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

Tdoc TP-020113

Source: T3

Title: Change Requests to TS 31.111 USIM application toolkit

Document for: Approval

This document contains several change requests as follows:

T3 Doc	Spec	CR	Rel	Cat	Subject
T3-020354	31.111	065	4	F	Miscellaneous corrections
T3-020355	31.111	066	5	F	Miscellaneous corrections
T3-020368	31.111	067	99	F	Correction to OPEN CHANNEL for GPRS
T3-020369	31.111	068	4	F	Correction to OPEN CHANNEL for GPRS
T3-020370	31.111	069	5	F	Correction to OPEN CHANNEL for GPRS
T3-020372	31.111	070	99	F	Correction of PDP context description in Channel Status TLV

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

Tdoc T3-020354

CR-Form-v3

CHANGE REQUEST

⌘ **31.111** **CR** **065** ⌘ rev **-** ⌘ Current version: **4.6.0** ⌘

*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:	⌘	Miscellaneous corrections
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	23/05/02
Category:	⌘	**F**
Release:	⌘	REL-4

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
- The description of bit 8 of byte 3 of the Channel Status TLV is wrong : when the bit 8 is set to 1, the PDP context is described as not activated where it should be described as activated.

Summary of change: ⌘

- The reference is corrected
- The PDP context is described as activated when bit 8 is set to 1.

Consequences if not approved: ⌘

- Misleading information
- Possible misunderstanding of the specification

Clauses affected:	⌘	6.8, 8.56		
Other specs Affected:	⌘	[X] Other core specifications [ ] Test specifications [ ] O&M Specifications	⌘	TS 11.14 (for § 6.8)
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.

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://www.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 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.

6.8 Structure of TERMINAL RESPONSE

Direction: ME to UICC.

The command header is specified in TS 31.101 [13]. Length (A+B+ … +Y) is indicated by P3 of the header.

Command parameters/data.

Description	Clause	M/O/C	Min	Length
Command details	8.6	M	Y	A
Device identities	8.7	M	N	B
Result	8.12	M	Y	C
Duration (only required in response to a POLL INTERVAL proactive command)	8.8	C	N	D
Text string (only required in response to a GET INKEY or GET INPUT or SEND USSD proactive command)	8.15	C	N	E
Item identifier (only required in response to SELECT ITEM proactive command)	8.10	C	N	F
Local information (only required in response to PROVIDE LOCAL INFORMATION proactive command)	8.19, 8.20, 8.22, 8.29, 8.39, 8.45, 8.46, 8.62	C	N	G
Call control requested action (only required if call control by USIM has modified a proactive command SET UP CALL, SEND SS or SEND USSD in another type of request).	8.30	C	N	H
Result data object 2 (only required if call control by USIM has modified a proactive command SET UP CALL, SEND SS or SEND USSD in another type of request).	8.12	C	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..	8.33, 8.57	C	N	$J_0 + … + J_n$ or J
Card ATR (only required in response to POWER ON CARD).	~~8.33~~8.34	C	N	K
R-APDU (only required in response to PERFORM CARD APDU).	8.36	C	N	L
Timer identifier (only required in response to a TIMER MANAGEMENT proactive command)	8.37	C	N	M
Timer value (only required in response to a TIMER MANAGEMENT proactive command)	8.38	C	N	N
AT Response (only required in response to RUN AT COMMAND proactive command)	8.41	C	N	P
Text string2 (only required if call control by USIM has modified the proactive command SET UP CALL or SEND SS into a USSD request)	8.15	C	N	Q
Channel data (only required in response to RECEIVE DATA)	8.54	C	N	R
Channel status (only required in response to GET CHANNEL STATUS or OPEN CHANNEL proactive command)	8.56	C	N	$S_0 + … + S_n$
Channel data length (only required in response to RECEIVE DATA or SEND DATA proactive command)	8.54	C	N	T

