3GPP TSG-T (Terminals) Meeting #26
Athens, Greece
8 - 10 December 2004

TP-040253

Agenda Item: 5.3.3
Source: T3
Title: CRs to TS 11.10-4
Document for: approval

This document contains the following change requests that are approved by 3GPP TSG T3 and forwarded to 3GPP TSG T#26 for approval:

Doc-2nd-Level	Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Work item
T3-040774	11.10-4	A084	-	R99	CR 11.10-4, R99 Correction of Refresh test case	F	8.9.0	8.10.0	TEI
T3-040775	11.10-4	A085	-	R99	CR 11.10-4 R99: Correction of MO SM CONTROL BY SIM test case	F	8.9.0	8.10.0	TEI
T3-040776	11.10-4	A086	-	R99	CR 11.10-4 R99: Correction of Errors	F	8.9.0	8.10.0	TEI
T3-040777	11.10-4	A087	-	R99	CR 11.10-4 R99: Clarification of PLAY TONE test case	F	8.9.0	8.10.0	TEI
T3-040778	11.10-4	A088	-	R99	CR 11.10-4 R99: Clarification of RECEIVE DATA test case	F	8.9.0	8.10.0	TEI
T3-040780	11.10-4	A090	-	R99	CR 11.10-4 R99: Modification of 27.22.1 PROFILE DOWNLOAD	F	8.9.0	8.10.0	TEI
T3-040798	11.10-4	A077	-	R99	CR 11.10-4, R99 Correction of Send Short Message test case	F	8.9.0	8.10.0	TEI
T3-040799	11.10-4	A078	-	R99	CR 11.10-4, R99 Correction of Select Item test case	F	8.9.0	8.10.0	TEI
T3-040803	11.10-4	A079	-	R99	CR 11.10-4 R99: Correction of Language Notification test case	F	8.9.0	8.10.0	TEI
T3-040804	11.10-4	A080	-	R99	CR 11.10-4 R99: Correction of Select Item (Next action identifier) test case	F	8.9.0	8.10.0	TEI
T3-040805	11.10-4	A081	-	R99	CR 11.10-4 R99: Correction of PROFILE DOWNLOAD test case – incorrect P2	F	8.9.0	8.10.0	TEI
T3-040806	11.10-4	A082	-	R99	CR 11.10-4 R99: Correction of CALL CONTROL test cases.	F	8.9.0	8.10.0	TEI
T3-040807	11.10-4	A083	-	R99	CR 11.10-4 R99: Incorrect specification of file codings.	F	8.9.0	8.10.0	TEI
T3-040808	11.10-4	A089	-	R99	Corrections for Test Case 27.22.5.1 (SMS-PP Data Download)	F	8.9.0	8.10.0	TEI
T3-040815	11.10-4	A091	-	R99	CR 11.10-4 R99: Correction of Set Up Idle Mode Text test case	F	8.9.0	8.10.0	TEI
T3-040863	11.10-4	A092	-	R99	CR 11.10-4 R99: Correction of Timer Management test cases	F	8.9.0	8.10.0	TEI
T3-040864	11.10-4	A093	-	R99	CR 11.10-4, R99 Essential Corrections on Launch Browser	F	8.9.0	8.10.0	TEI

3GPP TSG-T3 Meeting #33
Sophia Antipolis, France, 16th – 19th November 2004

Tdoc ⌘T3-040774

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A084** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4, R99 Correction of Refresh test case
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:

Ph2	*(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)*
Rel-7	*(Release 7)*

Reason for change:	⌘	No requirement in 3GPP TS 11.14 to update ME's memory in case of a REFRESH (file change notification)
Summary of change:	⌘	Test procedure adjusted
Consequences if not approved:	⌘	MEs, which do not update their memory before sending the Terminal Response, will unfairly fail the test in expected sequence 1.2

Clauses affected:	⌘	27.22.4.7.1.4.2

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:
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Below is a brief summary:

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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.

27.22.4.7.1.4.2 Procedure

[..]

Expected Sequence 1.2 (REFRESH, File Change Notification)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: REFRESH 1.2.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: REFRESH 1.2.1	
4	SIM	Update EF FDN RECORD 1	[EF FDN record 1 updated to contain the dialling string "0123456789"]
~~5~~	~~ME → SIM~~	~~READ RECORD: EF FDN~~	
~~6~~5	ME → SIM	TERMINAL RESPONSE: REFRESH 1.2.1A	[normal ending]
		Or	
		TERMINAL RESPONSE: REFRESH 1.2.1B	[additional EFs read]
~~7~~6	SIM → ME	PROACTIVE SIM SESSION ENDED	
~~8~~7	USER → ME	Call setup to "123"	
~~9~~8	ME → USER	Call set up not allowed	
~~10~~9	USER → ME	Call setup to "0123456789"	
~~11~~10	ME → SS	Setup	Called party BCD number shall be "0123456789"

PROACTIVE COMMAND: REFRESH 1.2.1

Logically:

Command details
- Command number: 1
- Command type: REFRESH
- Command qualifier: File Change Notification

Device identities
- Source device: SIM
- Destination device: ME
- File List: EF FDN

Coding:

BER-TLV:	D0	12	81	03	01	01	01	82	02	81	82	92
	07	01	3F	00	7F	10	6F	3B				

TERMINAL RESPONSE: REFRESH 1.2.1A

Logically:

Command details
- Command number: 1
- Command type: REFRESH
- Command qualifier: File Change Notification

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Command performed successfully

Coding:

BER-TLV:	81	03	01	01	01	82	02	82	81	83	01	00

TERMINAL RESPONSE: REFRESH 1.2.1B

Logically:

Command details
- Command number: 1
- Command type: REFRESH
- Command qualifier: File Change Notification

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: REFRESH performed with additional EFs read

Coding:

BER-TLV:	81	03	01	01	01	82	02	82	81	83	01	03

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040775

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A085** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4 R99: Correction of MO SM CONTROL BY SIM test case
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
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D *(editorial modification)*
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Use one of the following releases:
Ph2 (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)
Rel-7 (Release 7)

Reason for change:	⌘	Incorrect coding of response APDU.
Summary of change:	⌘	In 27.22.8.4.2, sequence 1.5, step 6, “9F XX” is changed to “9F 15” and the “9F 14” comment is removed.
Consequences if not approved:	⌘	SIM simulator would return incorrect data to ME, possibly leading to subsequent failure of sequence to complete correctly.

Clauses affected:	⌘	27.22.8.4.2

Other specs affected: ⌘	Y	N		⌘
		X	Other core specifications	
		X	Test specifications	
		X	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.

27.22.8.4.2 Procedure

[..]

Expected Sequence 1.5 (MO SM CONTROL BY SIM , with Proactive command, Allowed with modifications')

Step	Direction	Message / Action	Comments
1	SIM -> ME	PROACTIVE COMMAND PENDING: SEND SHORT MESSAGE 1.1.1	
2	ME -> SIM	FETCH	
3	SIM -> ME	PROACTIVE COMMAND: SEND SHORT MESSAGE 1.1.1	Send SMS to “+012345678”
4	ME -> USER	Display "Send SM"	[Alpha Identifier]
5	ME -> SIM	ENVELOPE: MO SHORT MESSAGE CONTROL 1.1.1A or ENVELOPE: MO SHORT MESSAGE CONTROL 1.1.1B	[Option A shall apply for GSM parameters] [Option B shall apply for PCS1900 parameters]
6	SIM -> ME	9F 15~~XX~~	~~9F 14~~
7	ME -> SIM	GET RESPONSE	
8	SIM -> ME	MO SM CONTROL RESULT 1.5.1	[“Allowed with modifications”]
9	ME -> SS	Send SMS-PP Message 1.5	[The ME sends the SM containing SMS-PP (SEND SHORT MESSAGE) Message 1.5 with the data provided by the SIM to the changed Service Center Adress “+112233445566779”]
10	SS -> ME	SMS RP-ACK	
11	ME -> SIM	TERMINAL RESPONSE: SEND SHORT MESSAGE 1.5.1	

[..]

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040776

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A086** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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: ⌘ CR 11.10-4 R99: Correction of Errors

Source: ⌘ T3

Work item code: ⌘ TEI ***Date:*** ⌘ 18/11/2004

Category: ⌘ **F** ***Release:*** ⌘ R99

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:

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R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*
Rel-7	*(Release 7)*

Reason for change: ⌘

a) Data are incorrect for the following data:

Section	Data name
27.22.4.17.1.4.2	TERMINAL RESPONSE: PERFORM CARD APDU 1.2.4
27.22.4.29.4.2	TERMINAL RESPONSE: RECEIVE DATA 1.1.1 TERMINAL RESPONSE: RECEIVE DATA 1.1.2 TERMINAL RESPONSE: RECEIVE DATA 1.1.3 TERMINAL RESPONSE: RECEIVE DATA 1.1.4 TERMINAL RESPONSE: RECEIVE DATA 1.1.5

b) Data names are incorrect for the following data:

Section	Data name
27.22.4.9.1.4.2	TERMINAL RESPONSE: SELECT ITEM 1.5
27.22.4.10.2.4.2	TERMINAL RESPONSE: SEND SHORT MESSAGE 2.2.1
27.22.4.17.1.4.2 (after Sequence 1.5)	PROACTIVE COMMAND: PERFORM CARD APDU 1.1.1
27.22.4.19.2.4.2	TERMINAL RESPONSE: POWER ON CARD 1.1.1

c) References from step messages to data are incorrect for the following steps:

Section	Sequence	Step
27.22.4.8.1.4.2	1.2	30
27.22.4.12.1.4.2	1.2	7
27.22.4.12.1.4.2	1.3	7
27.22.4.15.4.2	1.1	1

27.22.4.15.4.2	1.2	1
27.22.4.15.4.2	1.3	1
27.22.4.15.4.2	1.4	1
27.22.4.15.4.2	1.5	1
27.22.4.15.4.2	1.6	1
27.22.4.16.1.4.2	1.3	4
27.22.4.17.2.4.2	2.1	3
27.22.4.20.1.4.2	1.1	3
27.22.4.21.1.4.2	1.6	27
27.22.5.1.4.2	1.2	6
27.22.5.1.4.2	1.3	6

d) PROACTIVE COMMAND PENDING is missing after the following steps:

Section	Sequence	Step
27.22.4.17.1.4.2	1.2	30
27.22.4.27.1.4.2	1.9	6

e) FETCH is missing after the following steps:

Section	Sequence	Step
27.22.4.17.1.4.2	1.2	30
27.22.4.22.1.4.2	1.2	7
27.22.4.27.1.4.2	1.9	6
27.22.4.30.4.2	1.4	23
27.22.4.30.4.2	1.4	42
27.22.7.5.1.4.2	1.1	1
27.22.7.6.1.4.2	1.1	2
27.22.7.8.1.4.2	1.1	1

f) PROACTIVE COMMAND is missing after the following steps:

Section	Sequence	Step
27.22.4.22.1.4.2	1.2	7
27.22.7.5.1.4.2	1.1	1
27.22.7.6.1.4.2	1.1	2
27.22.7.8.1.4.2	1.1	1

Summary of change: ⌘

a) Correct data inserted
b) Data names corrected
c) Data references corrected
d) PROACTIVE COMMAND PENDING inserted
e) FETCH inserted
f) PROACTIVE COMMAND inserted

Consequences if not approved: ⌘

a) Correct ME TERMINAL RESPONSEs will be unfairly failed.
b) Sequences will not / can not be run successfully to completion
c) Sequences will not / can not be run successfully to completion
d) Sequences will not / can not be run successfully to completion
e) Sequences will not / can not be run successfully to completion
f) Sequences will not / can not be run successfully to completion

Clauses affected: ⌘ 27.22.4.8.1.4.2, 27.22.4.9.1.4.2, 27.22.4.10.2.4.2, 27.22.4.12.1.4.2, 27.22.4.15.4.2, 27.22.4.16.1.4.2, 27.22.4.17.1.4.2, 27.22.4.17.2.4.2, 27.22.4.19.2.4.2, 27.22.4.20.1.4.2, 27.22.4.21.1.4.2, 27.22.4.22.1.4.2, 27.22.4.27.1.4.2, 27.22.4.29.4.2, 27.22.4.30.4.2, 27.22.5.1.4.2, 27.22.7.5.1.4.2, 27.22.7.6.1.4.2, 27.22.7.8.1.4.2

Other specs affected: ⌘

Y	N	
	X	Other core specifications
	X	Test specifications
	X	O&M Specifications

⌘

Other comments: ⌘	

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27.22.4.8.1.4.2 Procedure

[..]

Expected Sequence 1.2 (SET UP MENU, Large Menu with many items or with large items or with Large Alpha Identifier)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP MENU 1.2.1	[First Large Menu with many items, Fetch of FF bytes]
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND SET UP MENU 1.2.1	
4	ME → USER	Integrate the new menu header of "LargeMenu1" into its menu system and have the menu items of "Zero", "One", "Two", Three", "Four", "Five", "Six", "Seven", "Eight", "Nine", "Alpha", "Bravo", "Charlie", "Delta", "Echo", "Fox-trot", "Black", "Brown", "Red", "Orange", "Yellow", "Green", "Blue", "Violet", "Grey", "White", "milli", "micro", "nano" and "pico" under this header.	
5	ME → SIM	TERMINAL RESPONSE: SET UP MENU 1.2.1	[Command Performed Successfully]
6	SIM → ME	PROACTIVE SIM SESSION ENDED	
7	USER → ME	Select the Toolkit "LargeMenu1"	
8	ME → USER	Display "Zero", "One", "Two" … "pico"	
9	USER → ME	Select the "Orange" menu entry	
10	ME → SIM	Send the ENVELOPE 1.2.1: MENU SELECTION (Identifier of item: 0x3D)	
11	SIM → ME	PROACTIVE COMMAND PENDING: SET UP MENU 1.2.2	[Second Large Menu with large items, Fetch of F6 bytes]
12	ME → SIM	FETCH	
13	SIM → ME	PROACTIVE COMMAND SET UP MENU 1.2.2	
14	ME → USER	Integrate the new menu header of "LargeMenu2" into its menu system and have the menu items of "1 Call Forward Unconditional", "2 Call Forward On User Busy", "3 Call Forward On No Reply", "4 Call Forward On User Not Reachable", "5 Barring Of All Outgoing Calls", "6 Barring Of All Outgoing Int Calls" and "7 CLI Presentation" under this header.	
15	ME → SIM	TERMINAL RESPONSE: SET UP MENU 1.2.2	[Command Performed Successfully]
16	SIM → ME	PROACTIVE SIM SESSION ENDED	
17	USER → ME	Select the Toolkit Menu "LargeMenu2"	

Step	Direction	MESSAGE / Action	Comments
18	ME → USER	Display "1 Call Forward Unconditional", "2 Call Forward On User Busy", "3 Call Forward On No Reply", "4 Call Forward On User Not Reachable", "5 Barring Of All Outgoing Calls", "6 Barring Of All Outgoing Int Calls", "7 CLI Presentation"	
19	USER → ME	Select the "5 Barring Of All Outgoing Calls" menu entry	
20	ME → SIM	Send the ENVELOPE 1.2.2: MENU SELECTION (Identifier of item: 0xFB)	
21	SIM → ME	PROACTIVE COMMAND PENDING: SET UP MENU 1.2.3	[Third Large Menu with a Large Alpha Identifier and only one Short Item, Fetch of FF bytes]
22	ME → SIM	FETCH	
23	SIM → ME	PROACTIVE COMMAND SET UP MENU 1.2.3	
24	ME → USER	Integrate the new menu header of " The SIM shall supply a set of menu items, which shall be integrated with the menu system (or other MMI facility) in order to give the user the opportunity to choose one of these menu items at his own discretion. Each item comprises a sh" into it's menu system and have a menu item of "Y" under this header.	
25	ME → SIM	TERMINAL RESPONSE: SET UP MENU 1.2.3	[Command Performed Successfully]
26	SIM → ME	PROACTIVE SIM SESSION ENDED	
27	USER → ME	Select the Toolkit Menu "The SIM shall supply a set of menu items, which shall be integrated with the menu system (or other MMI facility) in order to give the user the opportunity to choose one of these menu items at his own discretion. Each item comprises a sh".	
28	ME → USER	Display "Y"	
29	USER → ME	Select the item "Y"	
30	ME → SIM	Send the ENVELOPE 1.~~1.6~~2.3: MENU SELECTION (Identifier of item: 1)	

[..]

ENVELOPE 1.2.3: MENU SELECTION

Logically:

Menu selection
Device identities
Source device: Keypad
Destination device: SIM
Item identifier 01

Coding:

BER-TLV:	D3	07	82	02	01	81	90	01	01

[..]

27.22.4.9.1.4.2 Procedure

Expected Sequence 1.6 (SELECT ITEM, Large menu, successful)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SELECT ITEM 1.6.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SELECT ITEM 1.6.1	
4	ME → USER	Present the items of "1 Call Forward Unconditional", "2 Call Forward On User Busy", "3 Call Forward On No Reply", "4 Call Forward On User Not Reachable", "5 Barring Of All Outgoing Calls", "6 Barring Of All Outgoing Int Calls" and "7 CLI Presentation" under the header of "0LargeMenu".	
5	USER → ME	Select item "5 Barring Of All Outgoing Calls".	
6	ME → SIM	TERMINAL RESPONSE: SELECT ITEM 1.6.1	Command performed successfully

[..]

TERMINAL RESPONSE: SELECT ITEM 1.6.1~~1.5~~

Logically:

Command details
- Command number: 1
- Command type: SELECT ITEM
- Command qualifier: "00"

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Command performed successfully

Item identifier
- Identifier of item chosen: FB

Coding:

BER-TLV:	81	03	01	24	00	82	02	82	81	83	01	00
	90	01	FB									

[..]

27.22.4.10.2.4.2 Procedure

Expected Sequence 2.1 (SEND SHORT MESSAGE, packing not required, UCS2 (16-bit data))

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SEND SHORT MESSAGE 2.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SEND SHORT MESSAGE 2.1.1	[packing not required, 16-bit data]
4	ME → USER	Display "Send SM"	[Alpha Identifier]
5	ME → SS	Send SMS-PP (SEND SHORT MESSAGE) Message 2.1	["ЗДРАВСТВУЙТЕ" = "Hello" in Russian]
6	SS → ME	SMS RP-ACK	
7	ME → SIM	TERMINAL RESPONSE: SEND SHORT MESSAGE 2.1.1	[Command performed successfully]

[..]

TERMINAL RESPONSE: SEND SHORT MESSAGE 2.1.1~~2.2.1~~

Logically:

Command details
- Command number: 1
- Command type: SEND SHORT MESSAGE
- Command qualifier: packing not required

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Command performed successfully

Coding:

BER-TLV:	81	03	01	13	00	82	02	82	81	83	01	00

[..]

27.22.4.12.1.4.2 Procedure

[..]

Expected Sequence 1.2 (SEND USSD, 8-bit data, successful)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SEND USSD 1.2.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SEND USSD 1.2.1	
4	ME → USER	Display "8-bit USSD"	
5	ME → SS	REGISTER 1.2	
6	SS → ME	RELEASE COMPLETE (SS RETURN RESULT) 1.2	["USSD string received from SS"]
7	ME → SIM	TERMINAL RESPONSE: SEND ~~SS~~ USSD 1.2.1	

[..]

TERMINAL RESPONSE: SEND USSD 1.2.1

Logically:

Command details
- Command number: 1
- Command type: SEND USSD
- Command qualifier: "00"

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Command performed successfully

Text String
- Data coding scheme: Uncompressed, no message class meaning, 8-bit data
- String: "USSD string received from SS"

Coding:

BER-TLV:	81	03	01	12	00	82	02	82	81	83	01
	00	8D	1D	04	55	53	53	44	20	73	74
	72	69	6E	67	20	72	65	63	65	69	76
	65	64	20	66	72	6F	6D	20	53	53	

[..]

Expected Sequence 1.3 (SEND USSD, UCS2 data, successful)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SEND USSD 1.3.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SEND USSD 1.3.1	
4	ME → USER	Display "UCS2 USSD"	
5	ME → SS	REGISTER 1.3	
6	SS → ME	RELEASE COMPLETE (SS RETURN RESULT) 1.3	["USSD string received from SS"]
7	ME → SIM	TERMINAL RESPONSE: SEND ~~SS~~ USSD 1.3.1	

[..]

TERMINAL RESPONSE: SEND USSD 1.3.1

Logically:

Command details
- Command number: 1
- Command type: SEND USSD
- Command qualifier: "00"

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Command performed successfully

Text String
- Data coding scheme: Uncompressed, no message class meaning, UCS2 (16 bit)
- String: "USSD string received from SS"

Coding:

BER-TLV:	81	03	01	12	00	82	02	82	81	83	01
	00	8D	39	08	00	55	00	53	00	53	00
	44	00	20	00	73	00	74	00	72	00	69
	00	6E	00	67	00	20	00	72	00	65	00
	63	00	65	00	69	00	76	00	65	00	64
	00	20	00	66	00	72	00	6F	00	6D	00
	20	00	53	00	53						

[..]

27.22.4.15.4.2 Procedure

Expected Sequence 1.1 (PROVIDE LOCAL INFORMATION, Local Info (MCC, MNC, LAC & Cell ID))

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: PROVIDE LOCAL INFORMATION 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: PROVIDE LOCAL INFORMATION 1.1.1	
4	ME → SIM	TERMINAL RESPONSE: PROVIDE LOCAL INFORMATION 1.1.1A or TERMINAL RESPONSE: PROVIDE LOCAL INFORMATION 1.1.1B	[Command performed successfully, MCC MNC LAC and Cell Identity as system simulator, option A shall apply for GSM parameters] [Command performed successfully, MCC MNC LAC and Cell Identity as system simulator, option B shall apply for PCS1900 parameters]

[..]

Expected Sequence 1.2 (PROVIDE LOCAL INFORMATION, IMEI of the ME)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: PROVIDE LOCAL INFORMATION 1.2.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: PROVIDE LOCAL INFORMATION 1.2.1	
4	ME → SIM	TERMINAL RESPONSE: PROVIDE LOCAL INFORMATION 1.2.1	[Command performed successfully, IMEI as system simulator]

[..]

Expected Sequence 1.3 (PROVIDE LOCAL INFORMATION, Network Measurement Results (NMR))

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: PROVIDE LOCAL INFORMATION 1.3.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: PROVIDE LOCAL INFORMATION 1.3.1	
4	ME → SIM	TERMINAL RESPONSE: PROVIDE LOCAL INFORMATION 1.3.1	[Command performed successfully, NMR as system simulator]

[..]

Expected Sequence 1.4 (PROVIDE LOCAL INFORMATION, Date, Time, Time Zone)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: PROVIDE LOCAL INFORMATION 1.4.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: PROVIDE LOCAL INFORMATION 1.4.1	
4	ME → SIM	TERMINAL RESPONSE: PROVIDE LOCAL INFORMATION 1.4.1	[Command performed successfully]

[..]

Expected Sequence 1.5 (PROVIDE LOCAL INFORMATION, Language setting)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: PROVIDE LOCAL INFORMATION 1.5.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: PROVIDE LOCAL INFORMATION 1.5.1	
4	ME → SIM	TERMINAL RESPONSE: PROVIDE LOCAL INFORMATION 1.5.1	[Command performed successfully]

[..]

Expected Sequence 1.6 (PROVIDE LOCAL INFORMATION, Timing advance)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: PROVIDE LOCAL INFORMATION 1.6.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: PROVIDE LOCAL INFORMATION 1.6.1	
4	ME → SIM	TERMINAL RESPONSE: PROVIDE LOCAL INFORMATION 1.6.1	[Command performed successfully]

[..]

27.22.4.16.1.4.2 Procedure

[..]

Expected Sequence 1.3 (SET UP EVENT LIST, Remove Event)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP EVENT LIST 1.3.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.3.1	[Call Connected Event]
	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.3.1	
4	SIM → ME	PROACTIVE COMMAND PENDING: SET UP EVENT LIST ~~1.3.1~~1.3.2	
5	ME → SIM	FETCH	
6	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.3.2	[Remove Event]
7	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.3.2	
8	SIM → ME	PROACTIVE SIM SESSION ENDED	
10	SS → ME	SETUP 1.3.2	[Incoming call alert]
11	USER → ME	User shall accept the incoming call	
12	ME → SS	CONNECT 1.3.2	
13	ME → SIM	No ENVELOPE: EVENT DOWNLOAD (call connected) sent	
14	SS → ME	DISCONNECT 1.3.2	

[..]

