3GPP TSG-CT Meeting #28
Quebec, 1-3 June 2005

CP-050144

Agenda Item: 9.24

Source: CT6

Title: TEI6 test specs CRs

Document for: Approval

This document contains the following change requests that are agreed by 3GPP TSG CT WG6 and forwarded to 3GPP TSG CT plenary for approval:

Table of TEI6 Test Spec CRs

CT doc	CT6 Doc	Spec	CR	Rev	Rel	Title	Source	Cat	WI	Agenda	Status
CP-050144	C6-050458	31.124	002		Rel-6	Correction of applicability table	CT6	F	TEI6	14.6	Agreed
CP-050144	C6-050355	31.124	001		Rel-6	Correction of coding in MT Call Event	CT6	F	TEI6	14.6	Agreed
CP-050144	C6-050388	31.124	004		Rel-6	Too many digits in PCS 1900 for the Called Party BCD number	CT6	F	TEI6	14.6	Agreed
CP-050144	C6-050390	31.124	005		Rel-6	Removal of GET RESPONSE references.	CT6	F	TEI6	14.6	Agreed
CP-050144	C6-050389	31.124	003		Rel-6	Essential corrections	CT6	F	TEI6	14.6	Agreed

3GPP TSG CT WG6 Meeting #35
Cancun, Mexico, 26th – 29th April 2005

Tdoc ⌘ C6-050355

CR-Form-v7.1

CHANGE REQUEST

⌘ **31.124** **CR** **001** ⌘ **rev** **-** ⌘ Current version: **6.0.0** ⌘

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

Proposed change affects: UICC apps⌘ [X] ME [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Correction of coding in MT Call Event
Source:	⌘	CT6
Work item code:	⌘	TEI-6
Date:	⌘	26/04/2005
Category:	⌘	**F**
Release:	⌘	Rel-6

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 coding of Byte 15 in Event Download – MT CALL 1.1.2 is not inline with the logical description.
Summary of change:	⌘	Correction of coding in EVENT DOWNLOAD – MT CALL from '90' (TON: international number NPI: unknown) to '81' (TON: unkown NPI: ISDN / telephone numbering plan) to be align with the logical description.
Consequences if not approved:	⌘	MEs will fail the test due to incorrect coding

Clauses affected:	⌘	27.22.7.1.1.4.2.

	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:
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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.

27.22.7 EVENT DOWNLOAD

27.22.7.1 MT Call Event

27.22.7.1.1 MT Call Event (normal)

27.22.7.1.1.1 Definition and applicability

[…]

27.22.7.1.1.4 Method of test

[…]

27.22.7.1.1.4.2 Procedure

Expected Sequence 1.1 (EVENT DOWNLOAD -MT Call event)

Step	Direction	Message / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1	
4	ME → UICC	TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1	
5	USS → ME	CALL SET UP without CLI	[MT Call Set Up Without CLI]
6	ME → UICC	ENVELOPE: EVENT DOWNLOAD - MT Call 1.1.1	
7	USS → ME	CALL DISCONNECT	
8	USS → ME	CALL SET UP with CLI	[MT Call Set Up With CLI]
9	ME → UICC	ENVELOPE: EVENT DOWNLOAD - MT Call 1.1.2	
10	USS → ME	CALL DISCONNECT	

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: UICC
- Destination device: ME

Event list
- Event 1: MT call

Coding:

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

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: UICC

Result
- General Result: Command performed successfully

Coding:

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

EVENT DOWNLOAD - MT CALL 1.1.1

Logically:

Event list: MT call event

Device identities
- Source device: Network
- Destination device: UICC

Transaction identifier:
- Ti value: 0 (bit 5-7)
- Ti flag: 0 (bit 8)

Coding:

BER-TLV:	D6	0A	19	01	00	82	02	83	81	1C	01	00

EVENT DOWNLOAD - MT CALL 1.1.2

Logically:

Event list: MT call event

Device identities
- Source device: Network
- Destination device: UICC

Transaction identifier:
- Ti value: 0 (bit 5-7)
- Ti flag: 0 (bit 8)

Address:
- TON: Unknown
- NPI: "ISDN / telephone numbering plan"
- Dialling number string: "9876"

Coding:

BER-TLV:	D6	0F	19	01	00	82	02	83	81	1C	01	00
	86	03	~~90~~81	89	67							

27.22.7.1.1.5 Test requirement

The behaviour of the test is as defined in 'Expected Sequence 1.1'.

3GPP TSG-CT6 Meeting #35 *C6-050388*
Cancun, Mexico, 26-29 April 2005 [Revised C6-050271]

CR-Form-v7.1

CHANGE REQUEST

⌘ **31.124** **CR** **004** ⌘ **rev** **-** ⌘ Current version: **6.0.0** ⌘

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

Proposed change affects: UICC apps⌘ [X] ME [X] Radio Access Network [ ] Core Network [X]

Title:	⌘	CR 31.124, Rel-6: Too many digits in PCS 1900 for the Called Party BCD number
Source:	⌘	CT6
Work item code:	⌘	TEI-6
Date:	⌘	27/04/2005
Category:	⌘	**F**
Release:	⌘	Rel-6

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 TS 24.008, clause 10.5.4.7 “Called party BCD number”, the called party BCD number is a type 4 information element with a minimum length of 3 octets and a maximum length of 43 octets. For PCS 1900 the maximum length is 19 octets. Therefore the number of digits specified in Expected Sequence 1.9 of test case 27.22.4.13.1 cannot be accommodated in the Called Party BCD Number information element for PCS 1900
Summary of change:	⌘	The expected sequence 1.9 has been extended to support also the handling for the maximum number of octets for the dialling number string for PCS 1900 and a new PROACTIVE COMMAND SET UP CALL 1.9.1B has been defined for PCS 1900 in test case 27.22.4.13.1. The extension in the sequence and the new proactive command is to use 32 digits for the Called Party BCD number for PCS 1900.
Consequences if not approved:	⌘	A correctly implemented ME will fail the test case.

Clauses affected:	⌘	27.22.4.13.1.4.2: Expected Sequence 1.9 and PROACTIVE COMMAND: SET UP 1.9.1

[Y] [N]

Other specs affected:	⌘		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.

27.22.4.13 SET UP CALL

27.22.4.13.1 SET UP CALL (normal)

[…]

27.22.4.13.1.4.2 Procedure

[…]

Expected Sequence 1.9 (SET UP CALL, max dialling number string, no alpha identifier)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: SET UP CALL 1.9.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND:SET UP CALL 1.9.1A or PROACTIVE COMMAND:SET UP CALL 1.9.1B	[dialling number string, no alpha identifier] [Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
4	USER → ME	The user confirms the set up call	[user confirmation]
5	ME→USS	Option A: The ME attempts to set up a call to "0123456789012345678901234567890123456789*#*#*#*#*#0123456789012345678901234567890123456789*#*#*#*#*#" or Option B: The ME attempts to set up a call to "0123456789012345678901234567890123456789*#*#*#*#*#0123"	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
6	USS → ME	The ME receives the CONNECT message from the USS.	
7	ME → UICC	TERMINAL RESPONSE 1.9.1	[Command performed successfully]
8	USER → ME	The user ends the call The ME returns in idle mode.	

PROACTIVE COMMAND: SET UP CALL 1.9.1A

Logically:

Command details
- Command number: 1
- Command type: SET UP CALL
- Command qualifier: only if not currently busy on another call with redial

Device identities
- Source device: UICC
- Destination device: Network

Address
- TON: International
- NPI: ISDN / telephone numbering plan

Dialling number string: "0123456789012345678901234567890123456789*#*#*#*#*#*#0123456789012345678901234567890123456789*#*#*#*#*#*#"

Coding:

BER-TLV:	D0	34	81	03	01	10	01	82	02	81	83	86
	29	91	10	32	54	76	98	10	32	54	76	98
	10	32	54	76	98	BA	BA	BA	BA	BA	10	32
	54	76	98	10	32	54	76	98	10	32	54	76
	98	BA	BA	BA	BA	BA						

PROACTIVE COMMAND: SET UP CALL 1.9.1B

Logically:

Command details
Command number: 1
Command type: SET UP CALL
Command qualifier: only if not currently busy on another call with redial
Device identities
Source device: UICC
Destination device: Network
Address
TON: International
NPI: ISDN / telephone numbering plan
Dialling number string: "012345678901234567*#*#*#*#*#0123"

Coding:

BER-TLV:	D0	1C	81	03	01	10	01	82	02	81	83	86
	11	91	10	32	54	76	98	10	32	54	76	BA
	BA	BA	BA	BA	10	32						

TERMINAL RESPONSE: SET UP CALL 1.9.1

Logically:

Command details
Command number: 1
Command type: SET UP CALL
Command qualifier: only if not currently busy on another call with redial
Device identities
Source device: ME
Destination device: UICC
Result
General Result: Command performed successfully

Coding:

BER-TLV:	81	03	01	10	01	82	02	82	81	83	01	00

[…]

3GPP TSG-CT6 Meeting #35
Cancun, Mexico, 26.-29.05.2005

Tdoc ⌘C6-050389
(revised C6-050223)

CR-Form-v7.1

CHANGE REQUEST

⌘ **31.124** **CR** 003 ⌘**rev** **-** ⌘ Current version: **6.0.0** ⌘

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

Proposed change affects: UICC apps⌘ [X] ME [ ] Radio Access Network [ ] Core Network [ ]

Title:	⌘	CR 31.124, Rel-6: Essential corrections
Source:	⌘	CT6
Work item code:	⌘	TEI6
Date:	⌘	27/04/2005
Category:	⌘	**F**
Release:	⌘	Rel-6

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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: ⌘

1) Incorrect coding of the proactive commands 8.6.1, DISPLAY TEXT 8.6.2, DISPLAY TEXT 8.8.1, DISPLAY TEXT 8.8.2 and DISPLAY TEXT 8.10.2

2) Get Inkey Text Attribute tests are performed with the command qualifier "digits (0-9, *, # and +) only". Therefore entry of "-" is not possible and shall be replaced by another allowed character like "#".