Description	Clause	M/O/C	Min	Length
Bearer description (only required in response to OPEN CHANNEL proactive command)	8.52	C	N	U
Buffer size (only required in response to OPEN CHANNEL proactive command)	8.55	C	N	V
Total display duration (only required in response to a GET INKEY proactive command)	8.8	C	N	W
Service availability (only required in response to SERVICE SEARCH proactive command)	8.68	C	N	X
Service record (only required in response to GET SERVICE INFORMATION proactive command)	8.64	C	N	Y

[…]

8.56 Channel status

Byte(s)	Description	Length
1	Channel status tag	1
2	Length (2)	1
3 to 4	Channel status	2

- Contents:
  - the Channel status is a string of binary coded characters.
- Coding of byte 3:
  - bit 1 to 3: Channel identifier: 1..7;

    Channel identifier 0 means "No channel available".
  - bit 4 to 7: RFU.
  - bit 8: 0 = Link not established or PDP context not activated;

    1 = Link established or PDP context ~~not~~ activated.
- Coding of byte 4:
  - '00' = No further info can be given;
  - '01' = Not used;
  - '02' = Not used;
  - '03' = Not used;
  - '04' = Not used;
  - '05' = Link dropped;
- all other values are reserved.

[…]

8.33 Card reader status

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

[…]

8.34 Card ATR

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

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

Tdoc T3-020355

CR-Form-v3

CHANGE REQUEST

⌘ **31.111** **CR** **066** ⌘ rev **-** ⌘ Current version: **5.0.0** ⌘

*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:	⌘	Miscellaneous corrections
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	23/05/02
Category:	⌘	**F**
Release:	⌘	REL-5

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)*
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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
- The description of bit 8 of byte 3 of the Channel Status TLV is wrong : when the bit 8 is ser to 1, the PDP context is described as not activated where it should be described as activated.

Summary of change: ⌘
- The reference is corrected
- The PDP context is described as activated when bit 8 is set to 1.

Consequences if not approved: ⌘
- Misleading information
- Possible misunderstanding of the specification

Clauses affected:	⌘	6.8, 8.56		
Other specs Affected:	⌘	[X] Other core specifications [ ] Test specifications [ ] O&M Specifications	⌘	TS 11.14 (for § 6.8)
Other comments:	⌘			

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Direction: ME to UICC.

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Command parameters/data.

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Device identities	8.7	M	N	B
Result	8.12	M	Y	C
Duration (only required in response to a POLL INTERVAL proactive command)	8.8	C	N	D
Text string (only required in response to a GET INKEY or GET INPUT or SEND USSD proactive command)	8.15	C	N	E
Item identifier (only required in response to SELECT ITEM proactive command)	8.10	C	N	F
Local information (only required in response to PROVIDE LOCAL INFORMATION proactive command)	8.19, 8.20, 8.22, 8.29, 8.39, 8.45, 8.46, 8.62	C	N	G
Call control requested action (only required if call control by USIM has modified a proactive command SET UP CALL, SEND SS or SEND USSD in another type of request).	8.30	C	N	H
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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..	8.33, 8.57	C	N	$J_0 + … + J_n$ or J
Card ATR (only required in response to POWER ON CARD).	~~8.33~~8.34	C	N	K
R-APDU (only required in response to PERFORM CARD APDU).	8.36	C	N	L
Timer identifier (only required in response to a TIMER MANAGEMENT proactive command)	8.37	C	N	M
Timer value (only required in response to a TIMER MANAGEMENT proactive command)	8.38	C	N	N
AT Response (only required in response to RUN AT COMMAND proactive command)	8.41	C	N	P
Text string2 (only required if call control by USIM has modified the proactive command SET UP CALL or SEND SS into a USSD request)	8.15	C	N	Q
Channel data (only required in response to RECEIVE DATA)	8.54	C	N	R
Channel status (only required in response to GET CHANNEL STATUS or OPEN CHANNEL proactive command)	8.56	C	N	$S_0 + … + S_n$
Channel data length (only required in response to RECEIVE DATA or SEND DATA proactive command)	8.54	C	N	T