PROACTIVE COMMAND: SET UP EVENT LIST 1.3.2

Logically:

Command details
- Command number: 1
- Command type: SET UP EVENT LIST
- Command qualifier: '00'

Device identities
- Source device: SIM
- Destination device: ME
- Event list: Empty

Coding:

BER-TLV:	D0	0B	81	03	01	05	00	82	02	81	82	99
	00											

27.22.4.17.1.4.2 Procedure

Expected Sequence 1.2 (PERFORM CARD APDU, card reader 1, additional card inserted, Select DF GSM, Select EF PLMN , Update Binary, Read Binary on EF PLMN)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: POWER ON CARD 1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: POWER ON CARD 1.1	[Power on card reader 1]
4	ME → SIM2	RESET CARD	[Perform electrical initialization]
5	SIM2 → ME	ANSWER TO RESET 1.1	[ATR]
6	ME → SIM	TERMINAL RESPONSE: POWER ON CARD 1.1	[ATR]
7	SIM → ME	PROACTIVE COMMAND PENDING: PERFORM CARD APDU 1.2.1	
8	ME → SIM	FETCH	
9	SIM → ME	PROACTIVE COMMAND: PERFORM CARD APDU 1.2.1	[Select GSM]
10	ME → SIM2	C-APDU: SELECT 1.2a	[Select GSM]
11	SIM2 → ME	R-APDU: SELECT 1.2a	
12	ME → SIM	TERMINAL RESPONSE: PERFORM CARD APDU 1.2.1	
13	SIM → ME	PROACTIVE COMMAND PENDING: PERFORM CARD APDU 1.2.2	
14	ME → SIM	FETCH	
15	SIM → ME	PROACTIVE COMMAND: PERFORM CARD APDU 1.2.2	[Select PLMN]
16	ME → SIM2	C-APDU: SELECT 1.2b	[Select PLMN]
17	SIM2 → ME	R-APDU: SELECT 1.2b	
18	ME → SIM	TERMINAL RESPONSE: PERFORM CARD APDU 1.2.2	
19	SIM → ME	PROACTIVE COMMAND PENDING: PERFORM CARD APDU 1.2.3	
20	ME → SIM	FETCH	
21	SIM → ME	PROACTIVE COMMAND: PERFORM CARD APDU 1.2.3	[Update Binary]
22	ME → SIM2	C-APDU: UPDATE BINARY 1.2	[Update Binary]
23	SIM2 → ME	R-APDU: UPDATE BINARY 1.2	
24	ME → SIM	TERMINAL RESPONSE: PERFORM CARD APDU 1.2.3	
25	SIM → ME	PROACTIVE COMMAND PENDING: PERFORM CARD APDU 1.2.4	
26	ME → SIM	FETCH	
27	SIM → ME	PROACTIVE COMMAND: PERFORM CARD APDU 1.2.4	[Read Binary]
28	ME → SIM2	C-APDU: READ BINARY 1.2	[Read Binary]
29	SIM2 → ME	R-APDU: READ BINARY 1.2	
30	ME → SIM	TERMINAL RESPONSE: PERFORM CARD APDU 1.2.4	
31	SIM → ME	PROACTIVE COMMAND PENDING: PERFORM CARD APDU 1.2.5	
32	ME → SIM	FETCH	
~~31~~33	SIM → ME	PROACTIVE COMMAND: PERFORM CARD APDU 1.2.5	[Update Binary]
~~32~~34	ME → SIM2	C-APDU: UPDATE BINARY 1.2a	[Update Binary]
~~33~~35	SIM2 → ME	R-APDU: UPDATE BINARY 1.2	

Step	Direction	MESSAGE / Action	Comments
~~34~~36	ME → SIM	TERMINAL RESPONSE: PERFORM CARD APDU 1.2.3	

[..]

TERMINAL RESPONSE: PERFORM CARD APDU 1.2.4

Logically:

Command details
- Command number: 1
- Command type: PERFORM CARD APDU
- Command qualifier: "00"

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Command performed successfully

R-APDU
- R-APDU data
- Data: '00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0B 0E 0F 10 11 12 13 14 15 16 17'
- Status Words
- SW1 / SW2: Normal ending of command

Coding:

BER-TLV:	81	03	01	30	00	82	02	11	81	83	01	00
	A3~~2~~	~~81~~1A	00~~EF~~	01 ~~A0~~	02~~D6~~	03~~00~~	04~~00~~	05~~E C~~	06~~00~~	07~~01~~	08~~02~~	09~~03~~
	0A~~04~~	0B~~05~~	0C~~06~~	0D~~07~~	0E~~08~~	0F~~09~~	10~~0A~~	11~~0B~~	12~~0C~~	13~~0D~~	14~~0E~~	15~~0F~~
	16~~10~~	17~~11~~	90~~12~~	00~~13~~	~~14~~	~~15~~	~~16~~	~~17~~	~~90~~	~~00~~		

[..]

Expected Sequence 1.5 (PERFORM CARD APDU, card reader 7 (which is not the valid card reader identifier of the additional ME card reader))

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: PEFORM CARD APDU 1.5.1	[invalid card reader ID]
3	ME → SIM	FETCH	
4	SIM → ME	PROACTIVE COMMAND: PERFORM CARD APDU 1.5.1	[Select Master File]
5	ME → SIM	TERMINAL RESPONSE: PERFORM CARD APDU 1.5.1	[Specified reader not valid]

PROACTIVE COMMAND: PERFORM CARD APDU ~~1.1.1~~1.5.1

Logically:

Command details
- Command number: 1
- Command type: PERFORM CARD APDU
- Command qualifier: "00"

Device identities
- Source device: SIM
- Destination device: Card Reader 7

C-APDU
- Class: 'A0'
- Instruction: SELECT

P1 parameter: '00'
P2 parameter: '00'
Lc: '02'
Data: Master File

Coding:

BER-TLV:	D0	12	81	03	01	30	00	82	02	81	17	A2
	07	A0	A4	00	00	02	3F	00				

[..]

27.22.4.17.2.4.2 Procedure

Expected Sequence 2.1 (PERFORM CARD APDU, card reader 1, card reader detached)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: PEFORM CARD APDU 2.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: PERFORM CARD APDU ~~1.1.1~~2.1.1	[Select Master File]
4	ME → SIM	TERMINAL RESPONSE: PERFORM CARD APDU 2.1.1	[Card reader detached]

PROACTIVE COMMAND: PERFORM CARD APDU 2.1.1

Logically:

Command details
- Command number: 1
- Command type: PERFORM CARD APDU
- Command qualifier: "00"

Device identities
- Source device: SIM
- Destination device: Card Reader 1

C-APDU
- Class: 'A0'
- Instruction: SELECT
- P1 parameter: '00'
- P2 parameter: '00'
- Lc: '02'
- Data: Master File

Coding:

BER-TLV:	D0	12	81	03	01	30	00	82	02	81	11	A2
	07	A0	A4	00	00	02	3F	00				

[..]

27.22.4.19.2.4.2 Procedure

Expected Sequence 2.1 (POWER ON CARD, card reader 1, no card reader attached)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: POWER ON CARD 2.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: POWER ON CARD 2.1.1	[Power on card reader 1]
4	ME → SIM	TERMINAL RESPONSE: POWER ON CARD 2.1.1	[Card reader removed or not present]

[..]

TERMINAL RESPONSE: POWER ON CARD ~~1.1.1~~2.1.1

Logically:

Command details
- Command number: 1
- Command type: POWER ON CARD
- Command qualifier: "00"

Device identities
- Source device: Card reader 0
- Destination device: SIM

Result
- General Result: MultipleCard commands error
- Additional Information: Card reader removed or not present

Coding:

BER-TLV:	81	03	01	31	00	82	02	82	81	83	02	38
	01											

[..]

27.22.4.20.1.4.2 Procedure

Expected Sequence 1.1 (GET CARD READER STATUS, card reader 1, card inserted, card powered)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: POWER ON CARD 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND ~~PENDING~~: POWER ON CARD 1.1.1	[Power on card reader 1]
4	ME → SIM2	RESET CARD	[Perform electrical initialization]
5	SIM2 → ME	ANSWER TO RESET 1.1.1	[ATR]
6	ME → SIM	TERMINAL RESPONSE: POWER ON CARD 1.1.1	[ATR]
7	SIM → ME	PROACTIVE COMMAND PENDING: GET CARD READER STATUS 1.1.1	
8	ME → SIM	FETCH	
9	SIM → ME	PROACTIVE COMMAND: GET CARD READER STATUS 1.1.1	[Get Card Reader Status]
10	ME → SIM	TERMINAL RESPONSE: GET CARD READER STATUS 1.1.1a Or TERMINAL RESPONSE: GET CARD READER STATUS 1.1.1b or TERMINAL RESPONSE: GET CARD READER STATUS 1.1.1c or TERMINAL RESPONSE: GET CARD READER STATUS 1.1.1d	[Successful] [Successful] [Successful] [Successful]

[..]

27.22.4.21.1.4.2 Procedure

[..]

Expected Sequence 1.6 (TIMER MANAGEMENT, start 8 timers successfully)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.6.1	
2	ME → SIM	FETCH	
3		PROACTIVE COMMAND: TIMER MANAGEMENT 1.6.1	[timer 1]
4	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.6.1	[command performed successfully]
5	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.6.2	
6	ME → SIM	FETCH	
7		PROACTIVE COMMAND: TIMER MANAGEMENT 1.6.2	[timer 2]
8	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.6.2	[command performed successfully]
9	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.6.3	
10	ME → SIM	FETCH	
11		PROACTIVE COMMAND: TIMER MANAGEMENT 1.6.3	[timer 3]
12	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.6.3	[command performed successfully]
13	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.6.4	
14	ME → SIM	FETCH	
15		PROACTIVE COMMAND: TIMER MANAGEMENT 1.6.4	[timer 4]
16	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.6.4	[command performed successfully]
17	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.6.5	
18	ME → SIM	FETCH	
19		PROACTIVE COMMAND: TIMER MANAGEMENT 1.6.5	[timer 5]
20	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.6.5	[command performed successfully]
21	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.6.6	
22	ME → SIM	FETCH	
23		PROACTIVE COMMAND: TIMER MANAGEMENT 1.6.6	[timer 6]
24	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.6.6	[command performed successfully]
25	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.6.7	
26	ME → SIM	FETCH	
27		PROACTIVE COMMAND: TIMER MANAGEMENT ~~1.6.6~~1.6.7	[timer 7]
28	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.6.7	[command performed successfully]
29	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.6.8	
30	ME → SIM	FETCH	
31		PROACTIVE COMMAND: TIMER MANAGEMENT 1.6.8	[timer 8]
32	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.6.8	[command performed successfully]

[..]

PROACTIVE COMMAND: TIMER MANAGEMENT 1.6.7

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: start the Timer

Device identities
- Source device: SIM
- Destination device: ME

Timer identifier
- Identifier of timer: 7

Timer value
- Value of timer: 5 s

Coding:

BER-TLV:	D0	11	81	03	01	27	00	82	02	81	82	A4
	01	07	A5	03	00	00	50					

[..]

27.22.4.22.1.4.2 Procedure

[..]

Expected Sequence 1.2 (SET UP IDLE MODE TEXT, replace idle mode text)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP IDLE MODE TEXT 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP IDLE MODE TEXT 1.1.1	[Idle Mode Text]
4	ME → SIM	TERMINAL RESPONSE: SET UP IDLE MODE TEXT 1.1.1	
5	USER → ME	Select idle screen	Only if idle screen not already available
6	ME → USER	Display "Idle Mode Text"	
7	SIM → ME	PROACTIVE COMMAND PENDING: SET UP IDLE MODE TEXT 1.2.1	[Idle Mode Text]
8	ME → SIM	FETCH	
9	SIM → ME	PROACTIVE COMMAND: SET UP IDLE MODE TEXT 1.2.1	[Idle Mode Text]
~~8~~10	ME → SIM	TERMINAL RESPONSE: SET UP IDLE MODE TEXT 1.2.1	
~~9~~11	SIM → ME	PROACTIVE SIM SESSION ENDED	
~~10~~12	USER → ME	Select idle screen	Only if idle screen not already available
~~11~~13	ME → USER	Display "Toolkit Test"	

[..]

27.22.4.27.1.4.2 Procedure

[..]

Expected Sequence 1.9 (OPEN CHANNEL, immediate link establishment, CSD, No channel available)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: OPEN CHANNEL 1.9.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: OPEN CHANNEL (immediate) 1.9.1	
4	ME → SS	SETUP CALL	
5	SS → ME	CONNECTED	
6	ME → SIM	TERMINAL RESPONSE: OPEN CHANNEL (immediate) 1.9.1	[Command performed successfully]
7	SIM → ME	PROACTIVE COMMAND PENDING: OPEN CHANNEL 1.9.2	
8	ME → SIM	FETCH	
9~~7~~	SIM → ME	PROACTIVE COMMAND: OPEN CHANNEL (immediate) 1.9.2	
~~8~~10	ME → SIM	TERMINAL RESPONSE: OPEN CHANNEL (immediate) 1.9.2	[Bearer independent protocol error]

[..]

27.22.4.29.4.2 Procedure

Expected sequence 1.1 (RECEIVE DATA, already opened channel)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1 PENDING	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1	
4	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1	
5	SIM → ME	PROACTIVE COMMAND PENDING: OPEN CHANNEL 1.1.1A or PROACTIVE COMMAND PENDING: OPEN CHANNEL 1.1.1B	See initial conditions
6	ME → SIM	FETCH	
7	SIM → ME	PROACTIVE COMMAND: OPEN CHANNEL (immediate) 1.1.1A or PROACTIVE COMMAND: OPEN CHANNEL 1.1.1B	
8	ME → SS	SETUP CALL	
9	SS → ME	CONNECTED	
10	ME → SIM	TERMINAL RESPONSE: OPEN CHANNEL 1.1.1A or TERMINAL RESPONSE: OPEN CHANNEL 1.1.1B	[Command performed successfully]
11	SS → ME	Transfer of 1kB data to the ME through channel 1	
12	ME → SIM	ENVELOPE (Data Available)	(1000 ~~k~~Bytes of data in the ME buffer)
13	SIM → ME	PROACTIVE COMMAND PENDING: RECEIVE DATA 1.1.1	
14	ME → SIM	FETCH	
15	SIM → ME	PROACTIVE COMMAND: RECEIVE DATA 1.1.1	200 Bytes
16	ME → SIM	TERMINAL RESPONSE: RECEIVE DATA 1.1.1	
17	SIM → ME	PROACTIVE COMMAND PENDING: RECEIVE DATA 1.1.2	
18	ME → SIM	FETCH	
19	SIM → ME	PROACTIVE COMMAND: RECEIVE DATA 1.1.2	200 Bytes
20	ME → SIM	TERMINAL RESPONSE: RECEIVE DATA 1.1.2	
21	SIM → ME	PROACTIVE COMMAND PENDING: RECEIVE DATA 1.1.3	
22	ME → SIM	FETCH	
23	SIM → ME	PROACTIVE COMMAND: RECEIVE DATA 1.1.3	200 Bytes
24	ME → SIM	TERMINAL RESPONSE: RECEIVE DATA 1.1.3	
25	SIM → ME	PROACTIVE COMMAND PENDING: RECEIVE DATA 1.1.4	
26	ME → SIM	FETCH	
27	SIM → ME	PROACTIVE COMMAND: RECEIVE DATA 1.1.4	200 Bytes
28	ME → SIM	TERMINAL RESPONSE: RECEIVE DATA 1.1.4	
29	SIM → ME	PROACTIVE COMMAND PENDING: RECEIVE DATA 1.1.5	
30	ME → SIM	FETCH	
31	SIM → ME	PROACTIVE COMMAND: RECEIVE DATA 1.1.5	200 Bytes
32	ME → SIM	TERMINAL RESPONSE: RECEIVE DATA 1.1.5	

[..]

TERMINAL RESPONSE: RECEIVE DATA 1.1.1

Logically:

Command details
Command number: 1
Command type: RECEIVE DATA
Command qualifier: RFU
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Command performed successfully
Channel Data : 00 01 02 .. C7 (200 Bytes of data)
Channel data length: FF

Coding:

BER-TLV:	81	03	01	42	00	82	02	82	81	83	01	00
	B6	81C8	C800	0001	0102	02..	..C7	C7B7	B701	01FF	FF	

TERMINAL RESPONSE: RECEIVE DATA 1.1.2

Logically:

Command details
Command number: 2
Command type: RECEIVE DATA
Command qualifier: RFU
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Command performed successfully
Channel Data : C8 C9 CA .. FF 00 01 .. 8F (200 Bytes of data)
Channel data length: FF

Coding:

BER-TLV:	81	03	02	42	00	82	02	82	81	83	01	00
	B6	81C8	C8C8	C8C9	C9CA	CA..	..FF	FF00	0001	0102	02..	..8F
	8FB7	B701	01FF	FF								

TERMINAL RESPONSE: RECEIVE DATA 1.1.3

Logically:

Command details
Command number: 3
Command type: RECEIVE DATA
Command qualifier: RFU
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Command performed successfully
Channel Data : 90 91 .. FF 00 01 – 57 (200 Bytes of data)
Channel data length: FF

Coding:

BER-TLV:	81	03	03	42	00	82	02	82	81	83	01	00

B6	81C8	C891	9191	9192	92..	..FF	FF00	0001	0102	02..	..57
57B7	B7 01	01FF	FF								

TERMINAL RESPONSE: RECEIVE DATA 1.1.4

Logically:

Command details
- Command number: 4
- Command type: RECEIVE DATA
- Command qualifier: RFUDevice identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Command performed successfully

Channel Data : 58 59 .. FF 00 01 .. 1F (200 Bytes of data)

Channel data length: C8

Coding:

BER-TLV:	81	03	04	42	00	82	02	82	81	83	01	00
	B6	81C8	C858	5859	595A	5A..	..FF	FF00	0001	0102	02..	..1F
	1FB7	B7 01	01C8	C8								

TERMINAL RESPONSE: RECEIVE DATA 1.1.5

Logically:

Command details
- Command number: 5
- Command type: RECEIVE DATA
- Command qualifier: RFUDevice identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Command performed successfully

Channel Data: 20 21 .. E7 (200 Bytes of data)

Channel data length: 00

Coding:

BER-TLV:	81	03	01	42	00	82	02	82	81	83	01	00
	B6	81C8	C820	2021	2122	22..	..E7	E7B 7	B701	0100	00	

[..]

27.22.4.30.4.2 Procedure

[..]

Expected sequence 1.4 (SEND DATA, 2 consecutive SEND DATA Store mode)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: OPEN CHANNEL 1.1.1A or PROACTIVE COMMAND PENDING: OPEN CHANNEL 1.1.1B	See initial conditions
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: OPEN CHANNEL1.1.1A or PROACTIVE COMMAND: OPEN CHANNEL 1.1.1B	
4	ME → SS	SETUP CALL	
5	SS → ME	CONNECTED	
6	ME → SIM	TERMINAL RESPONSE: OPEN CHANNEL 1.1.1A or TERMINAL RESPONSE: OPEN CHANNEL 1.1.1B	[Command performed successfully]
7	SIM → ME	PROACTIVE COMMAND PENDING: SEND DATA 1.3.1	
8	ME → SIM	FETCH	
9	SIM → ME	PROACTIVE COMMAND: SEND DATA (store mode) 1.3.1	Send 1000 ~~k~~Bytes of data by packets of 200 Bytes
10	ME → SIM	TERMINAL RESPONSE: SEND DATA (store mode) 1.3.1	[Command performed successfully]
11	SIM → ME	PROACTIVE COMMAND PENDING: SEND DATA 1.3.2	
12	ME → SIM	FETCH	
13	SIM → ME	PROACTIVE COMMAND: SEND DATA (store mode) 1.3.2	[200 Bytes]
14	ME → SIM	TERMINAL RESPONSE: SEND DATA (store mode) 1.3.2	[Command performed successfully]
15	SIM → ME	PROACTIVE COMMAND PENDING: SEND DATA 1.3.3	
16	ME → SIM	FETCH	
17	SIM → ME	PROACTIVE COMMAND: SEND DATA (store mode) 1.3.3	[200 Bytes]
18	ME → SIM	TERMINAL RESPONSE: SEND DATA (store mode) 1.3.3	[Command performed successfully]
19	SIM → ME	PROACTIVE COMMAND PENDING: SEND DATA 1.3.4	
20	ME → SIM	FETCH	
21	SIM → ME	PROACTIVE COMMAND: SEND DATA (store mode) 1.3.4	[200 Bytes]
22	ME → SIM	TERMINAL RESPONSE: SEND DATA (store mode) 1.3.4	[Command performed successfully]
23	SIM → ME	PROACTIVE COMMAND PENDING: SEND DATA 1.3.5	…
24	ME → SIM	FETCH	
25~~24~~	SIM → ME	PROACTIVE COMMAND: SEND DATA (immediate) 1.3.5	
26~~25~~	ME → SIM	TERMINAL RESPONSE: SEND DATA (immediate) 1.3.5	[Command performed successfully]
27~~26~~	SIM → ME	PROACTIVE COMMAND PENDING: SEND DATA 1.3.1	
28~~27~~	ME → SIM	FETCH	
29~~28~~	SIM → ME	PROACTIVE COMMAND: SEND DATA (store mode) 1.3.1	Send 1000 ~~k~~Bytes of data by packets of 200 Bytes
30~~29~~	ME → SIM	TERMINAL RESPONSE: SEND DATA (store mode) 1.3.1	[Command performed successfully]
31~~30~~	SIM → ME	PROACTIVE COMMAND PENDING: SEND DATA 1.3.2	
32~~31~~	ME → SIM	FETCH	
33~~32~~	SIM → ME	PROACTIVE COMMAND: SEND DATA (store mode) 1.3.2	[200 Bytes]
34~~33~~	ME → SIM	TERMINAL RESPONSE: SEND DATA (store mode) 1.3.2	[Command performed successfully]

3534	SIM → ME	PROACTIVE COMMAND PENDING: SEND DATA 1.3.3	
3635	ME → SIM	FETCH	
3736	SIM → ME	PROACTIVE COMMAND: SEND DATA (store mode) 1.3.3	[200 Bytes]
3837	ME → SIM	TERMINAL RESPONSE: SEND DATA (store mode) 1.3.3	[Command performed successfully]
3938	SIM → ME	PROACTIVE COMMAND PENDING: SEND DATA 1.3.4	
4039	ME → SIM	FETCH	
4140	SIM → ME	PROACTIVE COMMAND: SEND DATA (store mode) 1.3.4	[200 Bytes]
4241	ME → SIM	TERMINAL RESPONSE: SEND DATA (store mode) 1.3.4	[Command performed successfully]
4342	SIM → ME	PROACTIVE COMMAND PENDING: SEND DATA 1.3.5	…
44	ME → SIM	FETCH	
4543	SIM → ME	PROACTIVE COMMAND: SEND DATA (immediate) 1.3.5	
4446	ME → SIM	TERMINAL RESPONSE: SEND DATA (immediate) 1.3.5	[Command performed successfully]

[..]

27.22.5.1.4.2 Procedure

[..]

Expected Sequence 1.2 (SMS-PP Data Download, General Data Coding, Default Alphabet, GET RESPONSE, Acknowledgement)

Step	Direction	MESSAGE / Action	Comments
1	SS → ME	SMS-PP Data Download Message 1.2.1	
2	ME → USER	The ME shall not display the message or alert the user of a short message waiting.	
3	ME → SIM	ENVELOPE: SMS-PP DOWNLOAD 1.2.2	
4	SIM → ME	RESPONSE DATA AVAILABLE	[SW1 / SW2 of '9F 0B']
5	ME → SIM	GET RESPONSE	
6	SIM → ME	SMS-PP Data Download SIM Acknowledgement ~~1.2.3~~1.2.4	
7	ME → SS	SMS-PP Data Download SIM Acknowledgement 1.2.4 in the TP-User-Data element of the RP-ACK message. The values of protocol identifier and data coding scheme in RP-ACK shall be as in the original message.	

Expected Sequence 1.3 (SMS-PP Data Download, General Data Coding, Default Alphabet, FETCH, MORE TIME)

Step	Direction	MESSAGE / Action	Comments
1	SS → ME	SMS-PP Data Download Message 1.3.1	
2	ME → USER	The ME shall not display the message or alert the user of a short message waiting	
3	ME → SIM	ENVELOPE: SMS-PP DOWNLOAD 1.3.2	
4	SIM → ME	PROACTIVE COMMAND PENDING: MORE TIME ~~1.3.3~~1.3.4	[SW1 / SW2 of '91 0B']
5	ME → SS	RP-ACK	
6	ME → SIM	FETCH	
7	SIM → ME	PROACTIVE COMMAND: MORE TIME 1.3.4	
8	ME → SIM	TERMINAL RESPONSE: MORE TIME 1.3.5	
9	SIM → ME	PROACTIVE SIM SESSION ENDED	

PROACTIVE COMMAND: MORE TIME 1.3.4

Logically:

Command details
- Command number: 1
- Command type: MORE TIME
- Command qualifier: "00"

Device identities
- Source device: SIM

Destination device: ME

Coding:

BER-TLV:	D0	09	81	03	01	02	00	82	02	81	82

[..]

SMS-PP Data Download SIM Acknowledgement 1.2.4

Coding:

BER-TLV:	50	68	69	6C	20	48	6F	6F	6B	65	72

[..]

27.22.7.5.1.4.2 Procedure

Expected Sequence 1.1 (EVENT DOWNLOAD -USER ACTIVITY)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP EVENT LIST 1.1.1	[set up event list: event User Activity]
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1	[set up event list: event User Activity]
~~2~~4	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1	[command performed successfully]
~~3~~5	USER → ME	press any key	
~~4~~6	ME → SIM	ENVELOPE EVENT DOWNLOAD -USER ACTIVITY 1.1.1	
~~5~~7	USER → ME	press any key	check if no envelope Event Download-User activity sending to the SIM (this event is reported once)

[..]

27.22.7.6.1.4.2 Procedure

Expected Sequence 1.1 (EVENT DOWNLOAD - IDLE SCREEN AVAILABLE)

Step	Direction	MESSAGE / Action	Comments
1	USER → ME	Select screen other than the ME idle screen	
2	SIM → ME	PROACTIVE COMMAND PENDING: SET UP EVENT LIST 1.1.1	[set up event list: idle screen available]
3	ME → SIM	FETCH	
4	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1	[set up event list: idle screen available]
~~3~~5	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1	[command performed successfully]
~~4~~6	USER → ME	Select ME idle screen	
~~5~~7	ME → SIM	ENVELOPE: IDLE SCREEN AVAILABLE 1.1.1	
~~6~~8	USER → ME	Select ME idle screen	check if no envelope Event Download- idle screen sending to the SIM (this event is reported once)

[..]

