3GPP TSG-T (Terminals) Meeting #17
Biarritz, France   4 – 6 September 2002

Tdoc TP-020214

Source: T3

Title: Change Requests to TS 31.114

Document for: Approval

This document contains one change request as follows:

T3 Doc	Spec	CR	Rv	Rel	Cat	Subject
T3-020692	31.114	003	-	Rel-5	F	Handling of operational pull messages and post mode

<table>
<tr><td colspan="6" align="right">CR-Form-v7</td></tr>
<tr><td colspan="6" align="center">CHANGE REQUEST</td></tr>
</table>

| ⌘ | **31.114** CR **003** | ⌘**rev** | **-** | ⌘ | Current version: | **5.1.0** | ⌘ |

*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: ⌘	Handling of operational pull messages and post mode	
Source: ⌘	T3	
Work item code: ⌘	USAT1-Interpr	***Date:*** ⌘ 21/08/2002
Category: ⌘ **F**		***Release:*** ⌘ Rel-5

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 <u>TR 21.900</u>.

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: ⌘	According to the modes of operation as specified in TS 31.112 the USAT Interpreter shall not accept received pull mode messages without beeing in wait state. Therefore, pull mode messages do make sense only, if a RequestID TLV is present in the pull mode message.
Summary of change: ⌘	Explain the use of the RequestID. Make the RequestID TLV mandatory for received pull mode messages.
Consequences if not approved: ⌘	Possibly incompatible implementations of the USAT Interpreter.

Clauses affected: ⌘	5.4.1.2, 5.5.1, 5.5.1.2

		Y	N		
Other specs ⌘		X		Other core specifications ⌘	Corresponding CR to TS 31.113 in Tdoc T3-020690.
affected:			X	Test specifications	
			X	O&M Specifications	

Other comments: ⌘	

5.4.1.2   Request-ID UI-TLV

The Request-ID UI-TLV contains the RequestID used for Wait State handling of the USAT Interpreter. The RequestID value shall be generated according to TS 31.113 [2].

The Request-ID UI-TLV is conditionally incorporated into the UIO BER-TLV for operational pull messages. This UI-TLV shall only be incorporated in the UIO BER-TLV, if requested in the corresponding Submit Configuration UI-TLV (see TS 31.113 [2]).

Length	Value	Description	M/O
1	'40'	Request-ID UI-TLV tag	M
1	1	Length	M
1	Data	RequestID value 1 byte binary value	M

The Gateway may distinguish between a pull message and a post message (see 3GPP TS 31.112 [1]) from the USAT Interpreter by checking if the RequestID UI-TLV is part of a USAT Interpreter originated operational pull message.

If the RequestID UI-TLV is part of a USAT Interpreter originated operational pull message, the USAT Interpreter is in wait state and expects a related answer (a GO Pull Response, see clause 5.5.1) from the Gateway (see 3GPP TS 31.112 [1] Pull Mode).

If the RequestID UI-TLV is not part of a USAT Interpreter originated operational pull message, the USAT Interpreter does not expect an immediate and related answer from the Gateway (see 3GPP TS 31.112 [1] Post Mode).

[...]

5.5.1   Gateway originated TLVs for Operational Messages

An Application Message sent by the Gateway to the USAT Interpreter in Operational Pull (answer to a received Operational Pull message containing a RequestID TLV) consists of a Gateway originated BER-TLV with the following content:

Length	Value	Description	M/O
1	'C2'	GO Pull Response BER-TLV tag	M
1-3	A+B	Length	M
A	UI-TLV	Page	M
B	UI-TLV	Request-ID	M~~C~~

An Application Message sent by the Gateway to the USAT Interpreter in Operational Push consists of a Gateway originated BER-TLV with the following content:

Length	Value	Description	M/O
1	'C3'	GO Push BER-TLV tag	M
1-3	A+B	Length	M
A	UI-TLV	Page	M
B	UI-TLV	Inline Value containing Push Information Text	M

5.5.1.1   Page UI-TLV

The Page UI-TLV shall be constructed according to TS 31.113 [2].

5.5.1.2   Request-ID UI-TLV

The Request-ID UI-TLV contains the RequestID used for Wait State handling of the USAT Interpreter. The received RequestID shall be checked by the USAT Interpreter according to TS 31.113 [2].

The RequestID UI-TLV shall be incorporated by the Gateway into the GO Pull Response BER-TLV. ~~if the corresponding BER-TLV for operational pull message contains a RequestID UI-TLV.~~ The Gateway shall copy the RequestID UI-TLV from the UIO BER-TLV tag for operational pull message to the GO Pull Response BER-TLV in this case. Therefore, the Gateway mirrors the received RequestID UI-TLV to the USAT Interpreter.

Coding: See clause 5.4.1.2.