3) Incorrect numbering and coding of the second occurrence PROACTIVE COMMAND: GET INPUT 8.5.2

4) Alignment of Expected Sequence 8.8 (GET INPUT, Text attribute – Underline On) and Expected Sequence 6.8 (SET UP MENU, Text Attribute – Underline On, successful) with other TS 31.124 tests for the Text Attribute – Underline feature.

5) Incorrect numbering of Play Tone proactive commands (second occurrence of Play Tone 4.6.2 shall be Play Tone 4.6.3)

6) Incorrect coding of the proactive commands PLAY TONE 4.5.3, PLAY TONE 4.6.3 , PLAY TONE 4.7.3, SELECT ITEM 9.1.1, SELECT ITEM 9.2.1and SELECT ITEM 9.3.1

7) Alignment of Send SS icon test with other icon tests in TS 31.124 needed in Expected Sequence 2.1A (SEND SS, call forward unconditional, all bearers, successful, basic icon self explanatory, successful), Expected Sequence 2.2A (SEND SS, call forward unconditional, all bearers,

	successful, colour icon self explanatory, successful) and Expected Sequence 2.3A (SEND SS, call forward unconditional, all bearers, successful, basic icon non self-explanatory, successful) 8) Incorrect logical description of SS String in the proactive commands SEND SS 1.1.1, SEND SS 1.4.1, SEND SS 1.6.1, SEND SS 2.1.1, SEND SS 2.2.1, SEND SS 2.3.1, SEND SS 2.4.1, SEND SS 3.1.1, SEND SS 4.1.1, SEND SS 4.1.2, SEND SS 4.2.1, SEND SS 4.2.2, SEND SS 4.3.1, SEND SS 4.3.2, SEND SS 4.4.1, SEND SS 4.4.2, SEND SS 4.4.3, SEND SS 4.5.1, SEND SS 4.5.2, SEND SS 4.5.3, SEND SS 4.6.1, SEND SS 4.6.2, SEND SS 4.6.3, SEND SS 4.7.1, SEND SS 4.7.2, SEND SS 4.7.3, SEND SS 4.8.1, SEND SS 4.8.2, SEND SS 4.8.3, SEND SS 4.9.1, SEND SS 4.9.2, SEND SS 4.9.3, SEND SS 4.10.1 and SEND SS 4.10.2 9) Incorrect step numbering in Expected Sequence 1.5 (GET INPUT, digits only, SMS default alphabet, ME to echo text, ME supporting 8 bit data Message), Expected Sequence 1.1(RUN AT COMMAND, no alpha identifier presented, request IMSI), Expected Sequence 1.2 (RUN AT COMMAND, null data alpha identifier presented, request IMSI), Expected Sequence 1.3 (RUN AT COMMAND, alpha identifier presented, request IMSI) and Expected Sequence 2.3A (RUN AT COMMAND, basic icon non self-explanatory, request IMSI, successful) 10) Incorrect Alpha Identifier coding in PROACTIVE COMMAND: LAUNCH BROWSER 4.2.1 11) Incorrect Device Identity coding in TERMINAL RESPONSE: SEND DATA 1.3.2
Summary of change: ⌘	Corrections and adjustments according to above listed topics
Consequences if not approved: ⌘	1) Test like Get Inkey – Text attributes can't be executed 2) Incorrect codings will lead to failed tests 3) Inconsistency within TS 31.124

Clauses affected: ⌘	27.22.4.1.8.6.4.2, 27.22.4.1.8.8.4.2, 27.22.4.1.8.10.4.2, 27.22.4.2.9.1.4.2, 27.22.4.2.9.2.4.2, 27.22.4.2.9.3.4.2, 27.22.4.2.9.4.4.2, 27.22.4.2.9.5.4.2, 27.22.4.2.9.6.4.2, 27.22.4.2.9.7.4.2, 27.22.4.2.9.8.4.2, 27.22.4.2.9.9.4.2, 27.22.4.2.9.10.4.2, 27.22.4.3.1.4.2, 27.22.4.3.8.5.4.2, 27.22.4.3.8.8.4.2, 27.22.4.8.6.8.4.2, 27.22.4.5.4.5.4.2, 27.22.4.5.4.6.4.2, 27.22.4.9.9.1.4.2, 27.22.4.9.9.2.4.2, 27.22.4.9.9.3.4.2, 27.22.4.11.1.4.2, 27.22.4.11.2.4.2, 27.22.4.11.3.4.2, 27.22.4.11.4.1.4.2, 27.22.4.11.4.2.4.2, 27.22.4.11.4.3.4.2, 27.22.4.11.4.4.4.2, 27.22.4.11.4.5.4.2, 27.22.4.11.4.6.4.2, 27.22.4.11.4.7.4.2, 27.22.4.11.4.8.4.2, 27.22.4.11.4.9.4.2, 27.22.4.11.4.10.4.2, 27.22.4.23.1.4.2, 27.22.4.23.2.4.2, 27.22.4.26.4.4.2, 27.22.4.30.1.4.2
Other specs affected: ⌘	Y / N N: Other core specifications N: Test specifications N: 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 reques

27.22.4.1.8.6.4.2 Procedure

[..]

PROACTIVE COMMAND: DISPLAY TEXT 8.6.1

Logically:

Command details
Command number: 1
Command type: DISPLAY TEXT
Command qualifier: normal priority, wait for user to clear message
Device identities
Source device: UICC
Destination device: Display
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Text Attribute 1"
Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold On, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	2~~0~~2	81	03	01	21	80	82	02	81	02	8D
	11	04	54	65	78	74	20	41	74	74	72	69
	62	75	74	65	20	31	D0	04	00	10	10	B4

[..]

PROACTIVE COMMAND: DISPLAY TEXT 8.6.2

Logically:

Command details
Command number: 1
Command type: DISPLAY TEXT
Command qualifier: normal priority, wait for user to clear message
Device identities
Source device: UICC
Destination device: Display
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Text Attribute 2"
Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	2~~0~~2	81	03	01	21	80	82	02	81	02	8D
	11	04	54	65	78	74	20	41	74	74	72	69
	62	75	74	65	20	32	D0	04	00	10	00	B4

[..]

27.22.4.1.8.8.4.2 Procedure

[..]

PROACTIVE COMMAND: DISPLAY TEXT 8.8.1

Logically:

Command details
Command number: 1
Command type: DISPLAY TEXT
Command qualifier: normal priority, wait for user to clear message
Device identities
Source device: UICC
Destination device: Display
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Text Attribute 1"
Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline On, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	2~~0~~2	81	03	01	21	80	82	02	81	02	8D
	11	04	54	65	78	74	20	41	74	74	72	69
	62	75	74	65	20	31	D0	04	00	10	40	B4

[..]

PROACTIVE COMMAND: DISPLAY TEXT 8.8.2

Logically:

Command details
Command number: 1
Command type: DISPLAY TEXT
Command qualifier: normal priority, wait for user to clear message
Device identities
Source device: UICC
Destination device: Display
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Text Attribute 2"
Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	2~~0~~2	81	03	01	21	80	82	02	81	02	8D

	11	04	54	65	78	74	20	41	74	74	72	69
	62	75	74	65	20	32	D0	04	00	10	00	B4

[..]

