3GPP TSG-T (Terminals) Meeting #16
Marco Island, USA 4 – 6 June 2002

Tdoc TP-020111

Source: T3

Title: Change Requests to TS 11.14 SIM application toolkit

Document for: Approval

This document contains several change requests as follows:

T3 Doc	Spec	CR	Rel	Cat	Subject
T3-020353	11.14	A210	99	F	Correction of Terminal Response references
T3-020391	11.14	A211	99	F	Correction to OPEN CHANNEL for GPRS

3GPP T3 Meeting #23
Espoo, Finland, 21-24 May 2002

Tdoc T3-020353

CR-Form-v3

CHANGE REQUEST

⌘ **11.14** **CR** **A210** ⌘ rev **-** ⌘ Current version: **8.10.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: ⌘ (U)SIM [X] ME/UE [ ] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Correction of Terminal Response references
Source:	⌘	T3
Work item code:	⌘	SIM toolkit
Date:	⌘	23/05/02
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
F *(essential 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)*

Reason for change:	⌘	The section's reference for Card ATR is wrong in the description table of the structure of TERMINAL RESPONSE
Summary of change:	⌘	The reference is corrected
Consequences if not approved:	⌘	Misleading information

Clauses affected:	⌘	6.8		
Other specs Affected:	⌘	[X] Other core specifications	⌘	TS 31.111
		[ ] 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/3G_Specs/CRs.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.
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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.

6.8 Structure of TERMINAL RESPONSE

Direction: ME to SIM

The command header is specified in TS 11.11 [20]. Length (A+B+C+D+E+F+G+H+I+J+K+L+M+N+P+Q+ R+S+T+U+V) is indicated by P3 of the header.

Command parameters/data:

Description	Section	M/O	Min	Length
Command details	12.6	M	Y	A
Device identities	12.7	M	N	B
Result	12.12	M	Y	C
Duration (only required in response to a POLL INTERVAL proactive command)	12.8	M/O	Y/N	D
Text string (only required in response to a GET INKEY or GET INPUT or SEND USSD proactive command)	12.15	M/O	Y/N	E
Item identifier (only required in response to SELECT ITEM proactive command)	12.10	M/O	Y/N	F
Local information (only required in response to PROVIDE LOCAL INFORMATION proactive command)	12.19, 12.20, 12.22, 12.29, 12.39, 12.45 & 12.46	M/O	Y/N	G
Call control requested action (only required if call control by SIM has modified a proactive command SET UP CALL, SEND SS or SEND USSD in another type of request).	12.30	M/O	Y/N	H
Result data object 2 (only required if call control by SIM has modified a proactive command SET UP CALL, SEND SS or SEND USSD in another type of request).	12.12	M/O	Y/N	I
Card reader status (only required in response to GET READER STATUS command). According to the requested information, one Card reader status object for each card interface reported or one Card reader identifier object is required. (only if class "a" is supported)""	12.33, 12.57	M/O	N	$J_0 + \ldots + J_n$ or J
Card ATR (only required in response to POWER ON CARD). (only if class "a" is supported)	~~12.33~~12.34	M/O	N	K
R-APDU (only required in response to PERFORM CARD APDU). (only if class "a" is supported)	12.36	M/O	N	L
Timer identifier (only required in response to a TIMER MANAGEMENT proactive command)	12.37	M/O	Y/N	M
Timer value (only required in response to a TIMER MANAGEMENT proactive command)	12.38	M/O	Y/N	N
AT Response (only required in response to RUN AT COMMAND proactive command) (only if class "b" is supported)	12.41	M/O	Y/N	P
Text string2 (only required if call control by SIM has modified the proactive command SET UP CALL or SEND SS into a USSD request)	12.15	M/O	Y/N	Q
Channel data (only required in response to RECEIVE DATA) (only if class "e" is supported)	12.53	M/O	Y/N	R

Description	Section	M/O	Min	Length
Channel status (only required in response to GET CHANNEL STATUS or OPEN CHANNEL proactive command) (only if class "e" is supported)	12.56	M/O	Y/N	$S_0 + \ldots + S_n$
Channel data length (only required in response to RECEIVE DATA or SEND DATA proactive command) (only if class "e" is supported)	12.54	M/O	Y/N	T
Bearer description (only required in response to OPEN CHANNEL proactive command) (only if class "e" is supported)	12.52	M/O	Y/N	U
Buffer size (only required in response to OPEN CHANNEL proactive command) (only if class "e" is supported)	12.55	M/O	Y/N	V

[…]

12.33 Card reader status

This subclause applies only if class "a" is supported.

