_ = (short) 168;
    /**
     * Proactive UICC: PROVIDE LOCAL INFORMATION – NMR(UTRAN) = 173
     */
    public final static short IDX_PROACTIVE_UICC_PROVIDE_LOCAL_INFORMATION_NMR_UTRAN =
(short) 173;
```

```
    /**
     * USSD Data Download and application mode= 174
     */
    public final static short IDX_USSD_DATA_DOWNLOAD_AND_APPLICATION_MODE = (short) 174;
}
```