27.22.7.8.1.4.2 Procedure

Expected Sequence 1.1 (EVENT DOWNLOAD - LANGUAGE SELECTION)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP EVENT LIST 1.1.1	[set up event list: language selection]
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1	[set up event list: language selection]
~~2~~4	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1	[command performed successfully]
~~3~~5	USER → ME	Change the language to German.	
~~4~~6	ME → SIM	ENVELOPE: LANGUAGE SELECTION 1.1.1	
~~5~~7	USER → ME	Change the language to English	
~~6~~8	ME → SIM	ENVELOPE: LANGUAGE SELECTION 1.1.2	check if an envelope Event Download-language selection is sending again to the SIM (this event is continuously reported)

[..]

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040777

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A087** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4 R99: Clarification of PLAY TONE test case
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:
Ph2 (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)
Rel-7 (Release 7)

Reason for change:	⌘	Current text in step 91 is unclear – it is unclear what the user has to do.
Summary of change:	⌘	Update the text in step 91 to make it clearer what action the user is expected to take.
Consequences if not approved:	⌘	Users may not be sure as to what action to take, and as to when the ME is correct or not.

Clauses affected:	⌘	27.22.4.5.4.2			
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.

27.22.4.5.4.2 Procedure

Expected Sequence 1.1 (PLAY TONE)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.1	
4	ME → USER	Display "Dial Tone" Play a standard supervisory dial tone through the external ringer for a duration of 5 s	
5	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.1	[Command performed successfully]
6	SIM → ME	PROACTIVE SIM SESSION ENDED	
7	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.2	
8	ME → SIM	FETCH	
9	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.2	
10	ME → USER	Display "Sub. Busy" Play a standard supervisory called subscriber busy tone for a duration of 5 s	
11	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.2	[Command performed successfully]
12	SIM → ME	PROACTIVE SIM SESSION ENDED	
13	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.3	
14	ME → SIM	FETCH	
15	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.3	
16	ME → USER	Display "Congestion" Play a standard supervisory congestion tone for a duration of 5 s	
17	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.3	[Command performed successfully]
18	SIM → ME	PROACTIVE SIM SESSION ENDED	
19	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.4	
20	ME → SIM	FETCH	
21	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.4	
22	ME → USER	Display "RP Ack" Play a standard supervisory radio path acknowledgement tone	
23	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.4	[Command performed successfully]
24	SIM → ME	PROACTIVE SIM SESSION ENDED	
25	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.5	
26	ME → SIM	FETCH	
27	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.5	

Step	Direction	MESSAGE / Action	Comments
28	ME → USER	Display "No RP" Play a standard supervisory radio path not available / call dropped tone for a duration of 5 s	
29	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.5	[Command performed successfully]
30	SIM → ME	PROACTIVE SIM SESSION ENDED	
31	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.6	
32	ME → SIM	FETCH	
33	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.6	
34	ME → USER	Display "Spec Info" Play a standard supervisory error / special information tone for a duration of 5 s	
35	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.6	[Command performed successfully]
36	SIM → ME	PROACTIVE SIM SESSION ENDED	
37	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.7	
38	ME → SIM	FETCH	
39	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.7	
40	ME → USER	Display "Call Wait" Play a standard supervisory call waiting tone for a duration of 5 s	
41	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.7	[Command performed successfully]
42	SIM → ME	PROACTIVE SIM SESSION ENDED	
43	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.8	
44	ME → SIM	FETCH	
45	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.8	
46	ME → USER	Display "Ring Tone" Play a standard supervisory ringing tone for duration of 5 s	
47	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.8	[Command performed successfully]
48	SIM → ME	PROACTIVE SIM SESSION ENDED	
49	USER → ME	Set up a voice call	[User dials 123456789 to connect to the network manually]
50	ME → Network	Establish voice call	[Voice call is established]
51	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.9	
52	ME → SIM	FETCH	
53	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.9	
54	ME → USER	Display "Dial Tone" Superimpose the standard supervisory dial tone on the audio downlink for the duration of 5 s	
55	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.9	[Command performed successfully]
56	SIM → ME	PROACTIVE SIM SESSION ENDED	
57	USER → ME	The user ends the call	

Step	Direction	MESSAGE / Action	Comments
58	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.10	
59	ME → SIM	FETCH	
60	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.10	
61	ME → USER	Display "This command instructs the ME to play an audio tone. Upon receiving this command, the ME shall check if it is currently in, or in the process of setting up (SET-UP message sent to the network, see GSM"04.08"(8)), a speech call. - If the ME I"	
		Play a general beep	
62	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.10a	[Command performed successfully]
		or	or
		TERMINAL RESPONSE: PLAY TONE 1.1.10b	[Command beyond ME's capabilities]
63	SIM → ME	PROACTIVE SIM SESSION ENDED	
64	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.11	
65	ME → SIM	FETCH	
66	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.11	
67	ME → USER	Display "Beep"	
		Play a ME proprietary general beep	
68	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.11a	[Command performed successfully]
		Or	or
		TERMINAL RESPONSE: PLAY TONE 1.1.11b	[Command beyond ME's capabilities]
69	SIM → ME	PROACTIVE SIM SESSION ENDED	
70	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.12	
71	ME → SIM	FETCH	
72	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.12	
73	ME → USER	Display "Positive"	
		Play a ME proprietary positive acknowledgement tone	
74	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.12a	[Command performed successfully]
		or	or
		TERMINAL RESPONSE: PLAY TONE 1.1.12b	[Command beyond ME's capabilities]
75	SIM → ME	PROACTIVE SIM SESSION ENDED	
76	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.13	
77	ME → SIM	FETCH	
78	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.13	
79	ME → USER	Display "Negative"	
		Play a ME proprietary negative acknowledgement tone	

Step	Direction	MESSAGE / Action	Comments
80	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.13a or TERMINAL RESPONSE: PLAY TONE 1.1.13b	[Command performed successfully] or [Command beyond ME's capabilities]
81	SIM → ME	PROACTIVE SIM SESSION ENDED	
82	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.14	
83	ME → SIM	FETCH	
84	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.14	
85	ME → USER	Display "Quick" Play a ME proprietary general beep	
86	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.14a or TERMINAL RESPONSE: PLAY TONE 1.1.14b	[Command performed successfully] or [Command beyond ME's capabilities]
87	SIM → ME	PROACTIVE SIM SESSION ENDED	
88	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.15	
89	ME → SIM	FETCH	
90	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.15	
91	ME → USER	Display "<ABORT>" Play an ME Error / Special information tone ~~for 1 minute~~ until user aborts this command (the command shall be aborted by the user within 1 minute)	
92	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.15	[Proactive SIM session terminated by the user]
93	SIM → ME	PROACTIVE SIM SESSION ENDED	
94	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.16	
95	ME → SIM	FETCH	
96	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.16	[No alpha identifier, no tone tag, no duration tag]
97	ME → User	ME plays general beep, or if not supported any (defined by ME-manufacturer) other supported tone	[ME uses default duration defined by ME-manufacturer]
98	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.16	[Command performed successfully], [ME uses general beep, or if not supported any (defined by ME-manufacturer) other supported tone, uses default duration defined by ME-manufacturer]
99	SIM → ME	PROACTIVE SIM SESSION ENDED	

[..]

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040778

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A088** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4 R99: Clarification of RECEIVE DATA test case
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:
Ph2 (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)
Rel-7 (Release 7)

Reason for change:	⌘	RECEIVE DATA, sequence 1.1, step 12 says “ENVELOPE (Data Available)”. The details of the ENVELOPE are not specified, making possible different interpretations of what constitutes a correct ENVELOPE. The comment in step 12 refers to 1kB of data which is incorrect.
Summary of change:	⌘	The contents of the ENVELOPE are specified after the sequence. The comment in step 12 has been updated to refer to 1000 Bytes of data.
Consequences if not approved:	⌘	There may be differing interpretations of what constitutes a correct ENVELOPE.

Clauses affected:	⌘	27.22.4.29.4.2

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:
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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.

27.22.4.29.4.2 Procedure

Expected sequence 1.1 (RECEIVE DATA, already opened channel)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1 PENDING	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1	
4	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1	
5	SIM → ME	PROACTIVE COMMAND PENDING: OPEN CHANNEL 1.1.1A or PROACTIVE COMMAND PENDING: OPEN CHANNEL 1.1.1B	See initial conditions
6	ME → SIM	FETCH	
7	SIM → ME	PROACTIVE COMMAND: OPEN CHANNEL (immediate) 1.1.1A or PROACTIVE COMMAND: OPEN CHANNEL 1.1.1B	
8	ME → SS	SETUP CALL	
9	SS → ME	CONNECTED	
10	ME → SIM	TERMINAL RESPONSE: OPEN CHANNEL 1.1.1A or TERMINAL RESPONSE: OPEN CHANNEL 1.1.1B	[Command performed successfully]
11	SS → ME	Transfer of 1000~~k~~Bytes of data to the ME through channel 1	
12	ME → SIM	ENVELOPE: EVENT DOWNLOAD - Data available 1.1.1~~ENVELOPE (Data Available)~~	(1000 ~~k~~Bytes of data in the ME buffer)
13	SIM → ME	PROACTIVE COMMAND PENDING: RECEIVE DATA 1.1.1	
14	ME → SIM	FETCH	
15	SIM → ME	PROACTIVE COMMAND: RECEIVE DATA 1.1.1	200 Bytes
16	ME → SIM	TERMINAL RESPONSE: RECEIVE DATA 1.1.1	
17	SIM → ME	PROACTIVE COMMAND PENDING: RECEIVE DATA 1.1.2	
18	ME → SIM	FETCH	
19	SIM → ME	PROACTIVE COMMAND: RECEIVE DATA 1.1.2	200 Bytes
20	ME → SIM	TERMINAL RESPONSE: RECEIVE DATA 1.1.2	
21	SIM → ME	PROACTIVE COMMAND PENDING: RECEIVE DATA 1.1.3	
22	ME → SIM	FETCH	
23	SIM → ME	PROACTIVE COMMAND: RECEIVE DATA 1.1.3	200 Bytes
24	ME → SIM	TERMINAL RESPONSE: RECEIVE DATA 1.1.3	
25	SIM → ME	PROACTIVE COMMAND PENDING: RECEIVE DATA 1.1.4	
26	ME → SIM	FETCH	
27	SIM → ME	PROACTIVE COMMAND: RECEIVE DATA 1.1.4	200 Bytes
28	ME → SIM	TERMINAL RESPONSE: RECEIVE DATA 1.1.4	
29	SIM → ME	PROACTIVE COMMAND PENDING: RECEIVE DATA 1.1.5	
30	ME → SIM	FETCH	
31	SIM → ME	PROACTIVE COMMAND: RECEIVE DATA 1.1.5	200 Bytes
32	ME → SIM	TERMINAL RESPONSE: RECEIVE DATA 1.1.5	

[..]

TERMINAL RESPONSE: OPEN CHANNEL 1.1.1B

Logically:

Command details

Command number: 1
Command type: OPEN CHANNEL
Command qualifier: immediate link establishment
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Command performed successfully
Channel status Channel identifier 1 and link established or PDP context activated
Bearer description
Bearer type: GPRS
Bearer parameter:
Precedence Class: 02
Delay Class: 04
Reliability Class: 05
Peak throughput class: 05
Mean throughput class: 16
Packet data protocol: 02 (IP)
Buffer
Buffer size: 1000

Coding:

BER-TLV:	81	03	01	40	01	82	02	82	81	83	01	00
	38	02	81	00	35	07	02	02	04	05	05	10
	02	39	02	03	E8							

ENVELOPE: EVENT DOWNLOAD - Data available 1.1.1

Logically:

Event list
Event: Data available
Device identities
Source device: ME
Destination device: SIM
Channel status
Channel status: Channel 1 open, link established
Channel Data Length
Channel data length: FF (more than 255 bytes are available)

Coding:

BER-TLV:	D6	0E	99	01	09	82	02	82	81	B8	02	81
	00	B7	01	FF								

PROACTIVE COMMAND: RECEIVE DATA 1.1.1

Logically:

Command details
Command number: 1
Command type: RECEIVE DATA
Command qualifier: RFU
Device identities
Source device: SIM
Destination device: Channel 1
Channel Data Length

Channel Data Length: 200

Coding:

BER-TLV:	D0	0C	81	03	01	42	00	82	02	81	21	B7
	01	C8										

[..]

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040780

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A090** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4 R99: Modification of 27.22.1 PROFILE DOWNLOAD
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:
Ph2 (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)
Rel-7 (Release 7)

Reason for change:	⌘	In practice, many MEs fail 27.22.1 PROFILE DOWNLOAD, because they select and read EF_{PHASE} before running the CHV verification procedure. This means that the main purpose of the test – to check that the TERMINAL PROFILE is sent – is not carried out. If the EF_{PHASE} steps are removed and replaced with a comment stating that EF PHASE shall be read prior to the Profile Download then the main purpose of the test can be fulfilled.
Summary of change:	⌘	Remove steps 10 and 11 – SELECT EF_{PHASE} and READ BINARY EF_{PHASE} and add a new comment to Step 12.
Consequences if not approved:	⌘	For many MEs, it will not be possible to fulfil the main purpose of the test, even though they do actually send a TERMINAL PROFILE after the CHV verification procedure.

Clauses affected:	⌘	27.22.1

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:

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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.

27.22.1 Initialization of SIM Application Toolkit Enabled SIM by SIM Application Toolkit Enabled ME (Profile Download)

27.22.1.1 Definition and applicability

See clause 3.2.2.

27.22.1.2 Conformance requirement

The ME shall support the PROFILE DOWNLOAD command as defined in:

- 3GPP TS 11.14 [15] clause 5.2.

27.22.1.3 Test purpose

To verify that the ME sends a TERMINAL PROFILE command in accordance with the above requirements.

27.22.1.4 Method of test

27.22.1.4.1 Initial conditions

The ME is connected to the SIM Simulator. All elementary files are coded as the default Toolkit personalization, with the CHV1 enabled.

27.22.1.4.2 Procedure

Expected Sequence 1 (PROFILE DOWNLOAD)

Step	Direction	Message / Action	Comments
1	USER → ME	Power on ME	
2	ME → USER	PIN entry request	
3	USER → ME	Enter "1111"	
...			
4	ME → SIM	VERIFY CHV1 1.1A	[CHV1 code: "1111"]
5	SIM → ME	VERIFY CHV ATTEMPT UNSUCCESSFUL 1.1A	
...			
6	ME → USER	PIN entry request	
7	USER → ME	Enter "1234"	
8	ME → SIM	VERIFY CHV1 1.1B	[CHV1 code: "1234"]
9	SIM → ME	NORMAL ENDING OF COMMAND 1.1A	
~~10~~	~~ME → SIM~~	~~SELECT EF PHASE 1.2~~	
~~11~~	~~ME → SIM~~	~~READ BINARY (EF PHASE) 1.3~~	~~Expected PHASE = 03 returned by SIM~~
...			
10~~12~~	ME → SIM	TERMINAL PROFILE 1.4	~~PROFILE DOWNLOAD~~The ME shall have read EF PHASE prior to the Profile Download
11~~13~~	SIM → ME	NORMAL ENDING OF COMMAND 1.1A	
12~~14~~	ME → SIM	SELECT EF IMSI 1.5 or SELECT EF LOCI 1.6	

VERIFY CHV1 : 1.1A

Logically:

Coding:

APDU:	CLA=A0	INS=20	P1=00	P2=01	P3=08

DATA IN:	31	31	31	31	FF	FF	FF	FF

VERIFY CHV1 ATTEMPT UNSUCCESSFUL: 1.1A

Logically:

Coding:

SW1=98	SW2=04

VERIFY CHV1: 1.1B

Logically:

Coding:

APDU:	CLA=A0	INS=20	P1=00	P2=01	P3=08

DATA IN:	31	32	33	34	FF	FF	FF	FF

NORMAL ENDING OF COMMAND: 1.1A

Logically:

Coding:

SW1=90	SW2=00

~~**SELECT EF PHASE: 1.2**~~

~~Logically:~~

~~Coding:~~

~~APDU:~~	~~CLA=A0~~	~~INS=A4~~	~~P1=00~~	~~P2=00~~	~~P3=02~~

~~DATA IN:~~	~~6F~~	~~AE~~

~~Response:~~

~~SW1=9F~~	~~SW2=0F~~

~~**READ BINARY (EF PHASE): 1.3**~~

~~Logically:~~

~~Coding:~~

~~APDU:~~	~~CLA=A0~~	~~INS=B0~~	~~P1=00~~	~~P2=00~~	~~P3=01~~

~~Response:~~

~~DATA OUT:~~	~~03~~

~~SW1=90~~	~~SW2=00~~

TERMINAL PROFILE: 1.4

Logically:

Coding:

APDU:	CLA=A0	INS=10	P1=00	P2=01	P3=XX

DATA IN:	YY	ZZ	…

With XX representing the length of the following DATA IN depending on the SIM Toolkit commands supported by the ME, and with YY, ZZ, … representing here the bytes of the TERMINAL PROFILE data, as specified in 3GPP TS 11.14 [15], clause 5.2.

SELECT EF IMSI: 1.5

Logically:

Coding:

APDU:	CLA=A0	INS=A4	P1=00	P2=00	P3=02

DATA IN:	6F	07

SELECT EF LOCI: 1.6

Logically:

Coding:

APDU:	CLA=A0	INS=A4	P1=00	P2=00	P3=02

DATA IN:	6F	7E

27.22.1.5 Test requirement

The ME shall operate in the manner defined in expected sequence 1.

3GPP TSG-T3 Meeting #33
Sophia Antipolis, France, 16th – 19th November 2004

Tdoc ⌘T3-040798

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A077** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4, R99 Correction of Send Short Message test case
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:

Ph2	*(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)*
Rel-7	*(Release 7)*

Reason for change:	⌘	Incorrect coding of proactive command
Summary of change:	⌘	Coding corrected
Consequences if not approved:	⌘	MEs will fail the tests due to incorrect coded TP destination address

Clauses affected:	⌘	27.22.4.10.3.4.2			
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:
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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.

27.22.4.10.3.4.2 Procedure

Expected Sequence 3.1A (SEND SHORT MESSAGE, basic icon self-explanatory, packing not required, 8-bit data, successful)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SEND SHORT MESSAGE 3.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SEND SHORT MESSAGE 3.1.1	[packing not required, 8-bit data]
4	ME → USER	Displays the icon and not the alpha identifier	[basic icon self-explanatory]
5	ME → SS	Send SMS-PP (SEND SHORT MESSAGE) Message 3.1	
6	SS → ME	SMS RP-ACK	
7	ME → SIM	TERMINAL RESPONSE: SEND SHORT MESSAGE 3.1.1A	[Command performed successfully]

PROACTIVE COMMAND: SEND SHORT MESSAGE 3.1.1

Logically:

- Command details
  - Command number: 1
  - Command type: SEND SHORT MESSAGE
  - Command qualifier: packing not required
- Device identities
  - Source device: SIM
  - Destination device: Network
  - Alpha identifier: "NO ICON"
- Address
  - TON: International number
  - NPI: "ISDN / telephone numbering plan"
  - Dialling number string "112233445566778"
- SMS TPDU
  - TP-MTI SMS-SUBMIT
  - TP-RD Instruct the SC to accept an SMS-SUBMIT for a SM
  - TP-VPF TP-VP field not present
  - TP-RP TP-Reply-Path is not set in this SMS-SUBMIT
  - TP-UDHI The TP-UD field contains only the short message
  - TP-SRR A status report is not requested
  - TP-MR "00"
  - TP-DA
    - TON International number
    - NPI "ISDN / telephone numbering plan"
    - Address value "012345678"
  - TP-PID Short message type 0
  - TP-DCS
    - Message coding 8bit-data
    - Message class class 0
  - TP-UDL 12
  - TP-UD "Test Message"
- Icon Identifier
  - Icon Qualifier self-explanatory
  - Icon Identifier 1 (number of record in EF IMG)

Coding:

BER-TLV:	D0	3B	81	03	01	13	00	82	02	81	83	85
	07	4E	4F	20	49	43	4F	4E	86	09	91	11
	22	33	44	55	66	77	F8	8B	18	01	00	09
	91	10	32	54	76	F48	40	F4	0C	54	65	73
	74	20	4D	65	73	73	61	67	65	9E	02	00
	01											

[..]

3GPP TSG-T3 Meeting #33
Sophia Antipolis, France, 16th – 19th November 2004

Tdoc ⌘T3-040799

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A078** ⌘**rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4, R99 Correction of Select Item test case
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:

Ph2	*(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)*
Rel-7	*(Release 7)*

Reason for change:	⌘	Contradiction between requirement in expected sequence and coding
Summary of change:	⌘	Expected sequence corrected
Consequences if not approved:	⌘	MEs will fail the test due to contradiction between requirement and coding

Clauses affected:	⌘	27.22.4.9.1.4.2			
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:
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Below is a brief summary:

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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.

27.22.4.9.1.4.2 Procedure

[..]

Expected Sequence 1.3 (SELECT ITEM, call options, successful)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SELECT ITEM 1.3.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SELECT ITEM 1.3.1	
4	ME → USER	Present the items of " Call Forwarding Unconditional", "Call Forwarding On User Busy", "Call Forwarding On No Reply", "Call Forwarding On User Not Reachable", "Barring Of All Outgoing Calls", "Barring Of All Outgoing International Calls" and "CLI Presentation" under the header of " LargeMenu2	
5	USER → ME	Select item "Barring Of All Outgoing Calls".	
6	ME → SIM	TERMINAL RESPONSE: SELECT ITEM 1.3.1	Command performed successfully
7	SIM → ME	PROACTIVE SIM SESSION ENDED	

PROACTIVE COMMAND : SELECT ITEM 1.3.1

Logically:

Command details
- Command number: 1
- Command type: SELECT ITEM
- Command qualifier: "00"

Device identities
- Source device: SIM
- Destination device: ME
- Alpha identifier: "LargeMenu2"

Item
- Identifier of item: "FF"
- Text string of item: "Call Forwarding Unconditional"

Item
- Identifier of item: "FE"
- Text string of item: "Call Forwarding On User Busy"

Item
- Identifier of item: "FD"
- Text string of item: "Call Forwarding On No Reply"

Item
- Identifier of item: "FC"
- Text string of item: "Call Forwarding On User Not Reachable"

Item
- Identifier of item: "FB"
- Text string of item: "Barring Of All Outgoing Calls"

Item
- Identifier of item: "FA"
- Text string of item: "Barring Of All Outgoing International Calls"

Item
- Identifier of item: "F9"
- Text string of item: "CLI Presentation"

Coding:

BER-TLV:	D0	81	FB	81	03	01	24	00	82	02	81	82
	85	0A	4C	61	72	67	65	4D	65	6E	75	32
	8F	1E	FF	43	61	6C	6C	20	46	6F	72	77
	61	72	64	69	6E	67	20	55	6E	63	6F	6E
	64	69	74	69	6F	6E	61	6C	8F	1D	FE	43
	61	6C	6C	20	46	6F	72	77	61	72	64	69
	6E	67	20	4F	6E	20	55	73	65	72	20	42
	75	73	79	8F	1C	FD	43	61	6C	6C	20	46
	6F	72	77	61	72	64	69	6E	67	20	4F	6E
	20	4E	6F	20	52	65	70	6C	79	8F	26	FC
	43	61	6C	6C	20	46	6F	72	77	61	72	64
	69	6E	67	20	4F	6E	20	55	73	65	72	20
	4E	6F	74	20	52	65	61	63	68	61	62	6C
	65	8F	1E	FB	42	61	72	72	69	6E	67	20
	4F	66	20	41	6C	6C	20	4F	75	74	67	6F
	69	6E	67	20	43	61	6C	6C	73	8F	2C	FA
	42	61	72	72	69	6E	67	20	4F	66	20	41
	6C	6C	20	4F	75	74	67	6F	69	6E	67	20
	49	6E	74	65	72	6E	61	74	69	6F	6E	61
	6C	20	43	61	6C	6C	73	8F	11	F9	43	4C
	49	20	50	72	65	73	65	6E	74	61	74	69
	6F	6E										

[..]

3GPP TSG-T3 Meeting #33
Sophia Antipolis, France, 16th – 19th November 2004

Tdoc ⌘T3-040803

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A079** ⌘**rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4 R99: Correction of Language Notification test case
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:

Ph2	*(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)*
Rel-7	*(Release 7)*

Reason for change:	⌘	According to 3GPP TS 11.14, cl. 6.4.25 it is not mandatory for the ME to use the language indicated by the SIM in the proactive command Language Notification.
Summary of change:	⌘	Adjustment of expected sequences to make usage of the language indicated by the SIM optional.
Consequences if not approved:	⌘	MEs not changing the language to that one indicated by the SIM would unfairly fail the tests.

Clauses affected:	⌘	27.22.4.25.4.2

		Y	N		
Other specs affected:	⌘		X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	

Other comments:	⌘	

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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.

