

Source: T3

Title: CR to TS 43.019: SIM Application Programming Interface (API), Stage 2,
(Java™)

Document for: Approval

This document contains the following change request:

T3-Doc	Spec	CR	Rev	Cat	Phase	Subject	Version-Current	Version-New	WI
T3-030172	43.019	030	-	F	Rel-5	Clarification on EVENT_EVENT_DOWNLOAD_DATA_AVAILABLE and EVENT_EVENT_DOWNLOAD_CHANNEL_STATUS registration	5.5.0	5.6.0	TEI

CR-Form-v7

CHANGE REQUEST

⌘ **43.019 CR 030** ⌘ rev **-** ⌘ Current version: **5.4.0** ⌘

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:	⌘ Clarification on EVENT_EVENT_DOWNLOAD_DATA_AVAILABLE and EVENT_EVENT_DOWNLOAD_CHANNEL_STATUS registration		
Source:	⌘ T3		
Work item code:	⌘ TEI	Date:	⌘ 13/02/2003
Category:	⌘ F	Release:	⌘ Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	R96 (Release 1996)	2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R97 (Release 1997)	
	B (addition of feature),	R98 (Release 1998)	
	C (functional modification of feature)	R99 (Release 1999)	
	D (editorial modification)	Rel-4 (Release 4)	
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-5 (Release 5)	
		Rel-6 (Release 6)	

Reason for change:	⌘ As the channel identifier for a data channel allocated by the ME is not released automatically when the link is dropped or the link is released, therefore it is the responsibility of the toolkit applet to send a CLOSE CHANNEL command.
Summary of change:	⌘ Clarify the end of the validity of the registration to EVENT_EVENT_DOWNLOAD_DATA_AVAILABLE and EVENT_EVENT_DOWNLOAD_CHANNEL_STATUS
Consequences if not approved:	⌘ The proactive command filtering between the data channel and the toolkit applets enforced by the toolkit framework may lead to a deadlock situation

Clauses affected:	⌘ § 6.2										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Y	N	X						Other core specifications	⌘ TS 11.14 R99
Y	N										
X											
		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.

6.2 Applet Triggering

EVENT_EVENT_DOWNLOAD_DATA_AVAILABLE, EVENT_EVENT_DOWNLOAD_CHANNEL_STATUS

For *EVENT_EVENT_DOWNLOAD_DATA_AVAILABLE* and *EVENT_EVENT_DOWNLOAD_CHANNEL_STATUS*, the framework shall only trigger the applet registered to these events with the appropriate channel identifier.

The registration to the *EVENT_EVENT_DOWNLOAD_DATA_AVAILABLE* and *EVENT_EVENT_DOWNLOAD_CHANNEL_STATUS* is effective once the toolkit applet has issued a successful *OPEN CHANNEL* proactive command, and valid till the first successful *CLOSE CHANNEL* ~~or a channel link is released by the ME~~ or the end of the card session.

When a Toolkit Applet has sent an *OPEN CHANNEL* proactive command and received a successful *TERMINAL RESPONSE*, the framework shall register the received channel identifier for the calling Toolkit Applet.

When a Toolkit Applet has sent a *CLOSE CHANNEL* proactive command and received a successful *TERMINAL RESPONSE*, the framework shall release the channel identifier contained in the command.

A successful *TERMINAL RESPONSE* means that the result of the proactive command execution belongs to command performed category (i.e. General Result = '0x').