27.22.4.1.8.10.4.2 Procedure

Expected Sequence 8.10 (DISPLAY TEXT, Text Attribute with Foreground and Background Colours)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: DISPLAY TEXT 8.10.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: DISPLAY TEXT 8.10.1	[Normal priority, wait for user to clear message]
4	ME → USER	Display "Text Attribute 1"	[Message shall be formatted with foreground and background colour according to text attribute configuration]
5	USER → ME	Clear Message	
6	ME → UICC	TERMINAL RESPONSE: DISPLAY TEXT 8.10.1	
7	UICC → ME	PROACTIVE COMMAND PENDING: DISPLAY TEXT 8.10.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: DISPLAY TEXT 8.10.2	[Normal priority, wait for user to clear message]
10	ME → USER	Display "Text Attribute 2"	[Message shall be formatted with ME's default foreground and background colour]
11	USER → ME	Clear Message	
12	ME → UICC	TERMINAL RESPONSE: DISPLAY TEXT 8.10.1	

[..]

PROACTIVE COMMAND: DISPLAY TEXT 8.10.2

Logically:

Command details
Command number: 1
Command type: DISPLAY TEXT
Command qualifier: normal priority, wait for user to clear message
Device identities
Source device: UICC
Destination device: Display
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Text Attribute 2"

Coding:

BER-TLV:	D0	1C	81	03	01	21	80	82	02	81	02	8D
	11	04	54	65	78	74	20	41	74	74	72	69
	62	75	74	65	20	3~~1~~2						

[..]

27.22.4.2.9.1.4.2 Procedure

Expected Sequence 9.1 (GET INKEY, Text attribute with Left Alignment)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.1.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.1.1	
4	ME → USER	Display "Enter "+""	[Message shall be formatted with left alignment]
5	USER → ME	Enter the input "+" and completion	
6	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.1.1	[Command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.1.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.1.2	
10	ME → USER	Display "Enter "~~-~~#""	[Message shall be formatted without left alignment. Remark: If left alignment is the ME's default alignment as declared in table A.2/6, no alignment change will take place]
11	USER → ME	Enter the input "~~-~~#" and completion	
12	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.1.2	[Command performed successfully]

[..]

PROACTIVE COMMAND: GET INKEY 9.1.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: UICC
Destination device: ME
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Enter "~~-~~#""

Coding:

BER-TLV:	D0	15	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2~~D~~3	22	

TERMINAL RESPONSE: GET INKEY 9.1.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: ME
Destination device: UICC

Result

General Result: Command performed successfully

Text String:

Data coding scheme: unpacked, 8 bit data

Text: "~~-~~#"

Coding:

BER-TLV:	81	03	01	22	00	82	02	82	81	83	01	00
	8D	02	04	2~~D~~3								

[..]

27.22.4.2.9.2.4.2 Procedure

Expected Sequence 9.2 (GET INKEY, Text attribute with Center Alignment)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.2.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.2.1	
4	ME → USER	Display "Enter "+""	[Message shall be formatted with center alignment]
5	USER → ME	Enter the input "+" and completion	
6	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.2.1	[Command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.2.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.2.2	
10	ME → USER	Display "Enter "~~-~~#""	[Message shall be formatted without center alignment. Remark: If center alignment is the ME's default alignment as declared in table A.2/6, no alignment change will take place.]
11	USER → ME	Enter the input "~~-~~#" and completion	
12	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.2.2	[Command performed successfully]

[..]

PROACTIVE COMMAND: GET INKEY 9.2.2

Logically:

Command details

Command number: 1

Command type: GET INKEY

Command qualifier: digits (0-9, *, # and +) only

Device identities

Source device: UICC

Destination device: ME

Text String

Data coding scheme: unpacked, 8 bit data

Text: "Enter "~~-~~#""

Coding:

BER-TLV:	D0	15	81	03	01	22	00	82	02	81	82	8D

	0A	04	45	6E	74	65	72	20	22	2D3	22	

TERMINAL RESPONSE: GET INKEY 9.2.12

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: ME
Destination device: UICC
Result
General Result: Command performed successfully
Text String:
Data coding scheme: unpacked, 8 bit data
Text: "-#"

Coding:

BER-TLV:	81	03	01	22	00	82	02	82	81	83	01	00
	8D	02	04	2D3								

[..]

27.22.4.2.9.3.4.2 Procedure

Expected Sequence 9.3 (GET INKEY, Text attribute with Right Alignment)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.3.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.3.1	
4	ME → USER	Display "Enter "+""	[Message shall be formatted with right alignment]
5	USER → ME	Enter the input "+" and completion	
6	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.3.1	[Command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.3.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.3.2	
10	ME → USER	Display "Enter "-#""	[Message shall be formatted without right alignment. Remark: If right alignment is the ME's default alignment as declared in table A.2/6, no alignment change will take place.]
11	USER → ME	Enter the input "-#" and completion	
12	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.3.2	[Command performed successfully]

[..]

PROACTIVE COMMAND: GET INKEY 9.3.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: UICC
Destination device: ME
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Enter "-#""

Coding:

BER-TLV:	D0	15	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2D3	22	

TERMINAL RESPONSE: GET INKEY 9.3.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: ME
Destination device: UICC
Result
General Result: Command performed successfully
Text String:
Data coding scheme: unpacked, 8 bit data
Text: "-#"

Coding

BER-TLV:	81	03	01	22	00	82	02	82	81	83	01	00
	8D	02	04	2D3								

[..]

27.22.4.2.9.4.4.2 Procedure

Expected Sequence 9.4 (GET INKEY, Text attribute with Large Font Size)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.4.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.4.1	
4	ME → USER	Display "Enter "+""	[Message shall be formatted with large font size]
5	USER → ME	Enter the input "+" and completion	
6	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.4.1	[Command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.4.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.4.2	
10	ME → USER	Display "Enter "-#""	[Message shall be formatted with normal font size]
11	USER → ME	Enter the input "-#" and completion	
12	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.4.2	[Command performed successfully]
13	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.4.1	
14	ME → UICC	FETCH	
15	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.4.1	
16	ME → USER	Display "Enter "+""	[Message shall be formatted with large font size]
17	USER → ME	Enter the input "+" and completion	
18	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.4.1	[Command performed successfully]
19	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.4.3	
20	ME → UICC	FETCH	
21	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.4.3	
22	ME → USER	Display "Enter "-#""	[Message shall be formatted with normal font size]
23	USER → ME	Enter the input "-#" and completion	
24	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.4.2	[Command performed successfully]

[..]

PROACTIVE COMMAND: GET INKEY 9.4.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: UICC
Destination device: ME
Text String

Data coding scheme: unpacked, 8 bit data
Text: "Enter "-#""

Text Attribute

Formatting position: 0
Formatting length: 9
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off

Text colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	1B	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2~~D~~3	22	D0
	04	00	09	00	B4							

TERMINAL RESPONSE: GET INKEY 9.4.2

Logically:

Command details

Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only

Device identities

Source device: ME
Destination device: UICC

Result

General Result: Command performed successfully

Text String:

Data coding scheme: unpacked, 8 bit data
Text: "-#"

Coding:

BER-TLV:	81	03	01	22	00	82	02	82	81	83	01	00
	8D	02	04	2B								

PROACTIVE COMMAND: GET INKEY 9.4.3

Logically:

Command details

Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only

Device identities

Source device: UICC
Destination device: ME

Text String

Data coding scheme: unpacked, 8 bit data
Text: "Enter "-#""

Coding:

BER-TLV:	D0	15	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2~~D~~3	22	

[..]

27.22.4.2.9.5.4.2 Procedure

Expected Sequence 9.5 (GET INKEY, Text attribute with Small Font Size)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.5.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.5.1	
4	ME → USER	Display "Enter "+""	[Message shall be formatted with small font size]
5	USER → ME	Enter the input "+" and completion	
6	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.5.1	[Command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.5.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.5.2	
10	ME → USER	Display "Enter "-#""	[Message shall be formatted with normal font size]
11	USER → ME	Enter the input "-#" and completion	
12	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.5.2	[Command performed successfully]
13	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.5.1	
14	ME → UICC	FETCH	
15	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.5.1	
16	ME → USER	Display "Enter "+""	[Message shall be formatted with small font size]
17	USER → ME	Enter the input "+" and completion	
18	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.5.1	[Command performed successfully]
19	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.5.3	
20	ME → UICC	FETCH	
21	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.5.3	
22	ME → USER	Display "Enter "-#""	[Message shall be formatted with normal font size]
23	USER → ME	Enter the input "-#" and completion	
24	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.5.2	[Command performed successfully]

[..]