27.22.4.25.4.2 Procedure

Expected Sequence 1.1 (LANGUAGE NOTIFICATION)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: LANGUAGE NOTIFICATION 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: LANGUAGE NOTIFICATION 1.1.1	Language specified in the command is different from the one set on the mobile.
4	ME → SIM	TERMINAL RESPONSE: LANGUAGE NOTIFICATION 1.1.1	[Command performed successfully]
5	SIM → ME	PROACTIVE SIM SESSION ENDED	~~Check that l~~Language of ME may ~~has~~ have been replaced by the one specified in LANGUAGE NOTIFICATION 1.1.1

PROACTIVE COMMAND: LANGUAGE NOTIFICATION 1.1.1

Logically:

Command details
- Command number: 1
- Command type: LANGUAGE NOTIFICATION
- Command qualifier: "01" (specific language notification)

Device identities
- Source device: SIM
- Destination device: ME

Language
- Language: 'se'(Spanish) → 73 65 or 'de'→64 65 (German) for instance: choose a language different from the one initially set on the ME to check the proper execution of the command

Coding:

BER-TLV:	D0	0D	81	03	01	35	01	82	02	81	82	AD
	02	73	65									

TERMINAL RESPONSE: LANGUAGE NOTIFICATION 1.1.1

Logically:

Command details
- Command number: 1
- Command type: LANGUAGE NOTIFICATION
- Command qualifier: "01"

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Command performed successfully

Coding:

BER-TLV:	81	03	01	35	01	82	02	82	81	83	01	00

Expected Sequence 1.2 (LANGUAGE NOTIFICATION)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: LANGUAGE NOTIFICATION 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: LANGUAGE NOTIFICATION 1.1.1	Language specified in the command is different from the one set on the mobile.
4	ME → SIM	TERMINAL RESPONSE: LANGUAGE NOTIFICATION 1.1.1	[Command performed successfully]
5	SIM → ME	PROACTIVE COMMAND PENDING: LANGUAGE NOTIFICATION 1.2.1	
6	ME → SIM	FETCH	
7	SIM → ME	PROACTIVE COMMAND: LANGUAGE NOTIFICATION 1.2.1	
8	ME → SIM	TERMINAL RESPONSE: LANGUAGE NOTIFICATION 1.2.1	[Command performed successfully]
9	SIM → ME	PROACTIVE SIM SESSION ENDED	Check that initial language is set ~~again~~.

PROACTIVE COMMAND: LANGUAGE NOTIFICATION 1.2.1

Logically:

Command details
- Command number: 1
- Command type: LANGUAGE NOTIFICATION
- Command qualifier: "00" (non specific language notification)

Device identities
- Source device: SIM
- Destination device: ME

Coding:

BER-TLV:	D0	09	81	03	01	35	00	82	02	81	82

TERMINAL RESPONSE: LANGUAGE NOTIFICATION 1.2.1

Logically:

Command details
- Command number: 1
- Command type: LANGUAGE NOTIFICATION
- Command qualifier: "00"

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Command performed successfully

Coding:

BER-TLV:	81	03	01	35	00	82	02	82	81	83	01	00

27.22.4.25.5 Test requirement

The ME shall operate in the manner defined in expected sequences 1.1 and 1.2.

3GPP TSG-T3 Meeting #33
Sophia Antipolis, France, 16th – 19th November 2004

Tdoc ⌘T3-040804

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A080** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4 R99: Correction of Select Item (Next action identifier) test case
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:
Ph2 (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)
Rel-7 (Release 7)

Reason for change:	⌘	3GPP TS 11.14, cl. 6.4.9 states "The inclusion of the items next action indicator is to allow the ME to indicate to the user the consequences of performing the selection of an item." Therefore the presentation of a next action itendifier is not mandatory for the ME.
Summary of change:	⌘	Test adjusted corresponding to 27.22.4.8.3 Set Up Menu (next action support)
Consequences if not approved:	⌘	MEs not presenting the Next Action Indicator would unfairly fail the test

Clauses affected:	⌘	27.22.4.9.2.4.2

		Y	N		
Other specs affected:	⌘		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.

27.22.4.9.2.4.2 Procedure

Expected Sequence 2.1 (SELECT ITEM, next action indicator, successful)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SELECT ITEM 2.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SELECT ITEM 2.1.1	
4	ME → USER	Display items of "Item 1", "Item 2" and "Item 3" under the header of "Toolkit Select". ~~It presents also the following next action indicators: Send SM, Set Up Call, Provide Local Info.~~	The ME may indicate to the user the consequences of performing the selection of an item.
5	USER → ME	Navigate in the items, then select "Item 2". ~~Check that next action indicators appear.~~	The ME may indicate to the user the consequences of performing the selection of an item.
6	ME → SIM	TERMINAL RESPONSE: SELECT ITEM 2.1.1	Command performed successfully

PROACTIVE COMMAND: SELECT ITEM 2.1.1

Logically:

Command details
- Command number: 1
- Command type: SELECT ITEM
- Command qualifier: "00"

Device identities
- Source device: SIM
- Destination device: ME
- Alpha identifier: "Toolkit Select"

Item
- Identifier of item: 1
- Text string of item: "Item 1"

Item
- Identifier of item: 2
- Text string of item: "Item 2"

Item
- Identifier of item: 3
- Text string of item: "Item 3"

Items next action indicator
- Items list "Send SM", "Set Up Call", "Provide Local Info."

Coding:

BER-TLV:	D0	39	81	03	01	24	00	82	02	81	82	85
	0E	54	6F	6F	6C	6B	69	74	20	53	65	6C
	65	63	74	8F	07	01	49	74	65	6D	20	31
	8F	07	02	49	74	65	6D	20	32	8F	07	03
	49	74	65	6D	20	33	18	03	13	10	26	

TERMINAL RESPONSE: SELECT ITEM 2.1.1

Logically:

Command details
- Command number: 1
- Command type: SELECT ITEM

Command qualifier: "00"
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Command performed successfully
Item identifier
Identifier of item chosen: 02

Coding:

BER-TLV:	81	03	01	24	00	82	02	82	81	83	01	00
	90	01	02								

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040805

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A081** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4 R99: Correction of PROFILE DOWNLOAD test case – incorrect P2
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:
Ph2 (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)
Rel-7 (Release 7)

Reason for change:	⌘	In 27.22.1, TERMINAL PROFILE is coded incorrectly.
Summary of change:	⌘	Value of P2 for TERMINAL PROFILE 1.4 is changed from '01' to '00'.
Consequences if not approved:	⌘	MEs sending a correct TERMINAL PROFILE would unfairly fail the test.

Clauses affected:	⌘	27.22.1

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:
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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.

27.22.1.4.2 Procedure

[..]

TERMINAL PROFILE: 1.4

Logically:

Coding:

APDU:	CLA=A0	INS=10	P1=00	P2=~~01~~0 0	P3=XX

DATA IN:	YY	ZZ	…

[..]

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040806

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A082** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4 R99: Correction of CALL CONTROL test cases.
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:

Ph2	*(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)*
Rel-7	*(Release 7)*

Reason for change:	⌘	The Initial Conditions of 27.22.6.4 Support of Barred Dialling Number (BDN) service do not include the GSM / PCS 1900 parameters of the System Simulator. They need to be included, as the subsequent sequences refer to different commands from the ME for GSM and PCS 1900 parameters. This is the same as for the other CALL CONTROL tests in 27.22.6.1 – 3.
Summary of change:	⌘	The GSM and PCS 1900 parameters are added to the Initial Conditions, as for the other CALL CONTROL tests.
Consequences if not approved:	⌘	The ENVELOPEs to be sent by the ME are not specified fully in the sequences, as they are distinguished by GSM / PCS 1900 parameters, which are not defined in the Initial Conditions.

Clauses affected:	⌘	27.22.6.4.4.1

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:
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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.

27.22.6.4.4.1 Initial conditions

The ME is connected to the SIM Simulator and the Systems Simulator.

The elementary files are coded as SIM Application Toolkit default.

Prior to this test the ME shall have been powered on and performed the PROFILE DOWNLOAD procedure.

The call control service is allocated and activated in the SIM Service Table.

Barred Dialling Number service is enabled.

Prior to the execution of expected sequence 4.4 the FDN service shall be enabled.

The GSM parameters of the system simulator are:

- Mobile Country Code (MCC) = 001;
- Mobile Network Code (MNC) = 01 ;
- Location Area Code (LAC) = 0001;
- Cell Identity value = 0001.

The PCS 1900 parameters of the system simulator are:

- Mobile Country Code (MCC) = 001;
- Mobile Network Code (MNC) = 011;
- Location Area Code (LAC) = 0001;
- Cell Identity value = 0001.

27.22.6.4.4.2 Procedure

Expected Sequence 4.1 (CALL CONTROL BY SIM , set up a call in EF_{BDN})

Step	Direction	Message / Action	Comments
1	User → ME	The user sets up a call to "321"	
2	ME → SIM	ENVELOPE CALL CONTROL 4.1.1A or ENVELOPE CALL CONTROL 4.1.1B	[Option A shall apply for GSM parameters] [Option B shall apply for PCS1900 parameters]
3	SIM → ME	9F 02	
4	ME → SIM	GET RESPONSE	
5	SIM → ME	CALL CONTROL RESULT 4.1.1	[Call control result: "Not Allowed"]
6	ME → SS	The ME does not set up the call	

[..]

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040807

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A083** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4 R99: Incorrect specification of file codings.
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:

Ph2	*(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)*
Rel-7	*(Release 7)*

Reason for change:	⌘	In the Initial Conditions for various tests, file contents of the second SIM simulator are mentioned, when the second SIM simulator is not actually used for these tests. In the Initial Conditions for various tests, exceptions to the default settings for files are mentioned, but no actual exceptions are listed.
Summary of change:	⌘	Redundant text has been removed.
Consequences if not approved:	⌘	There may be some confusion when running the tests.

Clauses affected:	⌘	27.22.4.7.1.4.1, 27.22.4.7.2.4.1, 27.22.4.16.1.4.1, 27.22.4.19.2.4.1, 27.22.4.21.1.4.1, 27.22.4.21.2.4.1

	Y	N			
Other specs affected:	⌘		X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	

Other comments:	⌘	

How to create CRs using this form:
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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.

27.22.4.7.1 REFRESH (normal)

27.22.4.7.1.4.1 Initial conditions

The ME is connected to the SIM Simulator.

The elementary files are coded as Toolkit default.

Prior to this test the ME shall have been powered on and performed the PROFILE DOWNLOAD procedure.

~~The elementary files for the second SIM Simulator are coded as SIM Application Toolkit default with the following exceptions.~~

~~EF_{FDN} (Fixed Dialling Numbers)~~

~~Logically:~~

~~At least 10 records~~
~~Record 1:~~
~~Length of alpha identifier: 32 characters~~
~~Alpha identifier: "ABC"~~
~~Length of BCD number: "03"~~
~~TON and NPI: Telephony and Unknown~~
~~Dialled number: 123~~
~~CCI: None~~
~~Ext2: None~~

Coding:	B1	B2	B3	B4	...	B32	B33	B34	B35	B36	B37	...	B46
Record 1:	41	42	43	FF	...	FF	03	81	21	F3	FF	...	FF

~~Record 2:~~
~~Length of alpha identifier: 32 characters~~
~~Alpha identifier: "DEF"~~
~~Length of BCD number: "04"~~
~~TON and NPI: Telephony and Unknown~~
~~Dialled number: 9876~~
~~CCI: None~~
~~Ext2: None~~

Coding:	B1	B2	B3	B4	...	B32	B33	B34	B35	B36	B37	...	B46
Record 1:	44	45	46	FF	...	FF	03	81	89	67	FF	...	FF

Prior to the execution of expected sequence 1.2 the FDN service shall be enabled.

[..]

27.22.4.7.2 REFRESH (IMSI changing procedure)

[..]

27.22.4.7.2.4.1 Initial conditions

The ME is connected to the SIM Simulator.

The elementary files are coded as SIM Application Toolkit default.

Prior to this test the ME shall have been powered on and performed the PROFILE DOWNLOAD procedure.

~~The elementary files for the second SIM Simulator are coded as SIM Application Toolkit default with the following exceptions.~~

[..]

27.22.4.16.1 SET UP EVENT LIST (normal)

[..]

27.22.4.16.1.4.1 Initial conditions

The ME is connected to both the SIM Simulator and the System Simulator.

The elementary files are coded as SIM Application Toolkit default with the following exceptions.

Prior to this test the ME shall have been powered on and performed the PROFILE DOWNLOAD procedure.

~~The elementary files for the second SIM Simulator are coded as SIM Application Toolkit default.~~

[..]

27.22.4.19.2 POWER ON CARD (detachable card reader)

[..]

27.22.4.19.2.4.1 Initial conditions

The ME is connected to the SIM Simulator.

The elementary files are coded as SIM Application Toolkit default ~~with the following exceptions~~.

Prior to this test the ME shall have been powered on and performed the PROFILE DOWNLOAD procedure.

The card reader shall be detached from the ME.

[..]

27.22.4.21.1 TIMER MANAGEMENT (normal)

[..]

27.22.4.21.1.4.1 Initial conditions

The ME is connected to the SIM Simulator.

The elementary files are coded as Toolkit default ~~with the following exceptions~~.

Prior to this test the ME shall have been powered on and performed the PROFILE DOWNLOAD procedure.

The ME screen shall be in its normal stand-by display.

[..]

27.22.4.21.2 ENVELOPE TIMER EXPIRATION (normal)

[..]

27.22.4.21.2.4.1 Initial conditions

The ME is connected to the SIM Simulator.

The elementary files are coded as SIM Application Toolkit default ~~with the following exceptions~~.

Prior to this test the ME shall have been powered on and performed the PROFILE DOWNLOAD procedure.

The timer 1 is not started.

When the SIM is busy when the envelope TIMER EXPIRATION is sent, either the ME retries periodically to send the envelope, either it waits for a TERMINAL RESPONSE processed by the SIM with status '90 00'.

If the ME waits for a TR with status '90 00', the ME manufacturer shall specify how many TERMINAL RESPONSES with status '90 00' are expected before sending the TIMER EXPIRATION envelope.

3GPP TSG-T3 #33
Sophia Antipolis, France
16-19 November 2004

T3-040808

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A089** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	Corrections for Test Case 27.22.5.1 (SMS-PP Data Download)
Source:	⌘	*T3*
Work item code:	⌘	TEI
Date:	⌘	18/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:

Ph2	*(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)*
Rel-7	*(Release 7)*

Reason for change:	⌘	According to 3GPP TS 03.40 / 23.040 sec. 9.2.3.9 SIM Data download facility shall use either SMS Data Coding Scheme $F6_{hex}$ or 16_{hex} which both indicate the 8 bit data alphabet. Besides the 8 bit data alphabet, the actual SMS-PP Data Download test case for GSM terminals also demands to use the default alphabet for testing, which is not conform to the above mentioned core specification.
Summary of change:	⌘	The definitions of ENVELOPE SMS-PP DOWNLOAD, which include the TP-DCS default alphabet, have been removed from section 27.22.5.1.4.2. The definitions for SMS-PP Data Download Messages, which include the TP-DCS default alphabet, have been removed from section 27.22.5.1.4.2. Expected test sequences 1.1 and 1.5 have been removed from section 27.22.5.1.4.2. Applicability table corrected accordingly
Consequences if not approved:	⌘	Inconsistency between core specifiation and test specification. Conformant GSM terminals may unfairly fail the terminal type testing.

Clauses affected:	⌘	3.4, 27.22.5.1.4.2

Other specs affected: ⌘	Y	N		
		X	Other core specifications	⌘
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘

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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.

3.4 Applicability table

Table B.1: Applicability of tests

Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile
FILE DOWNLOAD 27.22.1	**R96**	**1**	**M**	**M**	**M**	**M**	E.1/1
tents of the TERMINAL PROFILE command 27.22.2	R96		M	M	M	M	E.1/1
icing of Proactive SIM Commands 27.22.3	R96		M	M	M	M	
LAY TEXT 27.22.4.1							
cked	R96	1.1	M	M	M	M	E.1/17
en busy	R96	1.2	M	M	M	M	E.1/17
priority	R96	1.3	M	M	M	M	E.1/17
ed	R96	1.4	M	M	M	M	E.1/17
r after delay	R96	1.5	M	M	M	M	E.1/17
r after user confirmation	R96	1.1	M	M	M	M	E.1/17
text up to 160 bytes	R96	1.6	M	M	M	M	E.1/17
wards move in SIM session	R96	1.7	M	M	M	M	E.1/17
ion terminated by user	R96	1.8	M	M	M	M	E.1/17
mand not understood by ME	R96	1.9	M	M	M	M	E.1/17
sponse from user	R96	2.1	M	M	M	M	E.1/17
nsion Text	R98	3.1			C106	C106	E.1/17 AND E.1/16
ined text	R98	4.1, 4.2, 4.3, 4.4			C104	C104	E.1/17 AND E.1/65
s	R98	5.1, 5.2, 5.3			C108	C108	E.1/17
2 display	R97	6.1		C118	C118	C118	E.1/17 AND E.1/15
INKEY 27.22.4.2							
pt unpacked	R96	1.1	M	M	M	M	E.1/18
pt packed	R96	1.2	M	M	M	M	E.1/18
only	R96	1.1	M	M	M	M	E.1/18
wards move in SIM session	R96	1.3	M	M	M	M	E.1/18
ion terminated by user	R96	1.4	M	M	M	M	E.1/18
alphabet	R96	1.5	M	M	M	M	E.1/18
text up to 160 bytes	R96	1.6	M	M	M	M	E.1/18
sponse from user	R96	2.1	M	M	M	M	E.1/18
2 display	R97	3.1		C118	C118	C118	E.1/18 AND E.1/15
2 display, Long text up to 70 chars	R97	3.2		C118	C118	C118	E.1/18 AND E.1/15
2 format of entry	R97	4.1		C105	C105	C105	E.1/18 AND E.1/14
/No" response	R98	5.1			M	M	E.1/18 AND E.1/60
s	R98	6.1, 6.2, 6.3, 6.4			C108	C108	E.1/18
information	R97	7.1		C107	C107	C107	E.1/18

Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile
INPUT 27.22.4.3							
t unpacked	R96	1.1	M	M	M	M	E.1/19
t packed	R96	1.2	M	M	M	M	E.1/19
only	R96	1.1	M	M	M	M	E.1/19
alphabet	R96	1.3	M	M	M	M	E.1/19
en input	R96	1.4	M	M	M	M	E.1/19
/ max acceptable length	R96	1.5, 1.9	M	M	M	M	E.1/19
wards move in SIM session	R96	1.6	M	M	M	M	E.1/19
ion terminated by user	R96	1.7	M	M	M	M	E.1/19
pt text up to 160 bytes	R96	1.8	M	M	M	M	E.1/19
default alphabet, ME to echo text, packing not required	R96	1.9	M	M	M	M	E.1/19
length for the text string	R96	1.10	M	M	M	M	E.1/19
sponse from user	R96	2.1	M	M	M	M	E.1/19
2 display	R97	3.1, 3.2		C118	C118	C118	E.1/19 AND E.1/15
2 entry	R97	4.1, 4.2		C105	C105	C105	E.1/19 AND E.1/14
ult text for the input	R97	5.1, 5.2		M	M	M	E.1/19
	R98	6.1, 6.2, 6.3, 6.4			C108	C108	E.1/19
information	R97	7.1		C107	C107	C107	E.1/19
E TIME 27.22.4.4	**R96**	1.1	M	M	M	M	E.1/20
Y TONE 27.22.4.5							
all tones	R96	1.1	M	M	M	M	E.1/21
ay alpha	R96	1.1	M	M	M	M	E.1/21
termination	R96	1.1	M	M	M	M	E.1/21
rimpose	R96	1.1	M	M	M	M	E.1/21
2 display	R97	TBD					E.1/21 AND E.1/15
	R98	TBD					E.1/21
L INTERVAL 27.22.4.6							
tion	R96	1.1	M	M	M	M	E.1/22
RESH 27.22.4.7							
initialization, enabling FDN mode	R96	1.1	M	M	M	M	E.1/24
hange notification of FDN file	R96	1.2	M	M	M	M	E.1/24
initialization and file change notification of PLMN	R96	1.3	M	M	M	M	E.1/24
initialization and full file change notification, enabling mode	R96	1.4	M	M	M	M	E.1/24
reset	R96	1.5	M	M	M	M	E.1/24
Initialization after SMS-PP data download	R96	1.6	M	M	M	M	E.1/24
Changing procedure	R98	2.1			M	M	E.1/24
UP MENU 27.22.4.8							
p, menu selection, replace and remove menu	R96	1.1	M	M	M	M	E.1/30 AND E.1/4
e menu	R96	1.2	M	M	M	M	E.1/30 AND E.1/4
information	R97	2.1		C107	C107	C107	E.1/30 AND E.1/4
action indicator	R97	3.1		M	M	M	E.1/30
	R98	4.1, 4.2			C108	C108	E.1/30
key access	R99	5.1				C112	E.1/30 AND E.1/74
ECT ITEM 27.22.4.9							
datory features	R96	1.1	M	M	M	M	E.1/25
e menu	R96	1.2, 1.3, 1.5,1.6	M	M	M	M	E.1/25
wards move	R96	1.4	M	M	M	M	E.1/25
termination	R96	1.5	M	M	M	M	E.1/25
sponse from user	R96	8.1	C120	C120	C120	C120	E.1/25

Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile
action indicator	R97	2.1		M	M	M	E.1/25
ult selected item	R97	3.1		M	M	M	E.1/25
information	R97	4.1		C107	C107	C107	
	R98	5.1, 5.2			C108	C108	E.1/25
entation style	R98	6.1, 6.2			M	M	E.1/25
keys	R99	7.1				C112	E.1/25 AND E.1/73
D SMS 27.22.4.10							
ing not required	R96	1.1, 1.3 1.5	M	M	M	M	E.1/26
ing required	R96	1.2, 1.4	M	M	M	M	E.1/26
data	R96	1.1, 1.2	M	M	M	M	E.1/26
default alphabet	R96	1.3, 1.4, 1.5	M	M	M	M	E.1/26
bytes length	R96	1.4, 1.5	M	M	M	M	E.1/26
a identifier	R96	1.6, 1.7, 1.8	M	M	M	M	E.1/26
2 SMS	R97	2.1		C118	C118	C118	E.1/26 AND E.1/15
	R98	3.1, 3.2			C108	C108	E.1/26
D SS 27.22.4.11							
orward unconditional, all bearers, successful	R96	1.1	M	M	M	M	E.1/27
orward unconditional, all bearers, Return Error	R96	1.2	M	M	M	M	E.1/27
orward unconditional, all bearers, Reject	R96	1.3	M	M	M	M	E.1/27
orward unconditional, all bearers, successful, SS est size limit	R96	1.4	M	M	M	M	E.1/27
rogate CLIR status, successful, alpha identifier limits	R96	1.5	M	M	M	M	E.1/27
orward unconditional, all bearers, successful, null data a identifier	R96	1.6	M	M	M	M	E.1/27
orward unconditional, all bearers, successful, icon ort	R98	2.1, 2.2, 2.3, 2.4			C108	C108	E.1/27
2 display	R97	3.1		C118	C118	C118	E.1/27 AND E.1/15
D USSD 27.22.4.12							
data, successful	R96	1.1	M	M	M	M	E.1/28
data, successful	R96	1.2	M	M	M	M	E.1/28
2 data, successful	R96	1.3	M	M	M	M	E.1/28
data, unsuccessful	R96	1.4	M	M	M	M	E.1/28
data, unsuccessful	R96	1.5	M	M	M	M	E.1/28
octets, 7-bit data, successful, long alpha identifier	R96	1.6	M	M	M	M	E.1/28
data, successful, no alpha identifier	R96	1.7	M	M	M	M	E.1/28
data, successful, null length alpha identifier	R96	1.8	M	M	M	M	E.1/28
	R98	2.1, 2.2, 2.3, 2.4			C108	C108	E.1/28
2	R97	3.1		C118	C118	C118	E.1/28 AND E.1/15
UP CALL 27.22.4.13							
confirmed by the user and connected	R96	1.1	M	M	M	M	E.1/29
ejected by the user	R96	1.2	M	M	M	M	E.1/29
l	R96	1.3	C119	C119	C119	C119	E.1/29
ng all other calls on hold, ME busy	R96	1.4	M	M	M	M	E.1/29
nnecting all other calls, ME busy	R96	1.5	M	M	M	M	E.1/29
if not currently busy on another call, ME busy	R96	1.6	M	M	M	M	E.1/29
ng all other calls on hold, call hold is not allowed	R96	1.7	M	M	M	M	E.1/29
bility configuration	R96	1.8	C101	C101	C101	C101	E.1/29
dialling number string	R96	1.9	M	M	M	M	E.1/29
first alpha identifier	R96	1.10	M	M	M	M	E.1/29
d party subaddress	R96	1.11	C124	C124	C124	C124	E.1/29
imum duration for the redial mechanism	R96	1.12	C119	C119	C119	C119	E.1/29

Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile
nd alpha identifier	R98	2.1			M	M	E.1/29 AND E.1/63
2 Display	R97	TBD					E.1/29 AND E.1/15
	R98	3.1,3.2, 3.3, 3.4			C108	C108	E.1/29
LING OFF 27.22.4.14	**R96**	1.1	M	M	M	M	E.1/23
VIDE LOCAL INFO 27.22.4.15							
ion information	R96	1.1	M	M	M	M	E.1/31
	R96	1.2	M	M	M	M	E.1/31
ork measurement results and BCCH channel list	R98	1.3			M	M	E.1/32 AND E.1/67
, time and time zone	R98	1.4			M	M	E.1/59
uage setting	R99	1.5				M	E.1/68
ng advance	R99	1.6				M	E.1/69
UP EVENT LIST 27.22.4.16							
p call connected event	R97	1.1		M	M	M	E.1/33 AND E.1/35
ace by new event list	R97	1.2		M	M	M	E.1/33 AND E.1/35 AND E.1/36
ove event	R97	1.3		M	M	M	E.1/33 AND E.1/35
ove Event on ME Power Cycle	R97	1.4		M	M	M	E.1/33 AND E.1/35
FORM CARD APDU 27.22.4.17							
tional card inserted, Select MF and Get Response	R98	1.1			C109	C109	E.1/51
tional card inserted, Select DF GSM, Select EF PLMN , te Binary, Read Binary on EF PLMN	R98	1.2			C109	C109	E.1/51
tional card inserted, card powered off	R98	1.3			C109	C109	E.1/51
ard inserted, card powered off	R98	1.4			C109	C109	E.1/51
lid card reader identifier	R98	1.5			C109	C109	E.1/51
chable reader	R98	2.1			C116	C116	E.1/51
ER OFF CARD 27.22.4.18							
tional card inserted	R98	1.1			C109	C109	E.1/50
ard inserted	R98	1.2			C109	C109	E.1/50
chable reader	R98	2.1			C116	C116	E.1/50
ER ON CARD 27.22.4.19							
tional card inserted	R98	1.1			C109	C109	E.1/49
TR	R98	1.2			C109	C109	E.1/49
ard inserted	R98	1.3			C109	C109	E.1/49
chable reader	R98	2.1			C116	C116	E.1/49
READER STATUS 27.22.4.20							
tional card inserted, card powered	R98	1.1			C109	C109	E.1/52
tional card inserted, card not powered	R98	1.2			C109	C109	E.1/52
tional card inserted, card not present	R98	1.3			C109	C109	E.1/52
chable reader	R98	2.1			C116	C116	E.1/52
R MANAGEMENT 27.22.4.21.1							
timer 1 several times, get the current value of the timer deactivate the timer successfully	R98	1.1			M	M	E.1/57 AND E.1/58
timer 2 several times, get the current value of the timer deactivate the timer successfully	R98	1.2			M	M	E.1/57 AND E.1/58
timer 8 several times, get the current value of the timer	R98	1.3			M	M	E.1/57

Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile
deactivate the timer successfully							AND E.1/58
o get the current value of a timer which is not started: n in contradiction with the current timer state	R98	1.4			M	M	E.1/57 AND E.1/58
o deactivate a timer which is not started: action in radiction with the current timer state	R98	1.5			M	M	E.1/57 AND E.1/58
8 timers successfully	R98	1.6			M	M	E.1/57 AND E.1/58
ELOPE TIMER EXPIRATION 27.22.4.21.2							
ing proactive SIM command	R98	2.1			M	M	E.1/6 AND E.1/57
application toolkit busy	R98	2.2			M	M	E.1/6 AND E.1/57 AND E.1/20
UP IDLE MODE TEXT 27.22.4.22							
lay idle mode text	R98	1.1			M	M	E.1/61 AND E.1/33 AND E.1/39
ace idle mode text	R98	1.2			M	M	E.1/61 AND E.1/33 AND E.1/39
ove idle mode test	R98	1.3			M	M	E.1/61 AND E.1/33 AND E.1/39
peting information on ME display	R98	1.4			M	M	E.1/61 AND E.1/33 AND E.1/39
owered cycled	R98	1.5			M	M	E.1/61 AND E.1/33 AND E.1/39
esh with SIM initialization	R98	1.6			M	M	E.1/61 AND E.124 AND E.1/33 AND E.1/39
e text string	R98	1.7			M	M	E.1/61 AND E.1/33 AND E.1/39
wed by a Display Text	R98	1.8			M	M	E.1/61 AND E.1/33 AND E.1/39 AND E.1/17
wed by a Play Tone	R98	1.9			M	M	E.1/61

Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile
							AND E.1/33 AND E.1/39 AND E.1/21
	R98	2.1, 2.2, 2.3, 2.4			C108	C108	E.1/61 AND E.1/39
2 display	R98	3.1			C118	C118	E.1/61 AND E.1/15 AND E.1/39
AT COMMAND 27.22.4.23							
lpha Identifier	R98	1.1			C110	C110	E.1/62
ata alpha identifier presented	R98	1.2			C110	C110	E.1/62
a identifier presented	R98	1.3			C110	C110	E.1/62
	R98	2.1, 2.2, 2.3, 2.4, 2.5			C114	C114	E.1/62
D DTMF 27.22.4.24							
al	R98	1.1			M	M	E.1/66
a identifier	R98	1.2, 1.3			M	M	E.1/66
ile is not in a speech call	R98	1.4			M	M	E.1/66
s	R98	2.1, 2.2, 2.3			C108	C108	E.1/66
2 display	R98	3.1			C118	C118	E.1/66 AND E.1/15
GUAGE NOTIFICATION 27.22.4.25							
ific language notification	R99	1.1				M	E.1/70
specific language notification	R99	1.2				M	E.1/70
NCH BROWSER 27.22.4.26							
ession already launched: Connect to the default URL	R99	1.1				C111	E.1/71
ect to the specified URL, alpha identifier length=0	R99	1.2				C111	E.1/71
ser identity, no alpha identifier	R99	1.3				C111	E.1/71
bearer specified and gateway/proxy identity	R99	1.4				C122	E.1/71
ral bearers specified, gateway/proxy id specified	R99	1.5				C123	E.1/71
action with current session	R99	2.1, 2.2, 2.3				C111	E.1/71
2 display	R99	3.1				C117	E.1/71 AND E.1/15
	R99	4.1, 4.2				C115	E.1/71
N CHANNEL 27.22.4.27							
ediate link establishment, CSD, 9600 bps	R99	1.1, 1.2, 1.3, 1.4, 1.5, 1.6				C113	E.1/89 AND E.1/97
ediate link establishment, CSD, 9600 bps, performed modification	R99	1.7				C113	E.1/89 AND E.1/97
ediate link establishment, CSD, Network currently le to process command	R99	1.8				C113	E.1/89 AND E.1/97
ediate link establishment, CSD, No channel available	R99	1.9				C113	E.1/89 AND E.1/97
, ME busy on call	R99	1.10				C113	E.1/89 AND E.1/97 AND E.1/29
ediate link establishment, GPRS, no local address, no	R99	2.1				C121	E.1/89

Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile
a identifier, no network access name							AND E.1/98
ediate link establishment GPRS, no alpha identifier, with ork access name	R99	2.2				C121	E.1/89 AND E.1/98
ediate link establishment, GPRS, with alpha identifier	R99	2.3				C121	E.1/89 AND E.1/98
ediate link establishment, GPRS, with null alpha tifier	R99	2.4				C121	E.1/89 AND E.1/98
ediate link establishment, GPRS, command performed modifications (buffer size)	R99	2.5				C121	E.1/89 AND E.1/98
	Void	2.6				Void	Void
ediate link establishment, GPRS, open command with a identifier, User did not accept the proactive command	R99	2.7				C121	E.1/89 AND E.1/98
S, ME busy on call	R99	2.8				C121	E.1/89 AND E.1/98
SE CHANNEL 27.22.4.28							
essful	R99	1.1				C113 AND C121	E.1/89 AND E.1/90
an invalid channel identifier	R99	1.2				C113 AND C121	E.1/89 AND E.1/90
n already closed channel	R99	1.3				C113 AND C121	E.1/90
EIVE DATA 27.22.4.29							
dy opened channel	R99	1.1				C113 AND C121	E.1/89 AND E.1/91
D DATA 27.22.4.30							
ediate mode	R99	1.1				C113 AND C121	E.1/89 AND E.1/92
mode	R99	1.2				C113 AND C121	E.1/89 AND E.1/92
mode, Tx buffer fully used	R99	1.3				C113 AND C121	E.1/89 AND E.1/92
nsecutive SEND DATA Store mode	R99	1.4				C113 AND C121	E.1/89 AND E.1/92
ediate mode with a bad channel identifier	R99	1.5				C113 AND C121	E.1/89 AND E.1/92
ediate mode, Proactive SIM session terminated by the	R99	1.6				C113 AND C121	E.1/89 AND E.1/92
CHANNEL STATUS 27.22.4.31							
ut any BIP channel opened	R99	1.1				C113 AND C121	E.1/93
a BIP channel currently opened	R99	1.2				C113 AND C121	E.1/89 AND E.1/93
a link dropped	R99	1.3				C113 AND C121	E.1/89 AND E.1/93

Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile
A DOWNLOAD TO SIM 27.22.5							
-PP DATA DOWNLOAD 27.22.5.1							
~~eral data coding, SIM responds with '90 00'~~[void]	~~R96~~	1.1	~~M~~	~~M~~	~~M~~	~~M~~	~~E.1/2~~
responds with '91 XX'	R96	1.2	M	M	M	M	E.1/2
time	R96	1.3	M	M	M	M	E.1/2
alphabet	R96	1.4	M	M	M	M	E.1/2
]		1.5					
coding / message class	R96	~~1.5,~~ 1.6	M	M	M	M	E.1/2
-CB DATA DOWNLOAD 27.22.5.2							
oes not display message	R96	1.1	M	M	M	M	E.1/3
time	R96	1.2	M	M	M	M	E.1/3 AND E.1/20
isplays message	R96	1.3	M	M	M	M	E.1/3
L CONTROL BY SIM 27.22.6							
edure for MO calls (Cell identity in envelope call control)	R97	1.1 to 1.14		M	M	M	E.1/10 AND E.1/11 AND E.1/13 AND E.1/29
edure for SS (Cell identity in envelope call control)	R97	2.1, 2.2, 2.3, 2.4		M	M	M	E.1/10 AND E.1/11
action with FDN (Cell identity in envelope call control)	R97	3.1, 3.2, 3.3, 3.5		M	M	M	E.1/10
ort of BDN service (Cell identity in envelope call rol)	R97	4.1, 4.2, 4.3, 4.4		M	M	M	E.1/10
NT DOWNLOAD 27.22.7							
2.7.1: MT call event	R97	1.1		M	M	M	E.1/34 AND E.1/33
2.7.2.1: call connected event	R97	1.1		M	M	M	E.1/35 AND E.1/33
2.7.2.2: ME supporting SET UP CALL	R97	2.1		M	M	M	E.1/35 AND E.1/29 AND E.1/33
2.7.3: call disconnected event	R97	1.1		M	M	M	E.1/36 AND E.1/33
2.7.4: location status event	R97	1.1		M	M	M	E.1/37 AND E.1/33
2.7.5: user activity event	R97	1.1		M	M	M	E.1/38 AND E.1/33
2.7.6: idle screen available event	R97	1.1		M	M	M	E.1/39 AND E.1/33
2.7.7.1: Card reader status normal	R98	1.1			C109	C109	E.1/40 AND E.1/33
2.7.7.2: Detachable card reader	R98	2.1			C116	C116	E.1/40 AND E.1/33
2.7.8: language selection event	R99	1.1				M	E.1/41 AND E.1/33
2.7.9: Browser termination event	R99	1.1				C111	E.1/42 AND E.1/33

Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile
2.7.10: Data available event	R99	1.1				C113 AND C121	E.1/43 AND E.1/89
2.7.11: Channel status event	R99	1.1				C113 AND C121	E.1/44 AND E.1/89
SMS Control by SIM 27.22.8							
proactive command, Allowed , no modification	R98	1.1			M	M	E1/12 AND E.1/26
user SMS, Allowed , no modification	R98	1.2			M	M	E1/12
proactive command, Not allowed	R98	1.3			M	M	E1/12 AND E.1/26
user SMS, Not allowed	R98	1.4			M	M	E1/12
proactive command, Allowed, with modifications	R98	1.5			M	M	E1/12 AND E.1/26
user SMS, Allowed, with modifications	R98	1.6			M	M	E1/12
Proactive command, the SIM responds with '90 00', ed, no modification	R98	1.7			M	M	E1/12 AND E.1/26
Short Message attempt by user, the SIM responds '90 00', Allowed, no modification	R98	1.8			M	M	E1/12
Short Message attempt by user, the SIM responds '93 00	R98	1.9			M	M	E1/12

A.1/1 THEN M ELSE N/A -- O_Cap_Conf
oid
oid
A.1/2 THEN M ELSE N/A -- O_Sust_text
A.1/3 THEN M ELSE N/A -- O_Ucs2_Entry
A.1/4 THEN M ELSE N/A -- O_Ext_Str
A.1/5 THEN M ELSE N/A -- O_Help
A.1/6 THEN (O.1 OR O.2) ELSE N/A -- O_Icons
A.1/7 THEN M ELSE N/A -- O_Dual_Slot
A.1/9 THEN M ELSE N/A -- O_Run_At
A.1/10 THEN M ELSE N/A -- O_LB
A.1/11 THEN M ELSE N/A -- O_Soft_key
A.1/12 THEN M ELSE N/A -- O_BIP_CSD
C110 AND C108 THEN M ELSE N/A -- O_Run_At AND O_Icons
C111 AND C108 THEN M ELSE N/A -- O_LB AND O_Icons
C105 AND A.1/8 THEN M ELSE N/A -- O_Dual_Slot AND O_Detach_Rdr
C111 AND C105 THEN M ELSE N/A -- O_LB AND O_Ucs2
A.1/14 THEN M ELSE N/A -- O_Ucs2_Disp
A.1/19 THEN M ELSE N/A -- O_Redial
A.1/20 THEN M ELSE N/A -- O_D_NoResp
A.1/21 AND A.1/17 THEN M ELSE N/A -- O_BIP_GPRS AND O_UDP
C111 AND A.1/21 THEN M ELSE N/A -- O_LB AND O_BIP_GPRS
C111 THEN O.3 ELSE N/A -- (O_LB AND O_BIP_GPRS AND O_BIP_CSD) OR (O_LB AND O_BIP_CSD)
A.1/22, test x.A M ELSE x.B M (where x is the expected sequence number value) -- O_CP_Subaddr
(the ME supports icons as defined in record 1 of $EF_{(IMG)}$, tests x.1A M ELSE tests x.1B M (where x is the expected sequence number value)
the ME supports icons as defined in record 2 of $EF_{(IMG)}$, tests x.2A M ELSE x.2B M (where x is the expected sequence number value)
(A.1/21 AND A.1/12) tests (x.A AND x.C) M ELSE IF A.1/12 test x.1B M (where x is the expected sequence number value)

27.22.5.1 SMS-PP Data Download

27.22.5.1.1 Definition and applicability

See clause 3.2.2.

27.22.5.1.2 Conformance requirement

The ME shall support the Proactive SIM: SMS-PP Data Download facility as defined in the following technical specifications:

- 3GPP TS 11.14 [15] clause 4.3, clause 5, clause 7.1, clause 12.1, clause 12.7 and clause 12.13.

27.22.5.1.3 Test purpose

To verify that the ME transparently passes the "data download via SMS Point-to-point" messages to the SIM.

To verify that the ME returns the RP-ACK message back to the system Simulator, if the SIM responds with '90 00' or '91 XX'.

To verify that the ME returns the response data from the SIM back to the system Simulator in the TP-User-Data element of the RP-ACK message, if the SIM responds with '9F XX'.

27.22.5.1.4 Method of Test

27.22.5.1.4.1 Initial conditions

The ME is connected to the system Simulator and the SIM Simulator.

The elementary files are coded as Toolkit default.

Prior to this test the ME shall have been powered on and performed the PROFILE DOWNLOAD procedure.

27.22.5.1.4.2 Procedure

Expected Sequence 1.1 Void~~(SMS-PP Data Download, General Data Coding, Default Alphabet)~~

~~Step~~	~~Direction~~	~~MESSAGE / Action~~	~~Comments~~
~~1~~	~~ME~~	~~The ME shall be in its normal idle mode~~	~~[Start a sequence to verify that the ME returns the RP-ACK message back to the system Simulator, if the SIM responds with '90 00']~~
~~2~~	~~SS → ME~~	~~SMS-PP Data Download Message 1.1.1~~	
~~3~~	~~ME → USER~~	~~The ME shall not display the message or alert the user of a short message waiting~~	
~~4~~	~~ME → SIM~~	~~ENVELOPE: SMS-PP DOWNLOAD 1.1.2~~	
~~5~~	~~SIM → ME~~	~~SW1 / SW2 of '90 00'~~	
~~6~~	~~ME → SS~~	~~RP-ACK.~~	

~~SMS-PP (Data Download) Message 1.1.1~~

~~Logically:~~

~~SMS TPDU~~

~~TP-MTI~~	~~SMS-DELIVER~~
~~TP-MMS~~	~~No more messages waiting for the MS in this SC~~
~~TP-RP~~	~~TP-Reply-Path is not set in this SMS-DELIVER~~
~~TP-UDHI~~	~~TP-UD field contains only the short message~~

TP-SRI A status report will not be returned to the SME
TP-OA
TON International number
NPI "ISDN / telephone numbering plan"
Address value "1234"
TP-PID SIM Data download
TP-DCS
Coding Group General Data Coding
Compression Text is uncompressed
Message Class Class 2 SIM Specific Message
Alphabet Default Alphabet
TP-SCTS: 01/01/98 00:00:00 +0
TP-UDL 13
TP-UD "Short Message"

Coding:

BER-TLV	04	03	91	21	43	7F	12	89	10	10	00	00
	00	00	0D	53	F4	5B	4E	07	35	CB	F3	79
	F8	5C	06									

ENVELOPE: SMS-PP DOWNLOAD 1.1.2

Logically:

SMS-PP Download
Device identities
Source device: Network
Destination device: SIM
Address
TON International number
NPI "ISDN / telephone numbering plan"
Dialling number string "112233445566778"
SMS-TPDU
TP-MTI SMS-DELIVER
TP-MMS No more messages waiting for the MS in this SC
TP-RP TP-Reply-Path is not set in this SMS-DELIVER
TP-UDHI TP-UD field contains only the short message
TP-SRI A status report will not be returned to the SME
TP-OA
TON International number
NPI "ISDN / telephone numbering plan"
Address value "1234"
TP-PID SIM Data download
TP-DCS
Coding Group General Data Coding
Compression Text is uncompressed
Message Class Class 2 SIM Specific Message
Alphabet Default Alphabet
TP-SCTS: 01/01/98 00:00:00 +0
TP-UDL 13
TP-UD "Short Message"

Coding:

BER-TLV:	D1	2C	82	02	83	81	06	09	91	11	22	33
	44	55	66	77	F8	8B	1B	04	04	91	21	43
	7F	12	89	10	10	00	00	00	00	0D	53	F4
	5B	4E	07	35	CB	F3	79	F8	5C	06		

Expected Sequence 1.2 (SMS-PP Data Download, General Data Coding, ~~Default Alphabet,~~ GET RESPONSE, Acknowledgement)

Step	Direction	MESSAGE / Action	Comments
1	SS → ME	SMS-PP Data Download Message 1.2.1	
2	ME → USER	The ME shall not display the message or alert the user of a short message waiting.	
3	ME → SIM	ENVELOPE: SMS-PP DOWNLOAD 1.2.2	
4	SIM → ME	RESPONSE DATA AVAILABLE	[SW1 / SW2 of '9F 0B']
5	ME → SIM	GET RESPONSE	
6	SIM → ME	SMS-PP Data Download SIM Acknowledgement 1.2.3	
7	ME → SS	SMS-PP Data Download SIM Acknowledgement 1.2.4 in the TP-User-Data element of the RP-ACK message. The values of protocol identifier and data coding scheme in RP-ACK shall be as in the original message.	

Expected Sequence 1.3 (SMS-PP Data Download, General Data Coding, ~~Default Alphabet,~~ FETCH, MORE TIME)

Step	Direction	MESSAGE / Action	Comments
1	SS → ME	SMS-PP Data Download Message 1.3.1	
2	ME → USER	The ME shall not display the message or alert the user of a short message waiting	
3	ME → SIM	ENVELOPE: SMS-PP DOWNLOAD 1.3.2	
4	SIM → ME	PROACTIVE COMMAND PENDING: MORE TIME 1.3.3	[SW1 / SW2 of '91 0B']
5	ME → SS	RP-ACK	
6	ME → SIM	FETCH	
7	SIM → ME	PROACTIVE COMMAND: MORE TIME 1.3.4	
8	ME → SIM	TERMINAL RESPONSE: MORE TIME 1.3.5	
9	SIM → ME	PROACTIVE SIM SESSION ENDED	

PROACTIVE COMMAND: MORE TIME 1.3.4

Logically:

Command details
- Command number: 1
- Command type: MORE TIME
- Command qualifier: "00"

Device identities
- Source device: SIM
- Destination device: ME

Coding:

BER-TLV:	D0	09	81	03	01	02	00	82	02	81	82

TERMINAL RESPONSE: MORE TIME 1.3.5

Logically:

Command details
- Command number: 1
- Command type: MORE TIME
- Command qualifier: "00"

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Command performed successfully

Coding:

BER-TLV:	81	03	01	02	00	82	02	82	81	83	01	00

Expected Sequence 1.4 (SMS-PP Data Download, General Data Coding~~, 8 Bit Alphabet~~)

Step	Direction	MESSAGE / Action	Comments
1	SS → ME	SMS-PP Data Download Message 1.4.1	
2	ME	The ME shall not display the message or alert the user of a short message waiting	
3	ME → SIM	ENVELOPE: SMS-PP DOWNLOAD 1.4.2	
4	SIM → ME	SW1 / SW2 of '90 00'	
5	ME → SS	RP-ACK	

SMS-PP (Data Download) Message 1.2.1 / 1.3.1 / 1.4.1

Logically:

SMS TPDU
- TP-MTI: SMS-DELIVER
- TP-MMS: No more messages waiting for the MS in this SC
- TP-RP: TP-Reply-Path is not set in this SMS-DELIVER
- TP-UDHI: TP-UD field contains only the short message
- TP-SRI: A status report will not be returned to the SME
- TP-OA
  - TON: International number
  - NPI: "ISDN / telephone numbering plan"
  - Address value: "1234"
- TP-PID: SIM Data download
- TP-DCS
  - Coding Group: General Data Coding
  - Compression: Text is uncompressed
  - Message Class: Class 2 SIM Specific Message
  - Alphabet: 8 bit data
- TP-SCTS: 01/01/98 00:00:00 +0
- TP-UDL: 13
- TP-UD: "Short Message"

Coding:

BER-TLV:	04	03	91	21	43	7F	16	89	10	10	00	00
	00	00	0D	53	68	6F	72	74	20	4D	65	73
	73	61	67	65								

ENVELOPE: SMS-PP DOWNLOAD 1.2.2 / 1.3.2 / 1.4.2,

Logically:

SMS-PP Download
- Device identities
  - Source device: Network
  - Destination device: SIM
- Address
  - TON: International number
  - NPI: "ISDN / telephone numbering plan"
  - Dialling number string: "112233445566778"
- SMS TPDU
  - TP-MTI: SMS-DELIVER
  - TP-MMS: No more messages waiting for the MS in this SC
  - TP-RP: TP-Reply-Path is not set in this SMS-DELIVER
  - TP-UDHI: TP-UD field contains only the short message
  - TP-SRI: A status report will not be returned to the SME
  - TP-OA
    - TON: International number
    - NPI: "ISDN / telephone numbering plan"
    - Address value: "1234"
  - TP-PID: SIM Data download
  - TP-DCS
    - Coding Group: General Data Coding
    - Compression: Text is uncompressed
    - Message Class: Class 2 SIM Specific Message
    - Alphabet: 8 bit data
  - TP-SCTS: 01/01/98 00:00:00 +0
  - TP-UDL: 13
  - TP-UD: "Short Message"

Coding:

BER-TLV:	D1	2D	82	02	83	81	06	09	91	11	22	33
	44	55	66	77	F8	8B	1C	04	04	91	21	43
	7F	16	89	10	10	00	00	00	00	0D	53	68
	6F	72	74	20	4D	65	73	73	61	67	65	

Expected Sequence 1.5 Void~~(SMS-PP Data Download, Data Coding / Message Class, Default Alphabet)~~

~~Step~~	~~Direction~~	~~MESSAGE / Action~~	~~Comments~~
~~1~~	~~ME~~	~~The ME shall be in its normal idle mode.~~	
~~2~~	~~SS → ME~~	~~SMS-PP Data Download Message 1.5.1.~~	
~~3~~	~~ME~~	~~The ME shall not display the message or alert the user of a short message waiting~~	
~~4~~	~~ME → SIM~~	~~ENVELOPE: SMS-PP DOWNLOAD 1.5.2.~~	
~~5~~	~~SIM → ME~~	~~SW1 / SW2 of '90 00'~~	
~~6~~	~~ME → SS~~	~~RP-ACK~~	

~~SMS-PP (Data Download) Message 1.5.1~~

~~Logically:~~

~~SMS TPDU~~
- ~~TP-MTI: SMS-DELIVER~~
- ~~TP-MMS: No more messages waiting for the MS in this SC~~
- ~~TP-RP: TP-Reply-Path is not set in this SMS-DELIVER~~
- ~~TP-UDHI: TP-UD field contains only the short message~~
- ~~TP-SRI: A status report will not be returned to the SME~~

TP-OA
TON International number
NPI "ISDN / telephone numbering plan"
Address value "1234"
TP-PID SIM Data download
TP-DCS
Coding Group Data Coding / Message Class
Message Coding Default Alphabet
Message Class Class 2 SIM Specific Message
TP-SCTS: 01/01/98 00:00:00 +0
TP-UDL 13
TP-UD "Short Message"

Coding:

BER-TLV:	04	03	91	21	43	7F	F2	89	10	10	00	00
	00	00	0D	53	F4	5B	4E	07	35	CB	F3	79
	F8	5C	06									

ENVELOPE: SMS-PP DOWNLOAD 1.5.2

Logically:

SMS-PP Download
Device identities
Source device: Network
Destination device: SIM
Address
TON International number
NPI "ISDN / telephone numbering plan"
Dialling number string "112233445566778"
SMS TPDU
TP-MTI SMS-DELIVER
TP-MMS No more messages waiting for the MS in this SC
TP-RP TP-Reply-Path is not set in this SMS-DELIVER
TP-UDHI TP-UD field contains only the short message
TP-SRI A status report will not be returned to the SME
TP-OA
TON International number
NPI "ISDN / telephone numbering plan"
Address value "1234"
TP-PID SIM Data download
TP-DCS
Coding Group Data Coding / Message Class
Message Coding Default Alphabet
Message Class Class 2 SIM Specific Message
TP-SCTS: 01/01/98 00:00:00 +0
TP-UDL 13
TP-UD "Short Message"

Coding:

BER-TLV:	D1	2C	82	02	83	81	06	09	91	11	22	33
	44	55	66	77	F8	8B	1B	04	04	91	21	43
	7F	F2	89	10	10	00	00	00	00	0D	53	F4
	5B	4E	07	35	CB	F3	79	F8	5C	06		

Expected Sequence 1.6 (SMS-PP Data Download, with Data Coding / Message Class~~, 8 Bit Alphabet~~)

Step	Direction	MESSAGE / Action	Comments
1	SS → ME	SMS-PP Data Download Message 1.6.1	
2	ME	The ME shall not display the message or alert the user of a short message waiting	
3	ME → SIM	ENVELOPE: SMS-PP DOWNLOAD 1.6.2	
4	SIM → ME	SW1 / SW2 of '90 00'	
5	ME → SS	RP-ACK	

SMS-PP (Data Download) Message 1.6.1

Logically:

SMS TPDU
- TP-MTI: SMS-DELIVER
- TP-MMS: No more messages waiting for the MS in this SC
- TP-RP: TP-Reply-Path is not set in this SMS-DELIVER
- TP-UDHI: TP-UD field contains only the short message
- TP-SRI: A status report will not be returned to the SME
- TP-OA
  - TON: International number
  - NPI: "ISDN / telephone numbering plan"
  - Address value: "1234"
- TP-PID: SIM Data download
- TP-DCS
  - Coding Group: Data Coding / Message Class
  - Message Coding: 8 bit data
  - Message Class: Class 2 SIM Specific Message
- TP-SCTS: 01/01/98 00:00:00 +0
- TP-UDL: 13
- TP-UD: "Short Message"

Coding:

BER-TLV:	04	03	91	21	43	7F	F6	89	10	10	00	00
	00	00	0D	53	68	6F	72	74	20	4D	65	73
	73	61	67	65								

ENVELOPE: SMS-PP DOWNLOAD 1.6.2

Logically:

SMS-PP Download
- Device identities
  - Source device: Network
  - Destination device: SIM
- Address
  - TON: International number
  - NPI: "ISDN / telephone numbering plan"
  - Dialling number string: "112233445566778"
- SMS TPDU
  - TP-MTI: SMS-DELIVER
  - TP-MMS: No more messages waiting for the MS in this SC
  - TP-RP: TP-Reply-Path is not set in this SMS-DELIVER
  - TP-UDHI: TP-UD field contains only the short message
  - TP-SRI: A status report will not be returned to the SME
  - TP-OA

TON	International number
NPI	"ISDN / telephone numbering plan"
Address value	"1234"
TP-PID	SIM Data download
TP-DCS	
Coding Group	Data Coding / Message Class
Message Coding	8 bit data
Message Class	Class 2 SIM Specific Message
TP-SCTS:	01/01/98 00:00:00 +0
TP-UDL	13
TP-UD	"Short Message"

Coding:

BER-TLV:	D1	2D	82	02	83	81	06	09	91	11	22	33
	44	55	66	77	F8	8B	1C	04	04	91	21	43
	7F	F6	89	10	10	00	00	00	00	0D	53	68
	6F	72	74	20	4D	65	73	73	61	67	65	

SMS-PP Data Download SIM Acknowledgement 1.2.4

Coding:

BER-TLV:	50	68	69	6C	20	48	6F	6F	6B	65	72

27.22.5.1.5 Test requirement

The ME shall operate in the manner defined in expected sequences 1.2~~1~~ to 1.6.