Description	Clause	M/O/C	Min	Length
Bearer description (only required in response to OPEN CHANNEL proactive command)	8.52	C	N	U
Buffer size (only required in response to OPEN CHANNEL proactive command)	8.55	C	N	V
Total display duration (only required in response to a GET INKEY proactive command)	8.8	C	N	W
Service availability (only required in response to SERVICE SEARCH proactive command)	8.68	C	N	X
Service record (only required in response to GET SERVICE INFORMATION proactive command)	8.64	C	N	Y

[…]

8.56 Channel status

Byte(s)	Description	Length
1	Channel status tag	1
2	Length (2)	1
3 to 4	Channel status	2

- Contents:
  - the Channel status is a string of binary coded characters.
- Coding of byte 3:
  - bit 1 to 3: Channel identifier: 1..7;

    Channel identifier 0 means "No channel available".
  - bit 4 to 7: RFU.
  - bit 8: 0 = Link not established or PDP context not activated;

    1 = Link established or PDP context ~~not~~ activated.
- Coding of byte 4:
  - '00' = No further info can be given;
  - '01' = Not used;
  - '02' = Not used;
  - '03' = Not used;
  - '04' = Not used;
  - '05' = Link dropped;
  - all other values are reserved.

[…]

8.33 Card reader status

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

[…]

8.34 Card ATR

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

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

Tdoc T3-020368

CR-Form-v3

CHANGE REQUEST

⌘ **31.111** **CR** **067** ⌘ rev **-** ⌘ Current version: **3.7.0** ⌘

*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 [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Correction to OPEN CHANNEL for GPRS
Source:	⌘	T3
Work item code:	⌘	USAT1
Date:	⌘	21/05/02
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:	⌘	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:	⌘	[ ] 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.

6.6.27.2 OPEN CHANNEL related to GPRS

Description	Clause	M/O/C	Min	Length
Proactive UICC command Tag	9.2	M	Y	1
Length (A+B+C+D+E+F+G+H+I+J+K+L)	-	M	Y	1 or 2
Command details	8.6	M	Y	A
Device identities	8.7	M	Y	B
Alpha identifier	8.2	O	N	C
Icon identifier	8.31	O	N	D
Bearer description	8.52	M	Y	E
Buffer size	8.55	M	Y	F
Network Access Name	8.61	O	N	G
Other address (local address)	8.58	O	N	H
Text String (User login)	8.15	O	N	I
Text String (User password)	8.15	O	N	J
SIM/ME interface transport level	8.59	O	N	K~~I~~
Data destination address	8.58	C	Y	L~~J~~

The Network Access Name parameter may be requested. The Network Access Name parameter contains an Access Point Name (APN) identifing 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 Namein the mobile configuration or the default subscription value.

The local address parameter (see 8.58) 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 USAT 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 USIM 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 USAT 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 USAT. 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 [12]), and the USAT application is in charge of the network and transport layer.

The Data 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).

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

Tdoc T3-020369

CR-Form-v3

CHANGE REQUEST

⌘ **31.111 CR 068** ⌘ rev **-** ⌘ Current version: **4.6.0** ⌘

*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 [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Correction to OPEN CHANNEL for GPRS
Source:	⌘	T3
Work item code:	⌘	USAT1
Date:	⌘	21/05/02
Category:	⌘	**F**
Release:	⌘	REL-4

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:	⌘	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:	⌘	[ ] 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.

6.6.27.2 OPEN CHANNEL related to GPRS

Description	Clause	M/O/C	Min	Length
Proactive UICC command Tag	9.2	M	Y	1
Length (A+B+C+D+E+F+G+H+I+J+K+L)	-	M	Y	1 or 2
Command details	8.6	M	Y	A
Device identities	8.7	M	Y	B
Alpha identifier	8.2	O	N	C
Icon identifier	8.31	O	N	D
Bearer description	8.52	M	Y	E
Buffer size	8.55	M	Y	F
Network Access Name	8.61	O	N	G
Other address (local address)	8.58	O	N	H
Text String (User login)	8.15	O	N	I
Text String (User password)	8.15	O	N	J
SIM/ME interface transport level	8.59	O	N	K~~I~~
Data destination address	8.58	C	Y	L~~J~~

The Network Access Name parameter may be requested. The Network Access Name parameter contains an Access Point Name (APN) identifing 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 Namein the mobile configuration or the default subscription value.