PROACTIVE COMMAND: GET INKEY 9.5.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: UICC
Destination device: ME
Text String

Data coding scheme: unpacked, 8 bit data
Text: "Enter "-#""

Text Attribute

Formatting position: 0
Formatting length: 9
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off

Text colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	1B	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2~~D~~3	22	D0
	04	00	09	00	B4							

TERMINAL RESPONSE: GET INKEY 9.5.2

Logically:

Command details

Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only

Device identities

Source device: ME
Destination device: UICC

Result

General Result: Command performed successfully

Text String:

Data coding scheme: unpacked, 8 bit data
Text: "-#"

Coding:

BER-TLV:	81	03	01	22	00	82	02	82	81	83	01	00
	8D	02	04	2~~D~~3								

PROACTIVE COMMAND: GET INKEY 9.5.3

Logically:

Command details

Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only

Device identities

Source device: UICC
Destination device: ME

Text String

Data coding scheme: unpacked, 8 bit data
Text: "Enter "-#""

Coding:

BER-TLV:	D0	15	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2~~D~~3	22	

[..]

27.22.4.2.9.6.4.2 Procedure

Expected Sequence 9.6 (GET INKEY, Text attribute with Bold On)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.6.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.6.1	
4	ME → USER	Display "Enter "+""	[Message shall be formatted with bold on]
5	USER → ME	Enter the input "+" and completion	
6	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.6.1	[Command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.6.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.6.2	
10	ME → USER	Display "Enter "-#""	[Message shall be formatted with bold off]
11	USER → ME	Enter the input "-#" and completion	
12	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.6.2	[Command performed successfully]
13	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.6.1	
14	ME → UICC	FETCH	
15	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.6.1	
16	ME → USER	Display "Enter "+""	[Message shall be formatted with bold on]
17	USER → ME	Enter the input "+" and completion	
18	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.6.1	[Command performed successfully]
19	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.6.3	
20	ME → UICC	FETCH	
21	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.6.3	
22	ME → USER	Display "Enter "-#""	[Message shall be formatted with bold off]
23	USER → ME	Enter the input "-#" and completion	
24	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.6.2	[Command performed successfully]

[..]

PROACTIVE COMMAND: GET INKEY 9.6.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: UICC
Destination device: ME
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Enter "-#""
Text Attribute

Formatting position: 0
Formatting length: 9
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Text colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	1B	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2~~D~~3	22	D0
	04	00	09	00	B4							

TERMINAL RESPONSE: GET INKEY 9.6.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: ME
Destination device: UICC
Result
General Result: Command performed successfully
Text String:
Data coding scheme: unpacked, 8 bit data
Text: "~~-~~#"

Coding:

BER-TLV:	81	03	01	22	00	82	02	82	81	83	01	00
	8D	02	04	2~~D~~3								

PROACTIVE COMMAND: GET INKEY 9.6.3

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: UICC
Destination device: ME
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Enter "~~-~~#""

Coding:

BER-TLV:	D0	15	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2~~D~~3	22	~~D0~~

[..]

27.22.4.2.9.7.4.2 Procedure

Expected Sequence 9.7 (GET INKEY, Text attribute with Italic On)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.7.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.7.1	
4	ME → USER	Display "Enter "+""	[Message shall be formatted with italic on]
5	USER → ME	Enter the input "+" and completion	
6	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.7.1	[Command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.7.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.7.2	
10	ME → USER	Display "Enter "-#""	[Message shall be formatted with italic off]
11	USER → ME	Enter the input "-#" and completion	
12	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.7.2	[Command performed successfully]
13	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.7.1	
14	ME → UICC	FETCH	
15	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.7.1	
16	ME → USER	Display "Enter "+""	[Message shall be formatted with italic on]
17	USER → ME	Enter the input "+" and completion	
18	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.7.1	[Command performed successfully]
19	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.7.3	
20	ME → UICC	FETCH	
21	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.7.3	
22	ME → USER	Display "Enter "-#""	[Message shall be formatted with italic off]
23	USER → ME	Enter the input "-#" and completion	
24	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.7.2	[Command performed successfully]

[..]

PROACTIVE COMMAND: GET INKEY 9.7.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: UICC
Destination device: ME
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Enter "-#""
Text Attribute

Formatting position: 0
Formatting length: 9
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Text colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	1B	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2~~D~~3	22	D0
	04	00	09	00	B4							

TERMINAL RESPONSE: GET INKEY 9.7.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: ME
Destination device: UICC
Result
General Result: Command performed successfully
Text String:
Data coding scheme: unpacked, 8 bit data
Text: "~~-~~#"

Coding:

BER-TLV:	81	03	01	22	00	82	02	82	81	83	01	00
	8D	02	04	2~~D~~3								

PROACTIVE COMMAND: GET INKEY 9.7.3

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: UICC
Destination device: ME
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Enter "~~-~~#""

Coding:

BER-TLV:	D0	15	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2~~D~~3	22	

[..]

27.22.4.2.9.8.4.2 Procedure

Expected Sequence 9.8 (GET INKEY, Text attribute with Underline On)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.8.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.8.1	
4	ME → USER	Display "Enter "+""	[Message shall be formatted with underline on]
5	USER → ME	Enter the input "+" and completion	
6	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.8.1	[Command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.8.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.8.2	
10	ME → USER	Display "Enter "-#""	[Message shall be formatted with underline off]
11	USER → ME	Enter the input "-#" and completion	
12	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.8.2	[Command performed successfully]
13	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.8.1	
14	ME → UICC	FETCH	
15	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.8.1	
16	ME → USER	Display "Enter "+""	[Message shall be formatted with underline on]
17	USER → ME	Enter the input "+" and completion	
18	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.8.1	[Command performed successfully]
19	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.8.3	
20	ME → UICC	FETCH	
21	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.8.3	
22	ME → USER	Display "Enter "-#""	[Message shall be formatted with underline off]
23	USER → ME	Enter the input "-#" and completion	
24	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.8.2	[Command performed successfully]

[..]

PROACTIVE COMMAND: GET INKEY 9.8.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: UICC
Destination device: ME
Text String

Data coding scheme: unpacked, 8 bit data
Text: "Enter "~~-~~#""

Text Attribute

Formatting position: 0
Formatting length: 9
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off

Text colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	1B	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2~~D~~3	22	D0
	04	00	09	00	B4							

TERMINAL RESPONSE: GET INKEY 9.8.2

Logically:

Command details

Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only

Device identities

Source device: ME
Destination device: UICC

Result

General Result: Command performed successfully

Text String:

Data coding scheme: unpacked, 8 bit data
Text: "#~~-~~"

Coding:

BER-TLV:	81	03	01	22	00	82	02	82	81	83	01	00
	8D	02	04	23~~D~~								

PROACTIVE COMMAND: GET INKEY 9.8.3

Logically:

Command details

Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only

Device identities

Source device: UICC
Destination device: ME

Text String

Data coding scheme: unpacked, 8 bit data
Text: "Enter "#~~-~~""

Coding:

BER-TLV:	D0	15	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	23~~D~~	22	

[..]

27.22.4.2.9.9.4.2 Procedure

Expected Sequence 9.9 (GET INKEY, Text attribute with Strikethrough On)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.9.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.9.1	
4	ME → USER	Display "Enter "+""	[Message shall be formatted with strikethrough on]
5	USER → ME	Enter the input "+" and completion	
6	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.9.1	[Command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.9.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.9.2	
10	ME → USER	Display "Enter "-#""	[Message shall be formatted with strikethrough off]
11	USER → ME	Enter the input "-#" and completion	
12	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.9.2	[Command performed successfully]
13	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.9.1	
14	ME → UICC	FETCH	
15	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.9.1	
16	ME → USER	Display "Enter "+""	[Message shall be formatted with strikethrough on]
17	USER → ME	Enter the input "+" and completion	
18	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.9.1	[Command performed successfully]
19	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.9.3	
20	ME → UICC	FETCH	
21	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.9.3	
22	ME → USER	Display "Enter "-#""	[Message shall be formatted with strikethrough off]
23	USER → ME	Enter the input "-#" and completion	
24	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.9.2	[Command performed successfully]

[..]

PROACTIVE COMMAND: GET INKEY 9.9.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: UICC
Destination device: ME
Text String

Data coding scheme: unpacked, 8 bit data
Text: "Enter "-#""

Text Attribute

Formatting position: 0
Formatting length: 9
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off

Text colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	1B	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2D3	22	D0
	04	00	09	00	B4							

TERMINAL RESPONSE: GET INKEY 9.9.2

Logically:

Command details

Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only

Device identities

Source device: ME
Destination device: UICC

Result

General Result: Command performed successfully

Text String:

Data coding scheme: unpacked, 8 bit data
Text: "-#"

Coding:

BER-TLV:	81	03	01	22	00	82	02	82	81	83	01	00
	8D	02	04	23D								

PROACTIVE COMMAND: GET INKEY 9.9.2

Logically:

Command details

Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only

Device identities

Source device: UICC
Destination device: ME

Text String

Data coding scheme: unpacked, 8 bit data
Text: "Enter "-#""

Coding:

BER-TLV:	D0	15	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	23D	22	

PROACTIVE COMMAND: GET INKEY 9.9.3

Logically:

Command details

Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only

Device identities

Source device: UICC
Destination device: ME

Text String

Data coding scheme: unpacked, 8 bit data
Text: "Enter "~~-~~#""

Coding:

BER-TLV:	D0	15	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2~~D~~3	22	

[..]