3GPP TSG-T3 Meeting #33
Sophia Antipolis, France, 16th – 19th November 2004

Tdoc ⌘T3-040815
(revised T3-040652)

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A091** ⌘**rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4 R99: Correction of Set Up Idle Mode Text test case
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	19/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:
Ph2 (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)
Rel-7 (Release 7)

Reason for change:	⌘	Expected text in step 8 of expected sequence 1.4 in contradiction to SMS-PP 1.4.1 content and PID doesn't lead to immediate display of the SM content
Summary of change:	⌘	Adjustement of expected sequence and correction of SMS-PP 1.4.1
Consequences if not approved:	⌘	MEs will fail the test, because expected text might not be displayed

Clauses affected:	⌘	27.22.4.22.1.4.2

	Y	N		
Other specs affected: ⌘		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.

27.22.4.22.1.4.2 Procedure

[..]

Expected Sequence 1.4 (SET UP IDLE MODE TEXT, competing information on ME display)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP IDLE MODE TEXT 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP IDLE MODE TEXT 1.1.1	["Idle Mode Text"]
4	ME → SIM	TERMINAL RESPONSE: SET UP IDLE MODE TEXT 1.1.1	[Command performed successfully]
5	USER → ME	Select idle screen	Only if idle screen not already available
6	ME → USER	Display "Idle Mode Text"	
7	SS → ME	SMS PP 1.4.1	[Display immediate SMS]
8	ME → USER	Display "~~Short~~ Test Message"	
9	USER → ME	Clear display and select idle screen	
10	ME → USER	Display "Idle Mode Text"	
11	SIM → ME	PROACTIVE COMMAND PENDING: DISPLAY TEXT 1.4.1	
12	ME → SIM	FETCH	
13	SIM → ME	PROACTIVE COMMAND: DISPLAY TEXT 1.4.1	[Normal priority, wait for user to clear message, unpacked, 8 bit data]
14	ME → USER	Display "Toolkit Test 1"	
15	USER → ME	Clear Message	
16	ME → SIM	TERMINAL RESPONSE: DISPLAY TEXT 1.4.1	[Command performed successfully]
17	ME → USER	Display "Idle Mode Text"	
18	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.4.1	
19	ME → SIM	FETCH	
20	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.4.1	
21	ME → USER	Display "Dial Tone" Play a standard supervisory dial tone through the external ringer for a duration of 5 s	
22	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.4.1	[Command performed successfully]
23	SIM → ME	PROACTIVE SIM SESSION ENDED	
24	ME → USER	Display "Idle Mode Text"	

SMS-PP 1.4.1

Logically:

SMS TPDU

TP-MTI	SMS-SUBMIT
TP-RD	Instruct the SC to accept an SMS-SUBMIT for a SM
TP-VPF	TP-VP field not present
TP-RP	TP-Reply-Path is not set in this SMS-SUBMIT
TP-UDHI	The TP-UD field contains only the short message
TP-SRR	A status report is not requested
TP-MR	"00"
TP-DA	
TON	International number
NPI	"ISDN / telephone numbering plan"
Address value	"012345678"

TP-PID	~~Short message type 0~~"00"
TP-DCS	
Message coding	8-bit data
Message class	class 0
TP-UDL	12
TP-UD	"Test Message"

Coding:

BER-TLV:	01	00	09	91	10	32	54	76	F8	~~40~~00	F4	0C
	54	65	73	74	20	4D	65	73	73	61	67	65

[..]

3GPP TSG-T3 Meeting #33
Sophia Antipolis, France, 16th – 19th November 2004

Tdoc ⌘T3-040863
(revised T3-040653)

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A092** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4 R99: Correction of Timer Management test cases
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	19/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:
Ph2 (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)
Rel-7 (Release 7)

Reason for change:	⌘	Accordring to 3GPP TS 11.14 a Timer Identifier TLV has to be included only if the ME issues a successful Terminal Response. All other types of Terminal Response do not need to include a Timer Identifier TLV. This needs to be taken into account in expected sequences 1.4 and 1.5
Summary of change:	⌘	Tests adjusted to allow unsuccessful Terminal Responses without an Item Identifier TLV.
Consequences if not approved:	⌘	MEs not sending the Timer Identifier TLV in case of an unsuccessful command execution would unfairly fail the tests.

Clauses affected:	⌘	27.22.4.21.1.4.2

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.

27.22.4.21.1.4.2 Procedure

[..]

Expected Sequence1.4 (TIMER MANAGEMENT, try to get the current value of a timer which is not started: action in contradiction with the current timer state)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.4.1	
2	ME → SIM	FETCH	
3		PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.1	[get current value from timer 1]
4	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.1A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.1B	[action in contradiction with the current timer state]
5	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.4.2	
6	ME → SIM	FETCH	
7		PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.2	[get current value from timer 2]
8	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.2A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.2B	[action in contradiction with the current timer state]
9	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.4.3	
10	ME → SIM	FETCH	
11		PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.3	[get current value from timer 3]
12	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.3A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.3B	[action in contradiction with the current timer state]
13	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.4.4	
14	ME → SIM	FETCH	
15		PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.4	[get current value from timer 4]
16	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.4A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.4B	[action in contradiction with the current timer state]
13	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.4.5	
14	ME → SIM	FETCH	
15		PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.5	[get current value from timer 5]
16	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.5A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.5B	[action in contradiction with the current timer state]
13	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.4.6	
14	ME → SIM	FETCH	

Step	Direction	MESSAGE / Action	Comments
15		PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.6	[get current value from timer 6]
16	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.6A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.6B	[action in contradiction with the current timer state]
13	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.4.7	
14	ME → SIM	FETCH	
15		PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.7	[get current value from timer 7]
16	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.7A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.7B	[action in contradiction with the current timer state]
13	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.4.8	
14	ME → SIM	FETCH	
15		PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.8	[get current value from timer 8]
16	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.8A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.8B	[action in contradiction with the current timer state]

PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.1

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: get the current value of the Timer

Device identities
- Source device: SIM
- Destination device: ME

Timer identifier
- Identifier of timer: 1

Coding:

BER-TLV:	D0	0C	81	03	01	27	02	82	02	81	82	A4
	01	01										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.1A

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: get current value from the Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Timer identifier
Identifier of timer: 1

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24
	A4	01	01									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.1B

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.2

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get the current value of the Timer
Device identities
Source device: SIM
Destination device: ME
Timer identifier
Identifier of timer: 2

Coding:

BER-TLV:	D0	0C	81	03	01	27	02	82	02	81	82	A4
	01	02										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.2A

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state
Timer identifier

Identifier of timer: 2

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24
	A4	01	02									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.2B

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.3

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get the current value of the Timer
Device identities
Source device: SIM
Destination device: ME
Timer identifier
Identifier of timer: 3

Coding:

BER-TLV:	D0	0C	81	03	01	27	02	82	02	81	82	A4
	01	03										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.3A

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state
Timer identifier
Identifier of timer: 3

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24
	A4	01	03									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.3A

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.4

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get the current value of the Timer
Device identities
Source device: SIM
Destination device: ME
Timer identifier
Identifier of timer: 4

Coding:

BER-TLV:	D0	0C	81	03	01	27	02	82	02	81	82	A4
	01	04										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.4A

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state
Timer identifier
Identifier of timer: 4

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24
	A4	01	04									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.4B

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.5

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get the current value of the Timer
Device identities
Source device: SIM
Destination device: ME
Timer identifier
Identifier of timer: 5

Coding:

BER-TLV:	D0	0C	81	03	01	27	02	82	02	81	82	A4
	01	05										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.5A

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state
Timer identifier
Identifier of timer: 5

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24
	A4	01	05									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.5B

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.6

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get the current value of the Timer
Device identities
Source device: SIM
Destination device: ME
Timer identifier
Identifier of timer: 6

Coding:

BER-TLV:	D0	0C	81	03	01	27	02	82	02	81	82	A4
	01	06										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.6A

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state
Timer identifier
Identifier of timer: 6

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24
	A4	01	06									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.6B

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.7

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get the current value of the Timer
Device identities
Source device: SIM
Destination device: ME
Timer identifier
Identifier of timer: 7

Coding:

BER-TLV:	D0	0C	81	03	01	27	02	82	02	81	82	A4
	01	07										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.7A

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state
Timer identifier
Identifier of timer: 7

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24
	A4	01	07									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.7B

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.4.8

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get the current value of the Timer
Device identities
Source device: SIM
Destination device: ME
Timer identifier
Identifier of timer: 8

Coding:

BER-TLV:	D0	0C	81	03	01	27	02	82	02	81	82	A4
	01	08										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.8A

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state
Timer identifier
Identifier of timer: 8

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24
	A4	01	08									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.4.8B

Logically:

Command details
Command number: 1
Command type: TIMER MANAGEMENT
Command qualifier: get current value from the Timer
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	02	82	02	82	81	83	01	24

Expected Sequence1.5 (TIMER MANAGEMENT, try to deactivate a timer which is not started: action in contradiction with the current timer state)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.5.1	
2	ME → SIM	FETCH	
3		PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.1	[deactivate timer 1]
4	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.1A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.1B	[action in contradiction with the current timer state]
5	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.5.2	
6	ME → SIM	FETCH	
7		PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.2	[deactivate timer 2]
8	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.2A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.2B	[action in contradiction with the current timer state]
9	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.5.3	
10	ME → SIM	FETCH	
11		PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.3	[deactivate timer 3]
12	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.3A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.3B	[action in contradiction with the current timer state]
13	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.5.4	
14	ME → SIM	FETCH	

Step	Direction	MESSAGE / Action	Comments
15		PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.4	[deactivate timer 4]
16	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.4A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.4B	[action in contradiction with the current timer state]
13	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.5.5	
14	ME → SIM	FETCH	
15		PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.5	[deactivate timer 5]
16	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.5A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.5B	[action in contradiction with the current timer state]
13	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.5.6	
14	ME → SIM	FETCH	
15		PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.6	[deactivate timer 6]
16	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.6A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.6B	[action in contradiction with the current timer state]
13	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.5.7	
14	ME → SIM	FETCH	
15		PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.7	[deactivate timer 7]
16	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.7A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.7B	[action in contradiction with the current timer state]
13	SIM → ME	PROACTIVE COMMAND PENDING: TIMER MANAGEMENT 1.5.8	
14	ME → SIM	FETCH	
15		PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.8	[deactivate timer 8]
16	ME → SIM	TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.8A or TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.8B	[action in contradiction with the current timer state]

PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.1

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: deactivate the Timer

Device identities
- Source device: SIM
- Destination device: ME

Timer identifier

Identifier of timer: 1

Coding:

BER-TLV:	D0	0C	81	03	01	27	01	82	02	81	82	A4
	01	01										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.1A

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Timer identifier
- Identifier of timer: 1

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24
	A4	01	01									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.1B

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.2

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: deactivate the Timer

Device identities
- Source device: SIM
- Destination device: ME

Timer identifier
- Identifier of timer: 2

Coding:

BER-TLV:	D0	0C	81	03	01	27	01	82	02	81	82	A4
	01	02										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.2A

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Timer identifier
- Identifier of timer: 2

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24
	A4	01	02									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.2B

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24

PROACTIVE COMMAND3: TIMER MANAGEMENT 1.5.3

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: deactivate the Timer

Device identities
- Source device: SIM
- Destination device: ME

Timer identifier
- Identifier of timer: 3

Coding:

BER-TLV:	D0	0C	81	03	01	27	01	82	02	81	82	A4
	01	03										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.3A

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Timer identifier
- Identifier of timer: 3

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24
	A4	01	03									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.3B

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.4

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: deactivate the Timer

Device identities
- Source device: SIM
- Destination device: ME

Timer identifier
- Identifier of timer: 4

Coding:

BER-TLV:	D0	0C	81	03	01	27	01	82	02	81	82	A4
	01	04										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.4A

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Timer identifier
- Identifier of timer: 4

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24
	A4	01	04									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.4B

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.5

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: deactivate the Timer

Device identities
- Source device: SIM
- Destination device: ME

Timer identifier
- Identifier of timer: 5

Coding:

BER-TLV:	D0	0C	81	03	01	27	01	82	02	81	82	A4
	01	05										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.5A

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Timer identifier
- Identifier of timer: 5

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24
	A4	01	05									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.5B

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.6

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: deactivate the Timer

Device identities
- Source device: SIM
- Destination device: ME

Timer identifier
- Identifier of timer: 6

Coding:

BER-TLV:	D0	0C	81	03	01	27	01	82	02	81	82	A4
	01	06										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.6A

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Timer identifier
- Identifier of timer: 6

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24
	A4	01	06									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.6B

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.7

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: deactivate the Timer

Device identities
- Source device: SIM
- Destination device: ME

Timer identifier
- Identifier of timer: 7

Coding:

BER-TLV:	D0	0C	81	03	01	27	01	82	02	81	82	A4
	01	07										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.7A

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Timer identifier
- Identifier of timer: 7

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24
	A4	01	07									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.7B

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24

PROACTIVE COMMAND: TIMER MANAGEMENT 1.5.8

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: deactivate the Timer

Device identities
- Source device: SIM
- Destination device: ME

Timer identifier
- Identifier of timer: 8

Coding:

BER-TLV:	D0	0C	81	03	01	27	01	82	02	81	82	A4
	01	08										

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.8A

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Timer identifier
- Identifier of timer: 8

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24
	A4	01	08									

TERMINAL RESPONSE: TIMER MANAGEMENT 1.5.8B

Logically:

Command details
- Command number: 1
- Command type: TIMER MANAGEMENT
- Command qualifier: Deactivate Timer

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Action in contradiction with the current timer state

Coding:

BER-TLV:	81	03	01	27	01	82	02	82	81	83	01	24

[..]

3GPP TSG-T3 Meeting #33
Sophia Antipolis, France, 16th – 19th November 2004

Tdoc ⌘T3-040864
(revised T3-040781)

CR-Form-v7.1

CHANGE REQUEST

⌘ **11.10-4** **CR** **A093** ⌘ **rev** **-** ⌘ Current version: **8.9.0** ⌘

*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:	⌘	CR 11.10-4, R99 Essential Corrections on Launch Browser
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	19/11/2004
Category:	⌘	**F**
Release:	⌘	R99

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:
Ph2 (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)
Rel-7 (Release 7)

Reason for change:	⌘	Erroneous test conditions in applicability table and in Terminal Profile for Launch Browser; Missing GPRS initial conditions in Launch Browser; Missing Test requirements statement in 3 events testing
Summary of change:	⌘	1) in section 3.4 Applicability table, B1: - Correction in Test condition "C123" into "C122" for Launch Browser, - Correction of Terminal Profile bit testing for Data Available event & Channel status event 2) in section 27.22.4.26 Launch Browser: - Inclusion of GPRS bearer parameters in the initial conditions 3) 27.22.7.9, 27.22.7.10, 27.22.7.11 : Inclusion of missing Test Requirement section 4) in annex E: correction of erroneous condition C204 on O_Ucs2_Disp
Consequences if not approved:	⌘	Improper test conditions may cause the ME to unfairly fail corresponding tests

Clauses affected:	⌘	3.4; 27.22.4.26; 27.22.7.9; 27.22.7.10; 27.22.7.11; Annex E

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.

