3GPP TSG-T plenary meeting #21 ***Tdoc TP-030181***
Frankfurt, Germany, 17-19 September 2003

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:

T3 Doc	Spec	CR	Rev	Rel	Subject	Cat	Version-Current	Version-New
T3-030734	51.014	003	-	Rel-4	Correction of the Bearer Description for the Open Channel command	F	4.1.0	4.2.0

3GPP TSG-T3 Meeting #28
Marseille, France, 19 – 22 August 2003

Tdoc ⌘ T3-030734

CR-Form-v7

CHANGE REQUEST

⌘ **51.014** **CR** **003** ⌘ **rev** **-** ⌘ Current version: **4.1.0** ⌘

*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:	⌘	Correction of the Bearer Description for the Open Channel command
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	22/08/2003
Category:	⌘	**F**
Release:	⌘	Rel-4

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:

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:	⌘	Redundancy with SCP TS 102 223
Summary of change:	⌘	The redundant coding description is removed
Consequences if not approved:	⌘	Inconsistency and possible misleading coding of the bearer description

Clauses affected:	⌘	12.52.3			
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:
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.

12.52 Bearer description

Byte(s)	Description	Length
1	Bearer description tag	1
2	Length (X+1)	1
3	Bearer type	1
4 to (3+X)	Bearer parameters	X

- Bearer Type coding: in addition to the values defined in TS 102 223 [32], the following are defined:
  - '01' = CSD;
  - '02' = GPRS / 3G packet service;
- Bearer parameters coding: see the following clauses for 2G specific technologies.

12.52.1 Bearer parameters for CSD

Contents: parameters specific to the bearer.

The default values of the subparameters are manufacturer specific since they depend on the purpose of the device and data services provided by it. Not all combinations and values of these subparameters are supported by GSM (refer TS 22.002 [30]).

X (length of parameters) = 3.

Coding:

The following values are as defined in the TS 27.007 [27] for the select service bearer type "+CBST" extended command. They are coded in hexadecimal.

- byte 4 - Data rate: same as the "speed" subparameter defined in TS 27.007 [27].
- byte 5 - bearer service: same as the "name" subparameter defined in TS 27.007 [27].
- byte 6 - connection element: same as the "ce" subparameter defined in TS 27.007 [27].

12.52.2 Bearer parameters for GPRS / packet service

Contents : parameters describing the Quality of Service (QoS) and the type of PDP. This is an element of the PDP context.

The default values of the subparameters are manufacturer specific since they depend on the purpose of the device and data services provided by it. Not all combinations and values of these subparameters are supported by GSM (refer TS 22.002 [30]).

X (length of parameters) = 6.

Coding: The following values are as defined in TS 27.007 [27], for the quality of Service profile requested "+CGQREQ" extended command. They are coded in hexadecimal.

- Coding of Byte 4 - Precedence class: same as the "precedence" subparameter, defined in TS 27.007 [27].
- Coding of Byte 5 - Delay class: same as the "delay" subparameter, defined in TS 27.007 [27].
- Coding of Byte 6 - Reliability class: same as the "reliability" subparameter, defined in TS 27.007 [27].

- Coding of Byte 7 - Peak throughput class: same as the "peak" subparameter, defined in TS 27.007 [27].
- Coding of Byte 8 - Mean throughput class: same as the "mean" subparameter, defined in TS 27.007 [27].
- Coding of Byte 9 - Packet data protocol type:
  - '02' = IP (Internet Protocol, IETF STD 5);
  - all other values are reserved.

~~12.52.3 Default bearer~~

~~Contents: none~~

~~X (length of parameters) = 0.~~

~~The ME is responsible for providing the parameters necessary to establish the connection (e.g. APN for GPRS, Address for CSD, …).~~