27.22.4.2.9.10.4.2 Procedure

Expected Sequence 9.10 (GET INKEY, Text attribute with Foreground and Background Colour)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.10.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.10.1	
4	ME → USER	Display "Enter "+""	[Message shall be formatted with foreground and background colour according to text attribute configuration]
5	USER → ME	Enter the input "+" and completion	
6	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.10.1	[Command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: GET INKEY 9.10.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: GET INKEY 9.10.2	
10	ME → USER	Display "Enter "~~-~~#""	[Message shall be formatted with ME's default foreground and background colour]
11	USER → ME	Enter the input "~~-~~#" and completion	
12	ME → UICC	TERMINAL RESPONSE: GET INKEY 9.10.2	[Command performed successfully]

[..]

PROACTIVE COMMAND: GET INKEY 9.10.2

Logically:

Command details

Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only

Device identities

Source device: UICC
Destination device: ME

Text String

Data coding scheme: unpacked, 8 bit data
Text: "Enter "#~~-~~""

Coding:

BER-TLV:	D0	15	81	03	01	22	00	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	22	2~~D~~3	22	

TERMINAL RESPONSE: GET INKEY 9.10.2

Logically:

Command details
Command number: 1
Command type: GET INKEY
Command qualifier: digits (0-9, *, # and +) only
Device identities
Source device: ME
Destination device: UICC
Result
General Result: Command performed successfully
Text String:
Data coding scheme: unpacked, 8 bit data
Text: "~~-~~#"

Coding:

BER-TLV:	81	03	01	22	00	82	02	82	81	83	01	00
	8D	02	04	2~~D~~3								

[..]

27.22.4.3.1.4.2 Procedure

[..]

Expected Sequence 1.5 (GET INPUT, digits only, SMS default alphabet, ME to echo text, ME supporting 8 bit data Message)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INPUT 1.5.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INPUT 1.5.1	[digits only, SMS default alphabet, ME to echo text, packing not required, no help information available]
4	ME → USER	Display "Enter 1..9,0..9,0(1)"	Range of expected length is 1-20. Text string coding in unpacked format
5	USER → ME	Completion without input	
6	ME → USER	The ME MMI takes action to manage the entry of correct numbers of characters.	
7	USER → ME	Enter "12345678901234567890" and completion	
8~~6~~	ME → UICC	TERMINAL RESPONSE: GET INPUT 1.5.1	[command performed successfully]

[..]

27.22.4.3.8.5.4.2 Procedure

Expected Sequence 8.5 (GET INPUT, Text attribute – Small Font Size)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INPUT 8.5.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INPUT 8.5.1	[digits only, SMS default alphabet, ME to echo text, packing not required, text attribute]
4	ME → USER	Display "Enter 12345"	[Range of expected length is 5-5, Text string coding in unpacked format, Message shall be formatted with small font size]
5	USER → ME	Enter the input "12345" and completion	
6	ME → UICC	TERMINAL RESPONSE: GET INPUT 8.5.1	[command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: GET INPUT 8.5.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: GET INPUT 8.5.2	[digits only, SMS default alphabet, ME to echo text, packing not required, text attribute]
10	ME → USER	Display "Enter 22222"	[Message shall be formatted with normal font size]
11	USER → ME	Enter the input "22222" and completion	
12	ME → UICC	TERMINAL RESPONSE: GET INPUT 8.5.2	[command performed successfully]
13	UICC → ME	PROACTIVE COMMAND PENDING: GET INPUT 8.5.1	
14	ME → UICC	FETCH	
15	UICC → ME	PROACTIVE COMMAND: GET INPUT 8.5.1	[digits only, SMS default alphabet, ME to echo text, packing not required, text attribute]
16	ME → USER	Display "Enter 12345"	[Range of expected length is 5-5, Text string coding in unpacked format, Message shall be formatted with small font size]
17	USER → ME	Enter the input "12345" and completion	
18	ME → UICC	TERMINAL RESPONSE: GET INPUT 8.5.1	[command performed successfully]
19	UICC → ME	PROACTIVE COMMAND PENDING: GET INPUT 8.5.3	
20	ME → UICC	FETCH	
21	UICC → ME	PROACTIVE COMMAND: GET INPUT 8.5.3	[digits only, SMS default alphabet, ME to echo text, packing not required, no text attribute]
22	ME → USER	Display "Enter 33333"	[Message shall be formatted with normal font size]
23	USER → ME	Enter the input "33333" and completion	
24	ME → UICC	TERMINAL RESPONSE: GET INPUT 8.5.3	[command performed successfully]

[..]

PROACTIVE COMMAND: GET INPUT 8.5.2

Logically:

Command details
Command number: 1
Command type: GET INPUT

Command qualifier: digits (0-9, *, # and +) only, SMS default alphabet, input in unpacked format, ME to echo text
Device identities
Source device: UICC
Destination device: ME
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Enter 22222"
Response length
Minimum length: 5
Maximum length: 5
Text Attribute
Formatting position: 0
Formatting length: 11
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	21	81	03	01	23	00	82	02	81	82	8D
	0C	04	45	6E	74	65	72	20	32	32	32	32
	32	91	02	05	05	D0	04	00	0B	00	B4	

TERMINAL RESPONSE: GET INPUT 8.5.2

Logically:

Command details
Command number: 1
Command type: GET INPUT
Command qualifier: digits (0-9, *, # and +) only, SMS default alphabet, input in unpacked format, ME to echo text
Device identities
Source device: ME
Destination device: UICC
Result
General Result: Command performed successfully
Text string
Data coding scheme: unpacked, 8 bit data
Text: "22222"

Coding:

BER-TLV:	81	03	01	23	00	82	02	82	81	83	01	00
	8D	06	04	32	32	32	32	32				

PROACTIVE COMMAND: GET INPUT 8.5.32

Logically:

Command details
Command number: 1
Command type: GET INPUT
Command qualifier: digits (0-9, *, # and +) only, SMS default alphabet, input in unpacked format, ME to echo text
Device identities
Source device: UICC
Destination device: ME
Text String
Data coding scheme: unpacked, 8 bit data
Text: "Enter 3333322222"
Response length

Minimum length: 5
Maximum length: 5

Coding:

BER-TLV:	D0	1B	81	03	01	23	00	82	02	81	82	8D
	0C	04	45	6E	74	65	72	20	323	323	323	323
	323	91	02	05	05							

TERMINAL RESPONSE: GET INPUT 8.5.3

Logically:

Command details
- Command number: 1
- Command type: GET INPUT
- Command qualifier: digits (0-9, *, # and +) only, SMS default alphabet, input in unpacked format, ME to echo text

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

Result
- General Result: Command performed successfully

Text string
- Data coding scheme: unpacked, 8 bit data
- Text: "33333"

Coding:

BER-TLV:	81	03	01	23	00	82	02	82	81	83	01	00
	8D	06	04	33	33	33	33	33				

27.22.4.3.8.8.4.2 Procedure

Expected Sequence 8.8 (GET INPUT, Text attribute – Underline On)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: GET INPUT 8.8.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: GET INPUT 8.8.1	[digits only, SMS default alphabet, ME to echo text, packing not required, text attribute]
4	ME → USER	Display "Enter 12345"	[Range of expected length is 5-5, Text string coding in unpacked format, Message shall be formatted with underline~~d~~ on~~e~~]
5	USER → ME	Enter the input "12345" and completion	
6	ME → UICC	TERMINAL RESPONSE: GET INPUT 8.8.1	[command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: GET INPUT 8.8.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: GET INPUT 8.8.2	[digits only, SMS default alphabet, ME to echo text, packing not required, text attribute]
10	ME → USER	Display "Enter 22222"	[Message shall be formatted with underline~~d~~ off]
11	USER → ME	Enter the input "22222" and completion	
12	ME → UICC	TERMINAL RESPONSE: GET INPUT 8.8.2	[command performed successfully]
13	UICC → ME	PROACTIVE COMMAND PENDING: GET INPUT 8.8.1	
14	ME → UICC	FETCH	
15	UICC → ME	PROACTIVE COMMAND: GET INPUT 8.8.1	[digits only, SMS default alphabet, ME to echo text, packing not required, text attribute]
16	ME → USER	Display "Enter 12345"	[Range of expected length is 5-5, Text string coding in unpacked format, Message shall be formatted with underline~~d~~ on~~e~~]
17	USER → ME	Enter the input "12345" and completion	
18	ME → UICC	TERMINAL RESPONSE: GET INPUT 8.8.1	[command performed successfully]
19	UICC → ME	PROACTIVE COMMAND PENDING: GET INPUT 8.8.3	
20	ME → UICC	FETCH	
21	UICC → ME	PROACTIVE COMMAND: GET INPUT 8.8.3	[digits only, SMS default alphabet, ME to echo text, packing not required, no text attribute]
22	ME → USER	Display "Enter 33333"	[Message shall be formatted with underline~~d~~ off]
23	USER → ME	Enter the input "33333" and completion	
24	ME → UICC	TERMINAL RESPONSE: GET INPUT 8.8.3	[command performed successfully]

[..]