3.4 Applicability table

Table B.1: Applicability of tests

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
1	**PROFILE DOWNLOAD 27.22.1**	**R96**	**1**	**M**	**M**	**M**	**M**	E.1/1	
2	**Contents of the TERMINAL PROFILE command 27.22.2**	R96		M	M	M	M	E.1/1	
3	**Servicing of Proactive SIM Commands 27.22.3**	R96		M	M	M	M		
4	**DISPLAY TEXT 27.22.4.1**								
	Unpacked	R96	1.1	M	M	M	M	E.1/17	
	Screen busy	R96	1.2	M	M	M	M	E.1/17	
	high priority	R96	1.3	M	M	M	M	E.1/17	
	Packed	R96	1.4	M	M	M	M	E.1/17	
	clear after delay	R96	1.5	M	M	M	M	E.1/17	
	clear after user confirmation	R96	1.1	M	M	M	M	E.1/17	
	long text up to 160 bytes	R96	1.6	M	M	M	M	E.1/17	
	Backwards move in SIM session	R96	1.7	M	M	M	M	E.1/17	
	Session terminated by user	R96	1.8	M	M	M	M	E.1/17	
	Command not understood by ME	R96	1.9	M	M	M	M	E.1/17	
	no response from user	R96	2.1	M	M	M	M	E.1/17	
	Extension Text	R98	3.1			C106	C106	E.1/17 AND E.1/16	
	sustained text	R98	4.1, 4.2, 4.3, 4.4			C104	C104	E.1/17 AND E.1/65	
	Icons	R98	5.1, 5.2, 5.3			C108	C108	E.1/17	
	UCS2 display	R97	6.1		C118	C118	C118	E.1/17 AND E.1/15	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
5	**GET INKEY 27.22.4.2**								
	prompt unpacked	R96	1.1	M	M	M	M	E.1/18	
	prompt packed	R96	1.2	M	M	M	M	E.1/18	
	digits only	R96	1.1	M	M	M	M	E.1/18	
	Backwards move in SIM session	R96	1.3	M	M	M	M	E.1/18	
	Session terminated by user	R96	1.4	M	M	M	M	E.1/18	
	SMS alphabet	R96	1.5	M	M	M	M	E.1/18	
	Long text up to 160 bytes	R96	1.6	M	M	M	M	E.1/18	
	no response from user	R96	2.1	M	M	M	M	E.1/18	
	UCS2 display	R97	3.1		C118	C118	C118	E.1/18 AND E.1/15	
	UCS2 display, Long text up to 70 chars	R97	3.2		C118	C118	C118	E.1/18 AND E.1/15	
	UCS2 format of entry	R97	4.1		C105	C105	C105	E.1/18 AND E.1/14	
	"Yes/No" response	R98	5.1			M	M	E.1/18 AND E.1/60	
	Icons	R98	6.1, 6.2, 6.3, 6.4			C108	C108	E.1/18	
	Help information	R97	7.1		C107	C107	C107	E.1/18	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
6	**GET INPUT 27.22.4.3**								
	input unpacked	R96	1.1	M	M	M	M	E.1/19	
	input packed	R96	1.2	M	M	M	M	E.1/19	
	digits only	R96	1.1	M	M	M	M	E.1/19	
	SMS alphabet	R96	1.3	M	M	M	M	E.1/19	
	hidden input	R96	1.4	M	M	M	M	E.1/19	
	min / max acceptable length	R96	1.5, 1.9	M	M	M	M	E.1/19	
	Backwards move in SIM session	R96	1.6	M	M	M	M	E.1/19	
	Session terminated by user	R96	1.7	M	M	M	M	E.1/19	
	Prompt text up to 160 bytes	R96	1.8	M	M	M	M	E.1/19	
	SMS default alphabet, ME to echo text, packing not required	R96	1.9	M	M	M	M	E.1/19	
	Null length for the text string	R96	1.10	M	M	M	M	E.1/19	
	no response from user	R96	2.1	M	M	M	M	E.1/19	
	UCS2 display	R97	3.1, 3.2		C118	C118	C118	E.1/19 AND E.1/15	
	UCS2 entry	R97	4.1, 4.2		C105	C105	C105	E.1/19 AND E.1/14	
	default text for the input	R97	5.1, 5.2		M	M	M	E.1/19	
	icons	R98	6.1, 6.2, 6.3, 6.4			C108	C108	E.1/19	
	help information	R97	7.1		C107	C107	C107	E.1/19	
7	**MORE TIME 27.22.4.4**	**R96**	1.1	M	M	M	M	E.1/20	
8	**PLAY TONE 27.22.4.5**								
	play all tones	R96	1.1	M	M	M	M	E.1/21	
	display alpha	R96	1.1	M	M	M	M	E.1/21	
	user termination	R96	1.1	M	M	M	M	E.1/21	
	superimpose	R96	1.1	M	M	M	M	E.1/21	
	UCS2 display	R97	TBD					E.1/21 AND E.1/15	
	icons	R98	TBD					E.1/21	
9	**POLL INTERVAL 27.22.4.6**								
	duration	R96	1.1	M	M	M	M	E.1/22	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
10	**REFRESH 27.22.4.7**								
	SIM initialization, enabling FDN mode	R96	1.1	M	M	M	M	E.1/24	
	file change notification of FDN file	R96	1.2	M	M	M	M	E.1/24	
	SIM initialization and file change notification of PLMN	R96	1.3	M	M	M	M	E.1/24	
	SIM initialization and full file change notification, enabling FDN mode	R96	1.4	M	M	M	M	E.1/24	
	SIM reset	R96	1.5	M	M	M	M	E.1/24	
	SIM Initialization after SMS-PP data download	R96	1.6	M	M	M	M	E.1/24	
	IMSI Changing procedure	R98	2.1			M	M	E.1/24	
11	**SET UP MENU 27.22.4.8**								
	Set up, menu selection, replace and remove menu	R96	1.1	M	M	M	M	E.1/30 AND E.1/4	
	Large menu	R96	1.2	M	M	M	M	E.1/30 AND E.1/4	
	help information	R97	2.1		C107	C107	C107	E.1/30 AND E.1/4	
	next action indicator	R97	3.1		M	M	M	E.1/30	
	icons	R98	4.1, 4.2			C108	C108	E.1/30	
	soft key access	R99	5.1				C112	E.1/30 AND E.1/74	
12	**SELECT ITEM 27.22.4.9**								
	Mandatory features	R96	1.1	M	M	M	M	E.1/25	
	Large menu	R96	1.2, 1.3, 1.5,1.6	M	M	M	M	E.1/25	
	Backwards move	R96	1.4	M	M	M	M	E.1/25	
	user termination	R96	1.5	M	M	M	M	E.1/25	
	no response from user	R96	8.1	C120	C120	C120	C120	E.1/25	
	next action indicator	R97	2.1		M	M	M	E.1/25	
	default selected item	R97	3.1		M	M	M	E.1/25	
	help information	R97	4.1		C107	C107	C107		
	icons	R98	5.1, 5.2			C108	C108	E.1/25	
	Presentation style	R98	6.1, 6.2			M	M	E.1/25	
	Soft keys	R99	7.1				C112	E.1/25 AND E.1/73	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
13	**SEND SMS 27.22.4.10**								
	Packing not required	R96	1.1, 1.3 1.5	M	M	M	M	E.1/26	
	Packing required	R96	1.2, 1.4	M	M	M	M	E.1/26	
	8 bit data	R96	1.1, 1.2	M	M	M	M	E.1/26	
	SMS default alphabet	R96	1.3, 1.4, 1.5	M	M	M	M	E.1/26	
	160 bytes length	R96	1.4, 1.5	M	M	M	M	E.1/26	
	Alpha identifier	R96	1.6, 1.7, 1.8	M	M	M	M	E.1/26	
	UCS2 SMS	R97	2.1		C118	C118	C118	E.1/26 AND E.1/15	
	icons	R98	3.1, 3.2			C108	C108	E.1/26	
14	**SEND SS 27.22.4.11**								
	call forward unconditional, all bearers, successful	R96	1.1	M	M	M	M	E.1/27	
	call forward unconditional, all bearers, Return Error	R96	1.2	M	M	M	M	E.1/27	
	call forward unconditional, all bearers, Reject	R96	1.3	M	M	M	M	E.1/27	
	call forward unconditional, all bearers, successful, SS request size limit	R96	1.4	M	M	M	M	E.1/27	
	interrogate CLIR status, successful, alpha identifier limits	R96	1.5	M	M	M	M	E.1/27	
	call forward unconditional, all bearers, successful, null data alpha identifier	R96	1.6	M	M	M	M	E.1/27	
	call forward unconditional, all bearers, successful, icon support	R98	2.1, 2.2, 2.3, 2.4			C108	C108	E.1/27	
	UCS2 display	R97	3.1		C118	C118	C118	E.1/27 AND E.1/15	
15	**SEND USSD 27.22.4.12**								
	7-bit data, successful	R96	1.1	M	M	M	M	E.1/28	
	8-bit data, successful	R96	1.2	M	M	M	M	E.1/28	
	UCS2 data, successful	R96	1.3	M	M	M	M	E.1/28	
	7-bit data, unsuccessful	R96	1.4	M	M	M	M	E.1/28	
	7-bit data, unsuccessful	R96	1.5	M	M	M	M	E.1/28	
	256 octets, 7-bit data, successful, long alpha identifier	R96	1.6	M	M	M	M	E.1/28	
	7-bit data, successful, no alpha identifier	R96	1.7	M	M	M	M	E.1/28	
	7-bit data, successful, null length alpha identifier	R96	1.8	M	M	M	M	E.1/28	
	icons	R98	2.1, 2.2, 2.3, 2.4			C108	C108	E.1/28	
	UCS2	R97	3.1		C118	C118	C118	E.1/28 AND E.1/15	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
16	**SET UP CALL 27.22.4.13**								
	Call confirmed by the user and connected	R96	1.1	M	M	M	M	E.1/29	
	call rejected by the user	R96	1.2	M	M	M	M	E.1/29	
	redial	R96	1.3	C119	C119	C119	C119	E.1/29	
	putting all other calls on hold, ME busy	R96	1.4	M	M	M	M	E.1/29	
	disconnecting all other calls, ME busy	R96	1.5	M	M	M	M	E.1/29	
	only if not currently busy on another call, ME busy	R96	1.6	M	M	M	M	E.1/29	
	putting all other calls on hold, call hold is not allowed	R96	1.7	M	M	M	M	E.1/29	
	Capability configuration	R96	1.8	C101	C101	C101	C101	E.1/29	
	long dialling number string	R96	1.9	M	M	M	M	E.1/29	
	long first alpha identifier	R96	1.10	M	M	M	M	E.1/29	
	Called party subaddress	R96	1.11	C124	C124	C124	C124	E.1/29	
	maximum duration for the redial mechanism	R96	1.12	C119	C119	C119	C119	E.1/29	
	second alpha identifier	R98	2.1			M	M	E.1/29 AND E.1/63	
	UCS2 Display	R97	TBD					E.1/29 AND E.1/15	
	icons	R98	3.1,3.2, 3.3, 3.4			C108	C108	E.1/29	
17	**POLLING OFF 27.22.4.14**	**R96**	1.1	M	M	M	M	E.1/23	
18	**PROVIDE LOCAL INFO 27.22.4.15**								
	location information	R96	1.1	M	M	M	M	E.1/31	
	IMEI	R96	1.2	M	M	M	M	E.1/31	
	network measurement results and BCCH channel list	R98	1.3			M	M	E.1/32 AND E.1/67	
	Date, time and time zone	R98	1.4			M	M	E.1/59	
	language setting	R99	1.5				M	E.1/68	
	Timing advance	R99	1.6				M	E.1/69	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
19	**SET UP EVENT LIST 27.22.4.16**								
	Set up call connected event	R97	1.1		M	M	M	E.1/33 AND E.1/35	
	Replace by new event list	R97	1.2		M	M	M	E.1/33 AND E.1/35 AND E.1/36	
	Remove event	R97	1.3		M	M	M	E.1/33 AND E.1/35	
	Remove Event on ME Power Cycle	R97	1.4		M	M	M	E.1/33 AND E.1/35	
20	**PERFORM CARD APDU 27.22.4.17**								
	Additional card inserted, Select MF and Get Response	R98	1.1			C109	C109	E.1/51	
	Additional card inserted, Select DF GSM, Select EF PLMN , Update Binary, Read Binary on EF PLMN	R98	1.2			C109	C109	E.1/51	
	Additional card inserted, card powered off	R98	1.3			C109	C109	E.1/51	
	No card inserted, card powered off	R98	1.4			C109	C109	E.1/51	
	Invalid card reader identifier	R98	1.5			C109	C109	E.1/51	
	Detachable reader	R98	2.1			C116	C116	E.1/51	
21	**POWER OFF CARD 27.22.4.18**								
	Additional card inserted	R98	1.1			C109	C109	E.1/50	
	No card inserted	R98	1.2			C109	C109	E.1/50	
	Detachable reader	R98	2.1			C116	C116	E.1/50	
22	**POWER ON CARD 27.22.4.19**								
	Additional card inserted	R98	1.1			C109	C109	E.1/49	
	No ATR	R98	1.2			C109	C109	E.1/49	
	No card inserted	R98	1.3			C109	C109	E.1/49	
	Detachable reader	R98	2.1			C116	C116	E.1/49	
23	**GET READER STATUS 27.22.4.20**								
	Additional card inserted, card powered	R98	1.1			C109	C109	E.1/52	
	Additional card inserted, card not powered	R98	1.2			C109	C109	E.1/52	
	Additional card inserted, card not present	R98	1.3			C109	C109	E.1/52	
	Detachable reader	R98	2.1			C116	C116	E.1/52	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
24	**TIMER MANAGEMENT 27.22.4.21.1**								
	Start timer 1 several times, get the current value of the timer and deactivate the timer successfully	R98	1.1			M	M	E.1/57 AND E.1/58	
	Start timer 2 several times, get the current value of the timer and deactivate the timer successfully	R98	1.2			M	M	E.1/57 AND E.1/58	
	Start timer 8 several times, get the current value of the timer and deactivate the timer successfully	R98	1.3			M	M	E.1/57 AND E.1/58	
	Try to get the current value of a timer which is not started: action in contradiction with the current timer state	R98	1.4			M	M	E.1/57 AND E.1/58	
	Try to deactivate a timer which is not started: action in contradiction with the current timer state	R98	1.5			M	M	E.1/57 AND E.1/58	
	Start 8 timers successfully	R98	1.6			M	M	E.1/57 AND E.1/58	
25	**ENVELOPE TIMER EXPIRATION 27.22.4.21.2**								
	Pending proactive SIM command	R98	2.1			M	M	E.1/6 AND E.1/57	
	SIM application toolkit busy	R98	2.2			M	M	E.1/6 AND E.1/57 AND E.1/20	
26	**SET UP IDLE MODE TEXT 27.22.4.22**								
	Display idle mode text	R98	1.1			M	M	E.1/61 AND E.1/33 AND E.1/39	
	Replace idle mode text	R98	1.2			M	M	E.1/61 AND E.1/33 AND E.1/39	
	Remove idle mode test	R98	1.3			M	M	E.1/61 AND E.1/33 AND E.1/39	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
	Competing information on ME display	R98	1.4			M	M	E.1/61 AND E.1/33 AND E.1/39	
	ME powered cycled	R98	1.5			M	M	E.1/61 AND E.1/33 AND E.1/39	
	Refresh with SIM initialization	R98	1.6			M	M	E.1/61 AND E.124 AND E.1/33 AND E.1/39	
	Large text string	R98	1.7			M	M	E.1/61 AND E.1/33 AND E.1/39	
	Followed by a Display Text	R98	1.8			M	M	E.1/61 AND E.1/33 AND E.1/39 AND E.1/17	
	Followed by a Play Tone	R98	1.9			M	M	E.1/61 AND E.1/33 AND E.1/39 AND E.1/21	
	icons	R98	2.1, 2.2, 2.3, 2.4			C108	C108	E.1/61 AND E.1/39	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
	UCS2 display	R98	3.1			C118	C118	E.1/61 AND E.1/15 AND E.1/39	
27	**RUN AT COMMAND 27.22.4.23**								
	No alpha Identifier	R98	1.1			C110	C110	E.1/62	
	null data alpha identifier presented	R98	1.2			C110	C110	E.1/62	
	alpha identifier presented	R98	1.3			C110	C110	E.1/62	
	icons	R98	2.1, 2.2, 2.3, 2.4, 2.5			C114	C114	E.1/62	
28	**SEND DTMF 27.22.4.24**								
	Normal	R98	1.1			M	M	E.1/66	
	alpha identifier	R98	1.2, 1.3			M	M	E.1/66	
	Mobile is not in a speech call	R98	1.4			M	M	E.1/66	
	Icons	R98	2.1, 2.2, 2.3			C108	C108	E.1/66	
	UCS2 display	R98	3.1			C118	C118	E.1/66 AND E.1/15	
29	**LANGUAGE NOTIFICATION 27.22.4.25**								
	Specific language notification	R99	1.1				M	E.1/70	
	Non specific language notification	R99	1.2				M	E.1/70	
30	**LAUNCH BROWSER 27.22.4.26**								
	No session already launched: Connect to the default URL	R99	1.1				C111	E.1/71	
	connect to the specified URL, alpha identifier length=0	R99	1.2				C111	E.1/71	
	Browser identity, no alpha identifier	R99	1.3				C111	E.1/71	
	one bearer specified and gateway/proxy identity	R99	1.4				C122	E.1/71	
	several bearers specified, gateway/proxy id specified	R99	1.5				C1223	E.1/71	
	Interaction with current session	R99	2.1, 2.2, 2.3				C111	E.1/71	
	UCS2 display	R99	3.1				C117	E.1/71 AND E.1/15	
	icons	R99	4.1, 4.2				C115	E.1/71	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
31	**OPEN CHANNEL 27.22.4.27**								
	Immediate link establishment, CSD, 9600 bps	R99	1.1, 1.2, 1.3, 1.4, 1.5, 1.6				C113	E.1/89 AND E.1/97	
	immediate link establishment, CSD, 9600 bps, performed with modification	R99	1.7				C113	E.1/89 AND E.1/97	
	immediate link establishment, CSD, Network currently unable to process command	R99	1.8				C113	E.1/89 AND E.1/97	
	immediate link establishment, CSD, No channel available	R99	1.9				C113	E.1/89 AND E.1/97	
	CSD, ME busy on call	R99	1.10				C113	E.1/89 AND E.1/97 AND E.1/29	
	immediate link establishment, GPRS, no local address, no alpha identifier, no network access name	R99	2.1				C121	E.1/89 AND E.1/98	
	immediate link establishment GPRS, no alpha identifier, with network access name	R99	2.2				C121	E.1/89 AND E.1/98	
	immediate link establishment, GPRS, with alpha identifier	R99	2.3				C121	E.1/89 AND E.1/98	
	immediate link establishment, GPRS, with null alpha identifier	R99	2.4				C121	E.1/89 AND E.1/98	
	immediate link establishment, GPRS, command performed with modifications (buffer size)	R99	2.5				C121	E.1/89 AND E.1/98	
	Void	Void	2.6				Void	Void	
	immediate link establishment, GPRS, open command with alpha identifier, User did not accept the proactive command	R99	2.7				C121	E.1/89 AND E.1/98	
	GPRS, ME busy on call	R99	2.8				C121	E.1/89 AND E.1/98	
32	**CLOSE CHANNEL 27.22.4.28**								
	successful	R99	1.1				C113	E.1/89	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
							AND C121	AND E.1/90	
	with an invalid channel identifier	R99	1.2				C113 AND C121	E.1/89 AND E.1/90	
	on an already closed channel	R99	1.3				C113 AND C121	E.1/90	
33	**RECEIVE DATA 27.22.4.29**								
	already opened channel	R99	1.1				C113 AND C121	E.1/89 AND E.1/91	
34	**SEND DATA 27.22.4.30**								
	immediate mode	R99	1.1				C113 AND C121	E.1/89 AND E.1/92	
	Store mode	R99	1.2				C113 AND C121	E.1/89 AND E.1/92	
	Store mode, Tx buffer fully used	R99	1.3				C113 AND C121	E.1/89 AND E.1/92	
	2 consecutive SEND DATA Store mode	R99	1.4				C113 AND C121	E.1/89 AND E.1/92	
	immediate mode with a bad channel identifier	R99	1.5				C113 AND C121	E.1/89 AND E.1/92	
	immediate mode, Proactive SIM session terminated by the user	R99	1.6				C113 AND C121	E.1/89 AND E.1/92	
35	**GET CHANNEL STATUS 27.22.4.31**								
	without any BIP channel opened	R99	1.1				C113 AND C121	E.1/93	
	with a BIP channel currently opened	R99	1.2				C113 AND C121	E.1/89 AND E.1/93	
	after a link dropped	R99	1.3				C113 AND C121	E.1/89 AND E.1/93	
36	**DATA DOWNLOAD TO SIM 27.22.5**								

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
37	**SMS-PP DATA DOWNLOAD 27.22.5.1**								
	General data coding, SIM responds with '90 00'	R96	1.1	M	M	M	M	E.1/2	
	SIM responds with '91 XX'	R96	1.2	M	M	M	M	E.1/2	
	More time	R96	1.3	M	M	M	M	E.1/2	
	8 bit alphabet	R96	1.4	M	M	M	M	E.1/2	
	Data coding / message class	R96	1.5, 1.6	M	M	M	M	E.1/2	
38	**SMS-CB DATA DOWNLOAD 27.22.5.2**								
	ME does not display message	R96	1.1	M	M	M	M	E.1/3	
	More time	R96	1.2	M	M	M	M	E.1/3 AND E.1/20	
	ME displays message	R96	1.3	M	M	M	M	E.1/3	
39	**CALL CONTROL BY SIM 27.22.6**								
	Procedure for MO calls (Cell identity in envelope call control)	R97	1.1 to 1.14		M	M	M	E.1/10 AND E.1/11 AND E.1/13 AND E.1/29	
	Procedure for SS (Cell identity in envelope call control)	R97	2.1, 2.2, 2.3, 2.4		M	M	M	E.1/10 AND E.1/11	
	Interaction with FDN (Cell identity in envelope call control)	R97	3.1, 3.2, 3.3, 3.5		M	M	M	E.1/10	
	Support of BDN service (Cell identity in envelope call control)	R97	4.1, 4.2, 4.3, 4.4		M	M	M	E.1/10	
40	**EVENT DOWNLOAD 27.22.7**								
	27.22.7.1: MT call event	R97	1.1		M	M	M	E.1/34 AND E.1/33	
	27.22.7.2.1: call connected event	R97	1.1		M	M	M	E.1/35 AND E.1/33	
	27.22.7.2.2: ME supporting SET UP CALL	R97	2.1		M	M	M	E.1/35 AND E.1/29 AND E.1/33	
	27.22.7.3: call disconnected event	R97	1.1		M	M	M	E.1/36 AND E.1/33	
	27.22.7.4: location status event	R97	1.1		M	M	M	E.1/37	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
								AND E.1/33	
	27.22.7.5: user activity event	R97	1.1		M	M	M	E.1/38 AND E.1/33	
	27.22.7.6: idle screen available event	R97	1.1		M	M	M	E.1/39 AND E.1/33	
	27.22.7.7.1: Card reader status normal	R98	1.1			C109	C109	E.1/40 AND E.1/33	
	27.22.7.7.2: Detachable card reader	R98	2.1			C116	C116	E.1/40 AND E.1/33	
	27.22.7.8: language selection event	R99	1.1				M	E.1/41 AND E.1/33	
	27.22.7.9: Browser termination event	R99	1.1				C111	E.1/42 AND E.1/33	
	27.22.7.10: Data available event	R99	1.1				C113 AND C121	E.1/43 AND E.1/89 AND E.1/33	
	27.22.7.11: Channel status event	R99	1.1				C113 AND C121	E.1/44 AND E.1/89 AND E.1/33	
41	**MO SMS Control by SIM 27.22.8**								
	With proactive command, Allowed , no modification	R98	1.1			M	M	E1/12 AND E.1/26	
	With user SMS, Allowed , no modification	R98	1.2			M	M	E1/12	
	With proactive command, Not allowed	R98	1.3			M	M	E1/12 AND E.1/26	
	With user SMS, Not allowed	R98	1.4			M	M	E1/12	
	With proactive command, Allowed, with modifications	R98	1.5			M	M	E1/12 AND E.1/26	

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
	With user SMS, Allowed, with modifications	R98	1.6			M	M	E1/12	
	With Proactive command, the SIM responds with '90 00', Allowed, no modification	R98	1.7			M	M	E1/12 AND E.1/26	
	Send Short Message attempt by user, the SIM responds with '90 00', Allowed, no modification	R98	1.8			M	M	E1/12	
	Send Short Message attempt by user, the SIM responds with '93 00	R98	1.9			M	M	E1/12	

C101 IF A.1/1 THEN M ELSE N/A -- O_Cap_Conf
C102 void
C103 void
C104 IF A.1/2 THEN M ELSE N/A -- O_Sust_text
C105 IF A.1/3 THEN M ELSE N/A -- O_Ucs2_Entry
C106 IF A.1/4 THEN M ELSE N/A -- O_Ext_Str
C107 IF A.1/5 THEN M ELSE N/A -- O_Help
C108 IF A.1/6 THEN (O.1 OR O.2) ELSE N/A -- O_Icons
C109 IF A.1/7 THEN M ELSE N/A -- O_Dual_Slot
C110 IF A.1/9 THEN M ELSE N/A -- O_Run_At
C111 IF A.1/10 THEN M ELSE N/A -- O_LB
C112 IF A.1/11 THEN M ELSE N/A -- O_Soft_key
C113 IF A.1/12 THEN M ELSE N/A -- O_BIP_CSD
C114 IF C110 AND C108 THEN M ELSE N/A -- O_Run_At AND O_Icons
C115 IF C111 AND C108 THEN M ELSE N/A -- O_LB AND O_Icons
C116 IF C105 AND A.1/8 THEN M ELSE N/A -- O_Dual_Slot AND O_Detach_Rdr
C117 IF C111 AND C105 THEN M ELSE N/A -- O_LB AND O_Ucs2
C118 IF A.1/14 THEN M ELSE N/A -- O_Ucs2_Disp
C119 IF A.1/19 THEN M ELSE N/A -- O_Redial
C120 IF A.1/20 THEN M ELSE N/A -- O_D_NoResp
C121 IF A.1/21 AND A.1/17 THEN M ELSE N/A -- O_BIP_GPRS AND O_UDP
C122 IF C111 AND A.1/16~~21~~ THEN M ELSE N/A -- O_LB AND O~~_BIP~~_GPRS
C123 ~~IF C111 THEN O.3 ELSE N/A~~void -- ~~(O_LB AND O_BIP_GPRS AND O_BIP_CSD) OR (O_LB AND O_BIP_CSD)~~
C124 IF A.1/22, test x.A M ELSE x.B M (where x is the expected sequence number value) -- O_CP_Subaddr
O.1 IF (the ME supports icons as defined in record 1 of $EF_{(IMG)}$, tests x.1A M ELSE tests x.1B M (where x is the expected sequence number value)
O.2 IF the ME supports icons as defined in record 2 of $EF_{(IMG)}$, tests x.2A M ELSE x.2B M (where x is the expected sequence number value)
O.3 IF (A.1/21 AND A.1/12) tests (x.A AND x.C) M ELSE IF A.1/12 test x.1B M (where x is the expected sequence number value)

27.22.4.26 LAUNCH BROWSER

27.22.4.26.1 LAUNCH BROWSER (No session already launched)

27.22.4.26.1.1 Definition and applicability

See clause 3.2.2.

27.22.4.26.1.2 Conformance requirements

The ME shall support the LAUNCH BROWSER Proactive SIM Command as defined in:

- 3GPP TS 11.14 [15] clause 5.2, clauses 6.4.26 and 6.6.26, clause 12.6, clause 12.7, clause 12.48, clause 13.2, clause 12.2, clause 12.47, clause 12.49, clause 12.50, clause 12.15 and clause 12.31.

27.22.4.26.1.3 Test purpose

To verify that when the ME is in idle state, it launches properly the Wap session required in LAUNCH BROWSER, and returns a successful result in the TERMINAL RESPONSE command.

27.22.4.26.1.4 Method of test

27.22.4.26.1.4.1 Initial conditions

The ME is connected to the SIM Simulator and the System Simulator.

The elementary files are coded as SIM Application Toolkit default.

Prior to this test the ME shall have been powered on and performed the PROFILE DOWNLOAD procedure.

A valid access to 2 different Wap gateways is required:

- the default Wap parameters (IP address, gateway/proxy identity, called number, URL …) of the tested mobile shall be properly filled to access one of the gateways ("default gateway")

  With that default gateway we shall be able to access to an URL different from the default one.

- another gateway with an IP address different from the one defined in default Wap parameters.

The mobile is in idle mode.

The following Bearer Parameters used are those defined in the default Test PDP context3, as specified in TS 51.010-1 [12], for test cases using packet services:

Bearer Parameters

Precedence Class:	02
Delay Class:	04
Reliability Class:	05
Peak throughput class:	05
Mean throughput class:	16
Packet data protocol:	02 (IP)

GPRS Parameters

Network access name:	TestGp.rs
User login:	UserLog
User password:	UserPwd

SIM/ME interface transport level

Transport format:	UDP
Port number:	44444
Data destination address	01.01.01.01

27.22.4.26.1.4.2 Procedure

Expected Sequence 1.1 (LAUNCH BROWSER, connect to the default URL)

Step	Direction	MESSAGE / Action	Comments
0	ME		[the ME is in idle mode]
1	SIM → ME	PROACTIVE COMMAND PENDING: LAUNCH BROWSER 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: LAUNCH BROWSER 1.1.1	[connect to the default URL, "launch browser, if not already launched", no null alpha id.]
4	ME → USER	ME displays the alpha identifier	
5	USER → ME	The user may have to confirm the launch browser.	[option: user confirmation]

6	ME → SIM	TERMINAL RESPONSE: LAUNCH BROWSER 1.1.1	[Command performed successfully]
7	ME→SS	The ME attempts to launch the session with the default Wap parameters and the default URL.	
8	SIM → ME	PROACTIVE SIM SESSION ENDED	
9	USER → ME	The user verifies that the default Wap session is properly established. Then he/she ends the navigation. The ME returns in idle mode.	

27.22.7.9 Browser termination event

27.22.7.9.1 Browser termination (normal)

27.22.7.9.1.1 Definition and applicability

This test is only applicable to ME's that support the EVENT: browser termination event driven information.

27.22.7.9.1.2 Conformance requirement

The ME shall support the EVENT: Browser termination event as defined in:

- 3GPP TS 11.14 [15] clause 4.7, clause 5.2, clause 6.4.16, clause 6.8, clause 11, clause 11.9, clause 12.25, clause 12.51, annex G and clause 12.7.

27.22.7.9.1.3 Test purpose

To verify that the ME informs the SIM of an Event: Browser termination using the ENVELOPE (EVENT DOWNLOAD - Browser Termination) command.

This test applies for MEs which have a browser.

27.22.7.9.1.4 Method of test

27.22.7.9.1.4.1 Initial conditions

The ME is connected to the SIM Simulator.

The ME shall be powered on and perform the PROFILE DOWNLOAD procedure.

27.22.7.9.1.4.2 Procedure

Expected Sequence 1.1 (EVENT DOWNLOAD - Browser termination)

Step	Direction	Message / Action	Comments
1	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1 PENDING	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1	[EVENT: Browser termination Status]
4	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1	[Successfully]
5	User→ME	Launch the browser , go to an URL, then stop the session and the browser.	
6	ME→ SIM	ENVELOPE: BROWSER TERMINATION 1.1.1	

PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1

Logically:

Command details
- Command number: 1
- Command type: SET UP EVENT LIST
- Command qualifier: '00'

Device identities
- Source device: SIM
- Destination device: ME

Event list
- Event 1: Browser termination

Coding:

BER-TLV:	D0	0C	81	03	01	05	00	82	02	81	82
	99	01	08								

TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1

Logically:

Command details
Command number: 1
Command type: SET UP EVENT LIST
Command qualifier: '00'
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Command performed successfully

Coding:

BER-TLV:	81	03	01	05	00	82	02	82	81	83	01	00

ENVELOPE: EVENT DOWNLOAD BROWSER TERMINATION 1.1.1

Logically:

Event list
Event 1: Browser termination
Device identities
Source device: ME
Destination device: SIM
Browser termination cause: User termination

Coding:

BER-TLV:	D6	0A	99	01	08	82	02	82	81	B4	01	00

27.22.7.9.1.5 Test requirement

The ME shall operate in the manner defined in expected sequence 1.1.