Byte(s)	Description	Length
1	Card reader status tag	1
2	Length	1
3	Card reader status	1

[…]

12.34 Card ATR

This subclause applies only if class "a" is supported.

Byte(s)	Description	Length
1	Card ATR tag	1
2	Length (X) of bytes following	1
3 to (X+2)	ATR	X

- ATR:

  Contents :

  This is the Answer To Reset returned by the card.

  Coding :

  The coding of the Answer To Reset is defined in ISO/IEC 7816-3 [16].

3GPP T3 Meeting #23
Espoo, Finland, 21-24 May 2002

Tdoc T3-020367

CR-Form-v3

CHANGE REQUEST

⌘ **11.14** **CR** **A211** ⌘ rev **-** ⌘ Current version: **8.10.0** ⌘

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Proposed change affects: ⌘ (U)SIM [X] ME/UE [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Correction to OPEN CHANNEL for GPRS
Source:	⌘	T3
Work item code:	⌘	SIM toolkit
Date:	⌘	21/05/02
Category:	⌘	**F**
Release:	⌘	R99

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R99	*(Release 1999)*
REL-4	*(Release 4)*
REL-5	*(Release 5)*

Reason for change:	⌘	When connecting to a GGSN, the network may request a login and a password. This information is missing in the OPEN CHANNEL command for GPRS.
Summary of change:	⌘	Addition of user login and password to OPEN CHANNEL for GPRS command.
Consequences if not approved:	⌘	The ME does not have all the information necessary to connect to the GGSN. The OPEN CHANNEL may then fail.

Clauses affected:	⌘	6.6.27.2		
Other specs Affected:	⌘	[X] Other core specifications	⌘	31.111
		[ ] Test specifications		
		[ ] O&M Specifications		
Other comments:	⌘			

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6.6.27.2 OPEN CHANNEL related to GPRS

Description	Section	M/O	Min	Length
Proactive SIM command Tag	13.2	M	Y	1
Length (A+B+C+D+E+F+G+H+I+J+K+L)	-	M	Y	1 or 2
Command details	12.6	M	Y	A
Device identities	12.7	M	Y	B
Alpha identifier	12.2	O	N	C
Icon identifier	12.31	O	N	D
Bearer description	12.52	M	Y	E
Buffer size	12.55	M	Y	F
Network Access Name	12.61	O	N	G
Other address (local address)	12.58	O	N	H
Text String (User login)	12.15	O	N	I
Text String (User password)	12.15	O	N	J
SIM/ME interface transport level	12.59	O	N	K
Data destination address	12.58	O	N	L

The Network Access Name parameter may be requested. The Network Access Name parameter contains an Access Point Name (APN) identifying the Gateway GSN (GGSN) which provides interworking with an external packet data network. If the parameter is not present, the mobile may use the default Access Point Name in the mobile configuration or the default subscription value.

The local address parameter (see 12.58) provides information to the ME necessary to identify the local device. If the parameter is present and length is not null, it provides an IP address that identifies the SAT application in the address area applicable to the PDN. If local address length is null, dynamic local address allocation is required for the SAT application. If parameter is not present, the mobile may use the mobile default local address configuration.

The ME may support a remote access login feature. If supported by the ME, the SIM may provide 'User login' and 'User password' parameters, which can be used for authentication. If only one parameter is present, it is considered as the User Login and the ME shall use default Password configuration if any. If the parameters are not present, the ME shall use default Login/Password configuration if any. If no authentication challenge is requested, the user login and password parameters shall be ignored.

If the SIM/ME interface transport level is present in the command, then the ME shall provide the requested transport layer protocols under the channel and shall use this object containing a set of parameters required to make the transport connection. The data that is exchanged at the SIM/ME interface in the RECEIVE DATA/SEND DATA commands are SDUs. When the SAT application sends an SDU, the transport layer within the ME is in charge to add the transport header to the SDU in order to build the Transport-PDU. When the SAT application requests to receive an SDU, the transport layer within the ME is in charge to remove the transport header of the Transport-PDU, and to forward the SDU to the SAT. If the parameter is not present, the SIM/ME interface is the bearer level (serial link or packet link as defined in TS 27.007 [27]) and the SAT application is in charge of the network and transport layer.

The Destination Address is the end point destination address of sent data. This data destination address is requested when a SIM/ME interface transport is present, otherwise it is ignored. The data destination address is a data network address (e.g. IP address).