27.22.4.8.6.8.4.2 Procedure

Expected Sequence 6.8 (SET UP MENU, Text Attribute – Underline On, successful)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: SET UP MENU 6.8.1	

2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND SET UP MENU 6.8.1	
4	ME → USER	Integrate the menu header of "Toolkit Menu 1" into its menu system and have the menu items of "Item 1", "Item 2", "Item 3" under this header.	
5	ME → UICC	TERMINAL RESPONSE: SET UP MENU 6.8.1	[Command Performed Successfully]
6	UICC → ME	PROACTIVE UICC SESSION ENDED	
7	USER → ME	Select the Toolkit Menu "Toolkit Menu 1"	Verify that the alpha id is displayed with underlined on.
8	ME → USER	Display "Item 1", "Item 2", "Item 3".	Verify that each item is displayed with underlined on.
9	USER → ME	Navigate in the items, then select "Item 2".	
10	ME → UICC	Send the ENVELOPE 6.1.1: MENU SELECTION (Identifier of item: 2)	
11	UICC → ME	PROACTIVE COMMAND PENDING: SET UP MENU 6.4.2	
12	ME → UICC	FETCH	
13	UICC → ME	PROACTIVE COMMAND SET UP MENU 6.4.2	
14	ME → USER	Integrate the menu header of "Toolkit Menu 2" into its menu system and have the menu items of "Item 4", "Item 5", "Item 6" under this header.	
15	ME → UICC	TERMINAL RESPONSE: SET UP MENU 6.8.1	[Command Performed Successfully]
16	UICC → ME	PROACTIVE UICC SESSION ENDED	
17	USER → ME	Select the Toolkit Menu "Toolkit Menu 2"	Verify that the alpha id is displayed with underlined off.
18	ME → USER	Display "Item 4", "Item 5", "Item 6".	Verify that each item is displayed with underlined off.
19	USER → ME	Navigate in the items, then select "Item 5".	
20	ME → UICC	Send the ENVELOPE 6.1.2: MENU SELECTION (Identifier of item: 5)	
21	UICC → ME	PROACTIVE COMMAND PENDING: SET UP MENU 6.8.1	
22	ME → UICC	FETCH	
23	UICC → ME	PROACTIVE COMMAND SET UP MENU 6.8.1	
24	ME → USER	Integrate the menu header of "Toolkit Menu 1" into its menu system and have the menu items of "Item 1", "Item 2", "Item 3" under this header.	
25	ME → UICC	TERMINAL RESPONSE: SET UP MENU 6.8.1	[Command Performed Successfully]
26	UICC → ME	PROACTIVE UICC SESSION ENDED	
27	USER → ME	Select the Toolkit Menu "Toolkit Menu 1"	Verify that the alpha id is displayed with underlined on.
28	ME → USER	Display "Item 1", "Item 2", "Item 3".	Verify that each item is displayed with underlined on.
29	USER → ME	Navigate in the items, then select "Item 2".	

30	ME → UICC	Send the ENVELOPE 6.1.1: MENU SELECTION (Identifier of item: 2)	
31	UICC → ME	PROACTIVE COMMAND PENDING: SET UP MENU 6.4.3	
32	ME → UICC	FETCH	
33	UICC → ME	PROACTIVE COMMAND SET UP MENU 6.4.3	
34	ME → USER	Integrate the menu header of "Toolkit Menu 3" into its menu system and have the menu items of "Item 7", "Item 8", "Item 9" under this header.	
35	ME → UICC	TERMINAL RESPONSE: SET UP MENU 6.8.1	[Command Performed Successfully]
36	UICC → ME	PROACTIVE UICC SESSION ENDED	
37	USER → ME	Select the Toolkit Menu "Toolkit Menu 3"	Verify that the alpha id is displayed with underline~~d~~ off.
38	ME → USER	Display "Item 7", "Item 8", "Item 9".	Verify that each item is displayed with underline~~d~~ off.
39	USER → ME	Navigate in the items, then select "Item 8".	
40	ME → UICC	Send the ENVELOPE 6.4.1: MENU SELECTION (Identifier of item: 8)	

27.22.4.5.4.5.4.2 Procedure

Expected Sequence 4.5 (PLAY TONE, Text Attribute – Small Font Size)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: PLAY TONE 4.5.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: PLAY TONE 4.5.1	
4	ME → USER	Display "Text Attribute 1" Play a ME proprietary positive acknowledgement tone	[Message shall be formatted with small font size]
5	ME → UICC	TERMINAL RESPONSE: PLAY TONE 4.5.1	[Command performed successfully]
6	UICC → ME	PROACTIVE UICC SESSION ENDED	
7	UICC → ME	PROACTIVE COMMAND PENDING: PLAY TONE 4.5.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: PLAY TONE 4.5.2	
10	ME → USER	Display “Text Attribute 2“ Play a ME proprietary positive acknowledgement tone	[Message shall be formatted with normal font size]
11	ME → UICC	TERMINAL RESPONSE: PLAY TONE 4.5.1	[Command performed successfully]
12	UICC → ME	PROACTIVE UICC SESSION ENDED	
1	UICC → ME	PROACTIVE COMMAND PENDING: PLAY TONE 4.5.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: PLAY TONE 4.5.1	
4	ME → USER	Display "Text Attribute 1" Play a ME proprietary positive acknowledgement tone	[Message shall be formatted with small font size]
5	ME → UICC	TERMINAL RESPONSE: PLAY TONE 4.5.1	[Command performed successfully]
6	UICC → ME	PROACTIVE UICC SESSION ENDED	
7	UICC → ME	PROACTIVE COMMAND PENDING: PLAY TONE 4.5.3	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: PLAY TONE 4.5.3	
10	ME → USER	Display “Text Attribute 3“ Play a ME proprietary positive acknowledgement tone	[Message shall be formatted with normal font size]
11	ME → UICC	TERMINAL RESPONSE: PLAY TONE 4.5.1	[Command performed successfully]
12	UICC → ME	PROACTIVE UICC SESSION ENDED	

[..]

PROACTIVE COMMAND: PLAY TONE 4.5.3

Logically:

Command details
Command number: 1
Command type: PLAY TONE
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Earpiece
Alpha Identifier "Text Attribute 3"
Tone: ME proprietary tones: positive acknowledgement tone
Duration
Time unit: Seconds
Time interval: 1

Coding:

BER-TLV:	D0	22	81	03	01	20	00	82	02	81	03	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	3~~1~~3	8E	01	11	84	02	01	01

[..]

27.22.4.5.4.6.4.2 Procedure

Expected Sequence 4.6 (PLAY TONE, Text Attribute – Bold On)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: PLAY TONE 4.6.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: PLAY TONE 4.6.1	
4	ME → USER	Display “Text Attribute 1“ Play a ME proprietary positive acknowledgement tone	[Message shall be formatted with bold on]
5	ME → UICC	TERMINAL RESPONSE: PLAY TONE 4.6.1	[Command performed successfully]
6	UICC → ME	PROACTIVE UICC SESSION ENDED	
7	UICC → ME	PROACTIVE COMMAND PENDING: PLAY TONE 4.6.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: PLAY TONE 4.6.2	
10	ME → USER	Display “Text Attribute 2“ Play a ME proprietary positive acknowledgement tone	[Message shall be formatted with bold off]
11	ME → UICC	TERMINAL RESPONSE: PLAY TONE 4.6.1	[Command performed successfully]
12	UICC → ME	PROACTIVE UICC SESSION ENDED	
13	UICC → ME	PROACTIVE COMMAND PENDING: PLAY TONE 4.6.1	
14	ME → UICC	FETCH	
15	UICC → ME	PROACTIVE COMMAND: PLAY TONE 4.6.1	
16	ME → USER	Display “Text Attribute 1“ Play a ME proprietary positive acknowledgement tone	[Message shall be formatted with bold on]
17	ME → UICC	TERMINAL RESPONSE: PLAY TONE 4.6.1	[Command performed successfully]
18	UICC → ME	PROACTIVE UICC SESSION ENDED	
19	UICC → ME	PROACTIVE COMMAND PENDING: PLAY TONE 4.6.3	
20	ME → UICC	FETCH	
21	UICC → ME	PROACTIVE COMMAND: PLAY TONE 4.6.3	
22	ME → USER	Display “Text Attribute 3“ Play a ME proprietary positive acknowledgement tone	[Message shall be formatted with bold off]
23	ME → UICC	TERMINAL RESPONSE: PLAY TONE 4.6.1	[Command performed successfully]
24	UICC → ME	PROACTIVE UICC SESSION ENDED	

[..]