27.22.7.10 Data available event

27.22.7.10.1 Definition and applicability

See clause 3.2.2.

27.22.7.10.2 Conformance requirements

The ME shall support the class "e" commands as defined in:

- 3GPP TS 11.14 [15].

Additionally the ME shall support ENVELOPE (EVENT DOWNLOAD - Data available).

27.22.7.10.3 Test purpose

To verify that the ME shall send an ENVELOPE (EVENT DOWNLOAD - Data available) to the SIM after the ME receives a packet of data from the server by the BIP channel previously opened.

27.22.7.10.4 Method of test

27.22.7.10.4.1 Initial conditions

The ME is connected to the SIM Simulator. The elementary files are coded as Toolkit default.

Prior to this test the ME shall have been powered on and performed the PROFILE DOWNLOAD procedure. The SIM must have sent the SET UP EVENT LIST to the ME to supply a set of events (event Data available).

For MEs supporting BIP related to CSD (i.e condition C113 in table B.1), the PROACTIVE COMMAND: OPEN CHANNEL 1.1.1A shall be executed to open a channel successfully at the beginning of the test. The corresponding Terminal Response shall be TERMINAL RESPONSE: OPEN CHANNEL 1.1.1A.

For MEs supporting BIP related to GPRS in UDP (i.e condition C121 in table B.1), The PROACTIVE COMMAND: OPEN CHANNEL 1.1.1B shall be executed to open a channel successfully at the beginning of the test. The corresponding Terminal Response shall be TERMINAL RESPONSE: OPEN CHANNEL 1.1.1B.

The following Bearer Parameters used are those defined in the default Test PDP context3, as specified in TS 51.010-1 [12], for test cases using packet services:

Bearer Parameters

Precedence Class: 02
Delay Class: 04
Reliability Class: 05
Peak throughput class: 05
Mean throughput class: 16
Packet data protocol: 02 (IP)

GPRS Parameters

Network access name: TestGp.rs
User login: UserLog

User password: UserPwd

SIM/ME interface transport level

Transport format: UDP
Port number: 44444
Data destination address 01.01.01.01

27.22.7.10.4.2 Procedure

Expected sequence 1.1 (EVENT DOWNLOAD - Data available)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: OPEN CHANNEL 1.1.1A or PROACTIVE COMMAND PENDING: OPEN CHANNEL 1.1.1B	See initial conditions
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: OPEN CHANNEL 1.1.1A or PROACTIVE COMMAND: OPEN CHANNEL 1.1.1B	[Command performed successfully]
4	SS → ME	Data sent through the BIP channel	
5	ME → SIM	ENVELOPE 1.1.1 (Event-Data Available)	

ENVELOPE: EVENT DOWNLOAD - Data available 1.1.1

Logically:

Event list
Event: Data available
Device identities
Source device: ME
Destination device: SIM
Channel status
Channel status: Channel 1 open, link established
Channel Data Length
Channel data length: 8 Bytes available in Rx buffer

Coding:

BER-TLV:	D6	0E	99	01	09	82	02	82	81	B8	02	81
	00	B7	01	08								

27.22.7.10.1.5 Test requirement

The ME shall operate in the manner defined in expected sequence 1.1.

27.22.7.11 Channel Status event

27.22.7.11.1 Definition and applicability

See clause 3.2.2.

27.22.7.11.2 Conformance requirements

The ME shall support the class "e" commands as defined in:

- 3GPP TS 11.14 [15].

Additionally the ME shall support ENVELOPE (EVENT DOWNLOAD - Channel Status).

27.22.7.11.3 Test purpose

To verify that the ME shall send an ENVELOPE (EVENT DOWNLOAD - Channel Status) to the SIM after the link dropped between the NETWORK and the ME.

27.22.7.11.4 Method of test

27.22.7.11.4.1 Initial conditions

The ME is connected to the SIM Simulator and the System Simulator. The elementary files are coded as Toolkit default.

Prior to this test the ME shall have been powered on and performed the PROFILE DOWNLOAD procedure.

For MEs supporting BIP related to CSD (i.e condition C113 in table B.1), the PROACTIVE COMMAND: OPEN CHANNEL 1.1.1A shall be executed to open a channel successfully at the beginning of the test. The corresponding Terminal Response shall be TERMINAL RESPONSE: OPEN CHANNEL 1.1.1A.

For MEs supporting BIP related to GPRS in UDP (i.e condition C121 in table B.1), The PROACTIVE COMMAND: OPEN CHANNEL 1.1.1B shall be executed to open a channel successfully at the beginning of the test. The corresponding Terminal Response shall be TERMINAL RESPONSE: OPEN CHANNEL 1.1.1B.

The following Bearer Parameters used are those defined in the default Test PDP context3, as specified in TS 51.010-1 [12], for test cases using packet services:

Bearer Parameters

Precedence Class: 02
Delay Class: 04
Reliability Class: 05
Peak throughput class: 05
Mean throughput class: 16
Packet data protocol: 02 (IP)

GPRS Parameters

Network access name: TestGp.rs
User login: UserLog
User password: UserPwd

SIM/ME interface transport level

Transport format: UDP
Port number: 44444
Data destination address 01.01.01.01

27.22.7.11.4.2 Procedure

Expected sequence 1.1 (EVENT DOWNLOAD - Channel Status on a link dropped)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP EVENT LIST 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1	[EVENT: channel status]
4	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1	[command performed successfully]
5	SIM → ME	PROACTIVE COMMAND PENDING: OPEN CHANNEL 1.1.1A or PROACTIVE COMMAND PENDING: OPEN CHANNEL 1.1.1B	See initial conditions
6	ME → SIM	FETCH	
7	SIM → ME	PROACTIVE COMMAND: OPEN CHANNEL 1.1.1A or PROACTIVE COMMAND: OPEN CHANNEL 1.1.1B	
8	ME → SS	SETUP CALL	
9	SS → ME	CONNECTED	
10	ME → SIM	TERMINAL RESPONSE: OPEN CHANNEL 1.1.1A or TERMINAL RESPONSE: OPEN CHANNEL 1.1.1B	[Command performed successfully]
11	NETWORK → ME	Link dropped	
12	ME → SIM	ENVELOPE 1.1.1 (Event-Channel Status)	

PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1

Logically:

Command details
- Command number: 1
- Command type: SET UP EVENT LIST
- Command qualifier: '00'

Device identities
- Source device: SIM
- Destination device: ME

Event list
Event 1: Channel Status

Coding:

BER-TLV:	D0	0C	81	03	01	05	00	82	02	81	82
	99	01	0A								

TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1

Logically:

Command details
Command number: 1
Command type: SET UP EVENT LIST
Command qualifier: '00'
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Command performed successfully

Coding:

BER-TLV:	81	03	01	05	00	82	02	82	81	83	01	00

PROACTIVE COMMAND: OPEN CHANNEL 1.1.1A

Logically:

Command details
Command number: 1
Command type: OPEN CHANNEL
Command qualifier: immediate link establishment
Device identities
Source device: SIM
Destination device: ME
Address
TON: International number
NPI: ISDN / telephone numbering plan

Dialling number string "112233445566778"
Bearer description
Bearer type: CSD
Bearer parameter
Data rate: 9600bps V.32
Bearer service: data circuit asynchronous UDI
Connection element: non-transparent
Buffer size 1000

Coding:

BER-TLV:	D0	1E	81	03	01	40	01	82	02	81	82	86
	09	91	11	22	33	44	55	66	77	F8	B5	04
	01	07	00	01	B9	02	03	E8				

TERMINAL RESPONSE: OPEN CHANNEL 1.1.1A

Logically:

Command details
Command number: 1
Command type: OPEN CHANNEL
Command qualifier: immediate link establishment
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Command performed successfully
Channel status Channel identifier 1 and link established
Bearer description
Bearer type: CSD
Bearer parameter
Data rate: 9600bps V.32
Bearer service: data circuit asynchronous
Connection element: non-transparent
Buffer size 1000

Coding:

BER-TLV:	81	03	01	40	01	82	02	82	81	83	01	00
	B8	02	81	01	B5	04	01	07	00	01	B9	02

03	E8										

PROACTIVE COMMAND: OPEN CHANNEL 1.1.1B

Logically:

Command details
- Command number: 1
- Command type: OPEN CHANNEL
- Command qualifier: immediate link establishment

Device identities
- Source device: SIM
- Destination device: ME

Bearer
- Bearer type: GPRS
- Bearer parameter:
  - Precedence Class: 02
  - Delay Class: 04
  - Reliability Class: 05
  - Peak throughput class: 05
  - Mean throughput class: 16
  - Packet data protocol: 02 (IP)

Buffer
- Buffer size: 1000

Text String: UserLog (User login)

Text String: UserPwd (User password)

SIM/ME interface transport level
- Transport format: UDP
- Port number: 44444

Data destination address 01.01.01.01

Coding:

BER-TLV:	D0	36	81	03	01	40	01	82	02	81	82	35
	07	02	02	04	05	05	10	02	39	02	03	E8
	0D	08	F4	55	73	65	72	4C	6F	67	0D	08
	F4	55	73	65	72	50	77	64	3C	03	01	AD
	9C	3E	05	21	01	01	01	01				

TERMINAL RESPONSE: OPEN CHANNEL 1.1.1B

Logically:

Command details
- Command number: 1
- Command type: OPEN CHANNEL
- Command qualifier: immediate link establishment

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Command performed successfully

Channel status: Channel identifier 1 and link established or PDP context activated

Bearer description
- Bearer type: GPRS
- Bearer parameter:
  - Precedence Class: 02
  - Delay Class: 04
  - Reliability Class: 05
  - Peak throughput class: 05
  - Mean throughput class: 16
  - Packet data protocol: 02 (IP)

Buffer
- Buffer size: 1000

Coding:

BER-TLV:	81	03	01	40	01	82	02	82	81	83	01	00
	38	02	81	00	35	07	02	02	04	05	05	10
	02	39	02	03	E8							

ENVELOPE: EVENT DOWNLOAD - Channel Status 1.1.1

Logically:

Event list
- Event: Channel Status

Device identities
- Source device: ME

Destination device: SIM

Channel status

Channel status: Channel 1, link dropped

Coding:

BER-TLV:	D6	0B	99	01	09	82	02	82	81	B8	02	01
	05											

27.22.7.11.1.5 Test requirement

The ME shall operate in the manner defined in expected sequence 1.1.

Annex E (normative): Details of terminal profile support

Table E.1: TERMINAL PROFILE support

Item	Terminal Profile	Ref.	Release	Status	Support	Mnemonic
1	Profile Download	3GPP TS 11.14, 5	R96	M		PD_Pro_Dvnl
2	SMS-PP data download	3GPP TS 11.14, 5	R96	C201		PD_SMS_PP
3	Cell Broadcast data download	3GPP TS 11.14, 5	R96	C202		PD_CB
4	Menu selection	3GPP TS 11.14, 5	R96	M		PD_Menu_sel
5	'9EXX' response code for SIM data download error	3GPP TS 11.14, 5	R97	M		PD_9EXX
6	Timer expiration	3GPP TS 11.14, 5	R98	M		PD_TExpir
7	USSD string data object supported in Call Control	3GPP TS 11.14, 5	R98	M		PD_CC_USSD_Str
8	Envelope Call Control always sent to the SIM during automatic redial mode	3GPP TS 11.14, 5	R99	M		PD_CC_Auto_Redial
9	Command result	3GPP TS 11.14, 5	R96	M		PD_Cmd_Res
10	Call Control by SIM	3GPP TS 11.14, 5	R96	M		PD_CC
11	Cell identity included in Call Control by SIM	3GPP TS 11.14, 5	R97	M		PD_CC_Cell_Id
12	MO short message control by SIM	3GPP TS 11.14, 5	R98	M		PD_MO_SMS_CC
13	Handling of the alpha identifier	3GPP TS 11.14, 5	R97	M		PD_Alpha _Id
14	UCS2 Entry supported	3GPP TS 11.14, 5	R97	C203		PD_UCS2_entry
15	UCS2 Display supported	3GPP TS 11.14, 5	R97	C203		PD_UCS2_Display
16	Display of the extension text	3GPP TS 11.14, 5	R98	C205		PD_Disp_Ext_Text
17	DISPLAY TEXT	3GPP TS 11.14, 5	R96	M		PD_Display_Text
18	GET INKEY	3GPP TS 11.14, 5	R96	M		PD_Get_Inkey
19	GET INPUT	3GPP TS 11.14, 5	R96	M		PD_Get_Input
20	MORE TIME	3GPP TS 11.14, 5	R96	M		PD_More_Time
21	PLAY TONE	3GPP TS 11.14, 5	R96	M		PD_Play_Tone
22	POLL INTERVAL	3GPP TS 11.14, 5	R96	M		PD_Poll_interval
23	POLLING OFF	3GPP TS 11.14, 5	R96	M		PD_Polling_Off
24	REFRESH	3GPP TS 11.14, 5	R96	M		PD_Refresh
25	SELECT ITEM	3GPP TS 11.14, 5	R96	M		PD_Select_Item
26	SEND SHORT MESSAGE	3GPP TS 11.14, 5	R96	M		PD_Send_SMS
27	SEND SS	3GPP TS 11.14, 5	R96	M		PD_Send_SS
28	SEND USSD	3GPP TS 11.14, 5	R98	M		PD_Send_USSD
29	SET UP CALL	3GPP TS 11.14, 5	R96	M		PD_SetUp_Call
30	SET UP MENU	3GPP TS 11.14, 5	R96	M		PD_SetUp_Menu
31	PROVIDE LOCAL INFORMATION (LOCI & IMEI)	3GPP TS 11.14, 5	R96	M		PD_Provide_Local

Item	Terminal Profile	Ref.	Release	Status	Support	Mnemonic
32	PROVIDE LOCAL INFORMATION (NMR)	3GPP TS 11.14, 5	R97	M		PD_Provide_Local_NMR
33	SET UP EVENT LIST	3GPP TS 11.14, 5	R98	M		PD_Setup_Evt_List
34	Event: MT call	3GPP TS 11.14, 5	R98	M		PD_MT_Call
35	Event: Call connected	3GPP TS 11.14, 5	R98	M		PD_Call_Conn
36	Event: Call disconnected	3GPP TS 11.14, 5	R98	M		PD_Call_Disc
37	Event: Location status	3GPP TS 11.14, 5	R98	M		PD_Loc_Status
38	Event: User activity	3GPP TS 11.14, 5	R98	M		PD_User_Act
39	Event: Idle screen available	3GPP TS 11.14, 5	R98	M		PD_Idle_Scr_Avail
40	Event: Card reader status	3GPP TS 11.14, 5	R98	C206		PD_Evt_Rdr_Status
41	Event: Language selection	3GPP TS 11.14, 5	R99	M		PD_Lang_Select
42	Event: Browser Termination	3GPP TS 11.14, 5	R99	C212		PD_Browser_Term
43	Event: Data available	3GPP TS 11.14, 5	R99	C223		PD_Data_Avail
44	Event: Channel status	3GPP TS 11.14, 5	R99	C223		PD_Evt_Ch_Status
45	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_45
46	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_46
47	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_47
48	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_48
49	POWER ON CARD	3GPP TS 11.14, 5	R98	C206		PD_C_On
50	POWER OFF CARD	3GPP TS 11.14, 5	R98	C206		PD_C_Off
51	PERFORM CARD APDU	3GPP TS 11.14, 5	R98	C206		PD_C_APDU
52	GET READER STATUS (Card reader status)	3GPP TS 11.14, 5	R98	C206		PD_Get_Rdr_Status
53	GET READER STATUS (Card reader identifier)	3GPP TS 11.14, 5	R99	C208		PD_Get_Rdr_Id
54	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_54
55	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_55
56	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_56
57	TIMER MANAGEMENT (start, stop)	3GPP TS 11.14, 5	R98	M		PD_Timer_Mgt_Start_Stop
58	TIMER MANAGEMENT (get current value)	3GPP TS 11.14, 5	R98	M		PD_Timer_Val
59	PROVIDE LOCAL INFORMATION (date, time and time zone)	3GPP TS 11.14, 5	R98	M		PD_Provide_Local_D_Time
60	Binary choice in GET INKEY	3GPP TS 11.14, 5	R98	M		PD_Bin_Get_Inkey
61	SET UP IDLE MODE TEXT	3GPP TS 11.14, 5	R98	M		PD_Stup_Id_Mod_Txt
62	RUN AT COMMAND (i.e. class "b" is supported)	3GPP TS 11.14, 5	R98	C209		PD_Run_AT
63	2nd alpha identifier in SET UP CALL	3GPP TS 11.14, 5	R98	M		PD_SetUp_Call_Sec_Alpha_Id
64	2nd capability configuration parameter	3GPP TS 11.14, 5	R98	C210		PD_Cap_Conf_Param
65	Sustained DISPLAY TEXT	3GPP TS 11.14, 5	R98	C211		PD_Sustained_Displ_Txt
66	SEND DTMF command	3GPP TS 11.14, 5	R98	M		PD_Send_DTMF
67	PROVIDE LOCAL INFORMATION - BCCH	3GPP TS 11.14, 5	R98	M		PD_Provide_Local_BCCH_List
68	PROVIDE LOCAL INFORMATION (language)	3GPP TS 11.14, 5	R99	M		PD_Provide_Local_LS
69	PROVIDE LOCAL INFORMATION (Timing Advance)	3GPP TS 11.14, 5	R99	M		PD_Provide_Local_TA
70	LANGUAGE NOTIFICATION	3GPP TS 11.14, 5	R99	M		PD_Lang_Notif
71	LAUNCH BROWSER	3GPP TS 11.14, 5	R99	C212		PD_Launch_Brws
72	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_72
73	Soft keys support for SELECT ITEM	3GPP TS 11.14, 5	R99	C213		PD_Softkey_Select_Item
74	Soft Keys support for SET UP MENU	3GPP TS 11.14, 5	R99	C213		PD_Softkey_SetUp_Menu
75	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_75

Item	Terminal Profile	Ref.	Release	Status	Support	Mnemonic
76	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_76
77	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_77
78	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_78
79	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_79
80	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_80
81	Maximum number of soft keys available ('FF' = RFU)	3GPP TS 11.14, 5	R99	C214		PD_Max_SoftKey
82	Maximum number of soft keys available ('FF' = RFU)	3GPP TS 11.14, 5	R99	C214		PD_Max_SoftKey
83	Maximum number of soft keys available ('FF' = RFU)	3GPP TS 11.14, 5	R99	C214		PD_Max_SoftKey
84	Maximum number of soft keys available ('FF' = RFU)	3GPP TS 11.14, 5	R99	C214		PD_Max_SoftKey
85	Maximum number of soft keys available ('FF' = RFU)	3GPP TS 11.14, 5	R99	C214		PD_Max_SoftKey
86	Maximum number of soft keys available ('FF' = RFU)	3GPP TS 11.14, 5	R99	C214		PD_Max_SoftKey
87	Maximum number of soft keys available ('FF' = RFU)	3GPP TS 11.14, 5	R99	C214		PD_Max_SoftKey
88	Maximum number of soft keys available ('FF' = RFU)	3GPP TS 11.14, 5	R99	C124		PD_Max_SoftKey
89	OPEN CHANNEL	3GPP TS 11.14, 5	R99	C223		PD_Open_Ch
90	CLOSE CHANNEL	3GPP TS 11.14, 5	R99	C223		PD_Close_Ch
91	RECEIVE DATA	3GPP TS 11.14, 5	R99	C223		PD_Rx_Data
92	SEND DATA	3GPP TS 11.14, 5	R99	C223		PD_Send_Data
93	GET CHANNEL STATUS	3GPP TS 11.14, 5	R99	C223		PD_Get_Ch_Status
94	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_94
95	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_95
96	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_96
97	CSD supported by ME	3GPP TS 11.14, 5	R99	C207		PD_CSD
98	GPRS supported by ME	3GPP TS 11.14, 5	R99	C222		PD_GPRS
99	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_99
100	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_100
101	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_101
102	Number of channels supported by ME	3GPP TS 11.14, 5	R99	C223		PD_Nb_Channel

Item	Terminal Profile	Ref.	Release	Status	Support	Mnemonic
103	Number of channels supported by ME	3GPP TS 11.14, 5	R99	C223		PD_Nb_Channel
104	Number of channels supported by ME	3GPP TS 11.14, 5	R99	C223		PD_Nb_Channel
105	Number of characters supported down the ME	3GPP TS 11.14, 5	R99	C217		PD_Nb_Char
106	Number of characters supported down the ME	3GPP TS 11.14, 5	R99	C217		PD_Nb_Char
107	Number of characters supported down the ME	3GPP TS 11.14, 5	R99	C217		PD_Nb_Char
108	Number of characters supported down the ME	3GPP TS 11.14, 5	R99	C217		PD_Nb_Char
109	Number of characters supported down the ME	3GPP TS 11.14, 5	R99	C217		PD_Nb_Char
110	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_110
111	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_111
112	Screen Sizing Parameters	3GPP TS 11.14, 5	R99	C216		PD_Screen_Siz
113	Number of characters supported across the ME display	3GPP TS 11.14, 5	R99	C217		PD_Nb_Char_Disp
114	Number of characters supported across the ME display	3GPP TS 11.14, 5	R99	C217		PD_Nb_Char_Disp
115	Number of characters supported across the ME display	3GPP TS 11.14, 5	R99	C217		PD_Nb_Char_Disp
116	Number of characters supported across the ME display	3GPP TS 11.14, 5	R99	C217		PD_Nb_Char_Disp
117	Number of characters supported across the ME display	3GPP TS 11.14, 5	R99	C217		PD_Nb_Char_Disp
118	Number of characters supported across the ME display	3GPP TS 11.14, 5	R99	C217		PD_Nb_Char_Disp
119	Number of characters supported across the ME display	3GPP TS 11.14, 5	R99	C217		PD_Nb_Char_Disp
120	Variable size fonts Supported	3GPP TS 11.14, 5	R99	C217		PD_Var_Font
121	Display can be resized	3GPP TS 11.14, 5	R99	C218		PD_Disp_Resiz
122	Text Wrapping supported	3GPP TS 11.14, 5	R99	C218		PD_Txt_Wrap
123	Text Scrolling supported	3GPP TS 11.14, 5	R99	C218		PD_Txt_Scroll
124	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_124
125	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_125
126	Width reduction when in a menu	3GPP TS 11.14, 5	R99	C217		PD_Width_Reduc
127	Width reduction when in a menu	3GPP TS 11.14, 5	R99	C217		PD_Width_Reduc
128	Width reduction when in a menu	3GPP TS 11.14, 5	R99	C217		PD_Width_Reduc
129	TCP	3GPP TS 11.14, 5	R99	C220		PD_TCP
130	UDP	3GPP TS 11.14, 5	R99	C221		PD_UDP
131	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_131
132	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_132
133	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_133
134	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_134
135	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_135
136	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_136
137	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_137
138	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_138
139	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_139
140	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_140
141	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_141

Item	Terminal Profile	Ref.	Release	Status	Support	Mnemonic
142	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_142
143	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_143
144	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_144
145	Protocol Version	3GPP TS 11.14, 5	R99	TBD		
146	Protocol Version	3GPP TS 11.14, 5	R99	TBD		
147	Protocol Version	3GPP TS 11.14, 5	R99	TBD		
148	Protocol Version	3GPP TS 11.14, 5	R99	TBD		
149	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_149
150	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_150
151	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_151
152	RFU	3GPP TS 11.14, 5	R96	X		PD_RFU_152

C201	IF E.1/3 THEN O ELSE M	-- PD_CB
C202	IF E.1/2 THEN O ELSE M	-- PD_SMS_PP
C203	IF A.1/3 THEN M	-- O_Ucs2_Entry
C204	IF A.1/154 THEN M	-- O_Ucs2_Disp
C205	IF A.1/4 THEN M	-- O_Ext_Str
C206	IF A.1/7 THEN M	-- O_Dual_Slot
C207	IF A.1/12 THEN M	-- O_BIP_CSD
C208	IF (A.1/7 AND A.1/8) THEN M	-- O_Dual_Slot AND O_Detach_Rdr
C209	IF A.1/9 THEN M	-- O_Run_At
C210	IF A.1/1 THEN M	-- O_Cap_Conf
C211	IF A.1/2 THEN M	-- O_sust_text
C212	IF A.1/10 THEN M	-- O_LB
C213	IF A.1/11 THEN M	-- O_Softkey
C214	IF C213 THEN bit values "0" / "1" allowed	-- O_Softkey (parameters)
C215	Void	-- Void
C216	IF A.1/13 THEN M	-- O_Scr_Siz
C217	IF C217 THEN bit values "0" / "1" allowed	-- O_Scr_Siz (parameters)
C218	IF A.1/14 THEN M	-- O_Scr_Resiz
C219	IF C218 THEN bit values "0" / "1" allowed	-- O_Scr_Resiz (parameters)
C220	IF A.1/18 THEN M	-- O_TCP
C221	IF A.1/17 THEN M	-- O_UDP
C222	IF A.1/21 THEN M	-- O_BIP_GPRS
C223	IF (C207 OR C222) THEN M	-- O_BIP

Comments:
This static requirement for the TERMINAL PROFILE is specifying the bit coding of this command. In the support column a "Yes" (or "Y" or "y") means bit coding "1" and a "No" (or "N" or "n") and "X" means bit coding "0" in the command.