The local address parameter (see 8.58) 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 USAT 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 USIM 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 USAT 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 USAT. 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 [12]), and the USAT application is in charge of the network and transport layer.

The Data 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).

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

Tdoc T3-020370

CR-Form-v3

CHANGE REQUEST

⌘ **31.111 CR 069** ⌘ rev **-** ⌘ Current version: **5.0.0** ⌘

*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 [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Correction to OPEN CHANNEL for GPRS
Source:	⌘	T3
Work item code:	⌘	USAT1
Date:	⌘	21/05/02
Category:	⌘	**F**
Release:	⌘	REL-5

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)*
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Use one of the following releases:

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R98	*(Release 1998)*
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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:	⌘	[ ] 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/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.

6.6.27.2 OPEN CHANNEL related to GPRS

Description	Clause	M/O/C	Min	Length
Proactive UICC command Tag	9.2	M	Y	1
Length (A+B+C+D+E+F+G+H+I+J+K+L)	-	M	Y	1 or 2
Command details	8.6	M	Y	A
Device identities	8.7	M	Y	B
Alpha identifier	8.2	O	N	C
Icon identifier	8.31	O	N	D
Bearer description	8.52	M	Y	E
Buffer size	8.55	M	Y	F
Network Access Name	8.61	O	N	G
Other address (local address)	8.58	O	N	H
Text String (User login)	8.15	O	N	I
Text String (User password)	8.15	O	N	J
SIM/ME interface transport level	8.59	O	N	K~~I~~
Data destination address	8.58	C	Y	L~~J~~

The Network Access Name parameter may be requested. The Network Access Name parameter contains an Access Point Name (APN) identifing 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 Namein the mobile configuration or the default subscription value.

The local address parameter (see 8.58) 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 USAT 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 USIM 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 USAT 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 USAT. 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 [12]), and the USAT application is in charge of the network and transport layer.

The Data 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).

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

Tdoc T3-020372

CR-Form-v3

CHANGE REQUEST

⌘ **31.111 CR 070** ⌘ rev ⌘ Current version: **3.7.0** ⌘

*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 PDP context description in Channel Status TLV
Source:	⌘	T3
Work item code:	⌘	USAT1
Date:	⌘	13/05/02
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 description of bit 8 of byte 3 of the Channel Status TLV is wrong : when the bit 8 is set to 1, the PDP context is described as not activated where it should be described as activated.
Summary of change:	⌘	The PDP context is described as activated when bit 8 is set to 1.
Consequences if not approved:	⌘	Possible misunderstanding of the specification

Clauses affected:	⌘	§ 8.56
Other specs Affected:	⌘	[ ] Other core specifications ⌘ [ ] Test specifications [ ] O&M Specifications
Other comments:	⌘	

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8.56 Channel status

Byte(s)	Description	Length
1	Channel status tag	1
2	Length (2)	1
3 to 4	Channel status	2

- Contents:
  - the Channel status is a string of binary coded characters.
- Coding of byte 3:
  - bit 1 to 3: Channel identifier: 1..7;

    Channel identifier 0 means "No channel available".
  - bit 4 to 7: RFU.
  - bit 8: 0 = Link not established or PDP context not activated;

    1 = Link established or PDP context ~~not~~ activated.
- Coding of byte 4:
  - '00' = No further info can be given;
  - '01' = Not used;
  - '02' = Not used;
  - '03' = Not used;
  - '04' = Not used;
  - '05' = Link dropped;
  - all other values are reserved.