PROACTIVE COMMAND: PLAY TONE 4.6.2

Logically:

Command details
Command number: 1
Command type: PLAY TONE
Command qualifier: "00"

Device identities
Source device: UICC
Destination device: Earpiece
Alpha Identifier "Text Attribute 2"
Tone: ME proprietary tones: positive acknowledgement tone
Duration
Time unit: Seconds
Time interval: 1
Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	28	81	03	01	20	00	82	02	81	03	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	32	8E	01	11	84	02	01	01
	D0	04	00	10	00	B4						

PROACTIVE COMMAND: PLAY TONE 4.6.~~2~~3

Logically:

Command details
Command number: 1
Command type: PLAY TONE
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Earpiece
Alpha Identifier "Text Attribute 3"
Tone: ME proprietary tones: positive acknowledgement tone
Duration
Time unit: Seconds
Time interval: 1

Coding:

BER-TLV:	D0	2~~8~~2	81	03	01	20	00	82	02	81	03	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	33	8E	01	11	84	02	01	01

[..]

Expected Sequence 4.7 (PLAY TONE, Text Attribute – Italic On)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: PLAY TONE 4.7.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: PLAY TONE 4.7.1	
4	ME → USER	Display “Text Attribute 1“ Play a ME proprietary positive acknowledgement tone	[Message shall be formatted with italic on]
5	ME → UICC	TERMINAL RESPONSE: PLAY TONE 4.7.1	[Command performed successfully]
6	UICC → ME	PROACTIVE UICC SESSION ENDED	
7	UICC → ME	PROACTIVE COMMAND PENDING: PLAY TONE 4.7.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: PLAY TONE 4.7.2	
10	ME → USER	Display “Text Attribute 2“ Play a ME proprietary positive acknowledgement tone	[Message shall be formatted with italic off]
11	ME → UICC	TERMINAL RESPONSE: PLAY TONE 4.7.1	[Command performed successfully]
12	UICC → ME	PROACTIVE UICC SESSION ENDED	
13	UICC → ME	PROACTIVE COMMAND PENDING: PLAY TONE 4.7.1	
14	ME → UICC	FETCH	
15	UICC → ME	PROACTIVE COMMAND: PLAY TONE 4.7.1	
16	ME → USER	Display “Text Attribute 1“ Play a ME proprietary positive acknowledgement tone	[Message shall be formatted with italic on]
17	ME → UICC	TERMINAL RESPONSE: PLAY TONE 4.7.1	[Command performed successfully]
18	UICC → ME	PROACTIVE UICC SESSION ENDED	
19	UICC → ME	PROACTIVE COMMAND PENDING: PLAY TONE 4.7.3	
20	ME → UICC	FETCH	
21	UICC → ME	PROACTIVE COMMAND: PLAY TONE 4.7.3	
22	ME → USER	Display “Text Attribute 3“ Play a ME proprietary positive acknowledgement tone	[Message shall be formatted with italic off]
23	ME → UICC	TERMINAL RESPONSE: PLAY TONE 4.7.1	[Command performed successfully]
24	UICC → ME	PROACTIVE UICC SESSION ENDED	

[..]

PROACTIVE COMMAND: PLAY TONE 4.7.3

Logically:

Command details
- Command number: 1
- Command type: PLAY TONE
- Command qualifier: "00"

Device identities
- Source device: UICC
- Destination device: Earpiece

Alpha Identifier "Text Attribute 3"
Tone: ME proprietary tones: positive acknowledgement tone
Duration
Time unit: Seconds
Time interval: 1

Coding:

BER-TLV:	D0	22	81	03	01	20	00	82	02	81	03	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	343	8E	01	11	84	02	01	01

27.22.4.9.9.1.4.2 Procedure

Expected Sequence 9.1 (SELECT ITEM, Text Attribute – Left Alignment)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: SELECT ITEM 9.1.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SELECT ITEM 9.1.1	
4	ME → USER	Display items of "Item 1", "Item 2" under the header of "Toolkit Select 1".	Verify the text attribute of the alpha id and each item are displayed with left alignment.
5	USER → ME	Navigate in the items, then select "Item 1".	
6	ME → UICC	TERMINAL RESPONSE: SELECT ITEM 9.1.1	[command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: SELECT ITEM 9.1.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: SELECT ITEM 9.1.2	
10	ME → USER	Display items of "Item 3", "Item 4" under the header of "Toolkit Select 2".	Verify the text attribute of the alpha id and each item are displayed without left alignment. Remark: If left alignment is the ME's default alignment as declared in table A.2/10, no alignment change will take place.
11	USER → ME	Navigate in the items, then select "Item 3".	
12	ME → UICC	TERMINAL RESPONSE: SELECT ITEM 9.1.1	[command performed successfully]

PROACTIVE COMMAND: SELECT ITEM 9.1.1

Logically:

Command details
Command number: 1
Command type: SELECT ITEM
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: ME
Alpha identifier: "Toolkit Select 1"
Item
Identifier of item: 01
Text string of item: "Item 1"
Item
Identifier of item: 02
Text string of item: "Item 2"
Text Attribute

Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Item Text Attribute List
Text Attribute List:
Item #1
Formatting position: 0
Formatting length: 6
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background
Item #2
Formatting position: 0
Formatting length: 6
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	3D	81	03	01	24	00	82	02	81	82	85
	10	54	6F	6F	6C	6B	69	74	20	53	65	6C
	65	63	74	20	3~~2~~1	8F	07	01	49	74	65	6D
	20	3~~3~~1	8F	07	02	49	74	65	6D	20	3~~4~~2	D0
	04	00	10	00	B4	D1	08	00	06	00	B4	00
	06	00	B4									

[..]

27.22.4.9.9.2.4.2 Procedure

Expected Sequence 9.2 (SELECT ITEM, Text Attribute – Center Alignment)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: SELECT ITEM 9.2.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SELECT ITEM 9.2.1	
4	ME → USER	Display items of "Item 1", "Item 2" under the header of "Toolkit Select 1".	Verify the text attribute of the alpha id and each item are displayed with center alignment.
5	USER → ME	Navigate in the items, then select "Item 1".	
6	ME → UICC	TERMINAL RESPONSE: SELECT ITEM 9.2.1	[command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: SELECT ITEM 9.2.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: SELECT ITEM 9.2.2	
10	ME → USER	Display items of "Item 3", "Item 4" under the header of "Toolkit Select 2".	Verify the text attribute of the alpha id and each item are displayed without center alignment. Remark: If center alignment is the ME's default alignment as declared in table A.2/10, no alignment change will take place.
11	USER → ME	Navigate in the items, then select "Item 3".	
12	ME → UICC	TERMINAL RESPONSE: SELECT ITEM 9.2.1	[command performed successfully]

PROACTIVE COMMAND: SELECT ITEM 9.2.1

Logically:

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

Device identities
- Source device: UICC
- Destination device: ME
- Alpha identifier: "Toolkit Select 1"

Item
- Identifier of item: 01
- Text string of item: "Item 1"

Item
- Identifier of item: 02
- Text string of item: "Item 2"

Text Attribute
- Formatting position: 0
- Formatting length: 16
- Formatting mode: Center Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
- Colour: Dark Green Foreground, Bright Yellow Background

Item Text Attribute List
- Text Attribute List:
- Item #1
- Formatting position: 0
- Formatting length: 6
- Formatting mode: Center Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
- Colour: Dark Green Foreground, Bright Yellow Background
- Item #2
- Formatting position: 0
- Formatting length: 6
- Formatting mode: Center Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
- Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	3D	81	03	01	24	00	82	02	81	82	85
	10	54	6F	6F	6C	6B	69	74	20	53	65	6C
	65	63	74	20	3~~2~~1	8F	07	01	49	74	65	6D
	20	3~~3~~1	8F	07	02	49	74	65	6D	20	3~~4~~2	D0
	04	00	10	01	B4	D1	08	00	06	01	B4	00
	06	01	B4									

[..]

27.22.4.9.9.3.4.2 Procedure

Expected Sequence 9.3 (SELECT ITEM, Text Attribute – Right Alignment)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: SELECT ITEM 9.3.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SELECT ITEM 9.3.1	
4	ME → USER	Display items of "Item 1", "Item 2" under the header of "Toolkit Select 1".	Verify the text attribute of the alpha id and each item are displayed with right alignment.
5	USER → ME	Navigate in the items, then select "Item 1".	
6	ME → UICC	TERMINAL RESPONSE: SELECT ITEM 9.3.1	[command performed successfully]
7	UICC → ME	PROACTIVE COMMAND PENDING: SELECT ITEM 9.3.2	
8	ME → UICC	FETCH	
9	UICC → ME	PROACTIVE COMMAND: SELECT ITEM 9.3.2	
10	ME → USER	Display items of "Item 3", "Item 4" under the header of "Toolkit Select 2".	Verify the text attribute of the alpha id and each item are displayed without right alignment. Remark: If right alignment is the ME's default alignment as declared in table A.2/10, no alignment change will take place.
11	USER → ME	Navigate in the items, then select "Item 3".	
12	ME → UICC	TERMINAL RESPONSE: SELECT ITEM 9.3.1	[command performed successfully]

PROACTIVE COMMAND: SELECT ITEM 9.3.1

Logically:

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

Device identities
- Source device: UICC
- Destination device: ME
- Alpha identifier: "Toolkit Select 1"

Item
- Identifier of item: 01
- Text string of item: "Item 1"

Item
- Identifier of item: 02
- Text string of item: "Item 2"

Text Attribute
- Formatting position: 0
- Formatting length: 16
- Formatting mode: Right Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
- Colour: Dark Green Foreground, Bright Yellow Background

Item Text Attribute List
- Text Attribute List: Item #1
- Formatting position: 0
- Formatting length: 6
- Formatting mode: Right Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off

Colour: Dark Green Foreground, Bright Yellow Background
Item #2
Formatting position: 0
Formatting length: 6
Formatting mode: Right Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	3D	81	03	01	24	00	82	02	81	82	85
	10	54	6F	6F	6C	6B	69	74	20	53	65	6C
	65	63	74	20	32~~2~~1	8F	07	01	49	74	65	6D
	20	3~~3~~1	8F	07	02	49	74	65	6D	20	3~~4~~2	D0
	04	00	10	02	B4	D1	08	00	06	02	B4	00
	06	02	B4									

[..]

27.22.4.11.1.4.2 Procedure

Expected Sequence 1.1 (SEND SS, call forward unconditional, all bearers, successful)

[..]

PROACTIVE COMMAND: SEND SS 1.1.1

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Call Forward"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*~~+~~01234567890123456789#"

Coding:

BER-TLV:	D0	27	81	03	01	11	00	82	02	81	83	85
	0C	43	61	6C	6C	20	46	6F	72	77	61	72
	64	89	0E	91	AA	12	0A	21	43	65	87	09
	21	43	65	87	B9							

[..]

Expected Sequence 1.4 (SEND SS, call forward unconditional, all bearers, successful, SS request size limit)

[..]

PROACTIVE COMMAND: SEND SS 1.4.1

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Call Forward"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*~~+~~012345678901234567890123456789012345678901234567*11#"

Coding:

BER-TLV:	D0	32	81	03	01	11	00	82	02	81	83	85
	0C	43	61	6C	6C	20	46	6F	72	77	61	72
	64	89	19	91	AA	12	0A	21	43	65	87	09
	21	43	65	87	09	21	43	65	87	09	21	43
	65	A7	11	FB								

[..]

Expected Sequence 1.6 (SEND SS, call forward unconditional, all bearers, successful, null data alpha identifier)

[..]

PROACTIVE COMMAND: SEND SS 1.6.1

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: null data object
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*~~+~~0123456789012345678 9#"

Coding:

BER-TLV:	D0	1B	81	03	01	11	00	82	02	81	83	85
	00	89	0E	91	AA	12	0A	21	43	65	87	09
	21	43	65	87	B9							

[..]

27.22.4.11.2.4.2 Procedure

Expected Sequence 2.1A (SEND SS, call forward unconditional, all bearers, successful, basic icon self explanatory, successful)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: SEND SS 2.1.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SEND SS 2.1.1	[BASIC-ICON, self-explanatory]
4	ME → USER	Display the basic icon without the alpha identifier	
5	ME → USS	REGISTER 1.1	
6	USS → ME	RELEASE COMPLETE (SS RETURN RESULT) 1.1	[Successful]
7	ME → UICC	TERMINAL RESPONSE: SEND SS 2.1.1A	[Command performed successfully]

PROACTIVE COMMAND: SEND SS 2.1.1

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network
- Alpha identifier: "Basic Icon"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"
- SS string: "**21*~~+~~0123456789012345678 9#"

Icon Identifier:
- Icon qualifier: icon is self-explanatory
- Icon Identifier: record 1 in $EF_{(IMG)}$

Coding:

BER-TLV:	D0	29	81	03	01	11	00	82	02	81	83	85
	0A	42	61	73	69	63	20	49	63	6F	6E	89
	0E	91	AA	12	0A	21	43	65	87	09	21	43
	65	87	B9	9E	02	00	01					

[..]

Expected Sequence 2.2A (SEND SS, call forward unconditional, all bearers, successful, colour icon self explanatory, successful)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: SEND SS 2.2.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SEND SS 2.2.1	[COLOUR-ICON, self-explanatory]
4	ME → USER	Display the colour icon without the alpha identifier	
5	ME → USS	REGISTER 1.1	
6	USS → ME	RELEASE COMPLETE (SS RETURN RESULT) 1.1	[Successful]
7	ME → UICC	TERMINAL RESPONSE: SEND SS 2.1.1A	[Command performed successfully]

PROACTIVE COMMAND: SEND SS 2.2.1

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network
- Alpha identifier: "Colour Icon"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"
- SS string: "**21*~~+~~0123456789012345678 9#"

Icon Identifier:
- Icon qualifier: icon is self-explanatory
- Icon Identifier: record 2 in $EF_{(IMG)}$

Coding:

BER-TLV:	D0	2A	81	03	01	11	00	82	02	81	83	85
	0B	43	6F	6C	6F	75	72	20	49	63	6F	6E
	89	0E	91	AA	12	0A	21	43	65	87	09	21
	43	65	87	B9	9E	02	00	02				

[..]

Expected Sequence 2.3A (SEND SS, call forward unconditional, all bearers, successful, basic icon non self-explanatory, successful)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: SEND SS 2.3.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SEND SS 2.3.1	[BASIC-ICON, non self-explanatory]
4	ME → USER	Display "Basic Icon" and the basic icon	
5	ME → USS	REGISTER 1.1	
6	USS → ME	RELEASE COMPLETE (SS RETURN RESULT) 1.1	[Successful]
7	ME → UICC	TERMINAL RESPONSE: SEND SS 2.1.1A	[Command performed successfully]

PROACTIVE COMMAND: SEND SS 2.3.1

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha Identifier
- Text: "Basic Icon"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"
- SS string: "**21*~~+~~0123456789012345678 9#"

Icon Identifier
- Icon qualifier: icon is non self-explanatory
- Icon Identifier: record 1 in $EF_{(IMG)}$

Coding:

BER-TLV:	D0	29	81	03	01	11	00	82	02	81	83	85
	0A	42	61	73	69	63	20	49	63	6F	6E	89
	0E	91	AA	12	0A	21	43	65	87	09	21	43
	65	87	B9	9E	02	01	01					

[..]

Expected Sequence 2.4 (SEND SS, call forward unconditional, all bearers, successful, basic icon non self-explanatory, no alpha identifier presented)

[..]

PROACTIVE COMMAND: SEND SS 2.4.1

Logically:

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

Device identities
Source device: UICC
Destination device: Network
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"
Icon Identifier
Icon qualifier: icon is non self-explanatory
Icon Identifier: record 1 in $EF_{(IMG)}$

Coding:

BER-TLV:	D0	1D	81	03	01	11	00	82	02	81	83	89
	0E	91	AA	12	0A	21	43	65	87	09	21	43
	65	87	B9	9E	02	01	01					

[..]

27.22.4.11.3.4.2 Procedure

Expected Sequence 3.1 (SEND SS, call forward unconditional, all bearers, successful, UCS2 text)

[..]

PROACTIVE COMMAND: SEND SS 3.1.1

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha Identifier
Data coding scheme: UCS2 (16bit)
Text: "ЗДРАВСТВУЙТЕ"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"

Coding:

BER-TLV:	D0	34	81	03	01	11	00	82	02	81	83	85
	19	80	04	17	04	14	04	20	04	10	04	12
	04	21	04	22	04	12	04	23	04	19	04	22
	04	15	89	0E	91	AA	12	0A	21	43	65	87
	09	21	43	65	87	B9						

[..]

27.22.4.11.4.1.4.2 Procedure

Expected Sequence 4.1 (SEND SS, call forward unconditional, all bearers, successful, alpha identifier with Text attribute – Left Alignment)

[..]

PROACTIVE COMMAND: SEND SS 4.1.1

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha identifier: "Text Attribute 1"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"

SS string: "**21*~~+~~0123456789012345678 9#"

Text Attribute
- Formatting position: 0
- Formatting length: 16
- Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
- Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	31	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	00	B4									

PROACTIVE COMMAND: SEND SS 4.1.2

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha identifier: "Text Attribute 2"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"
- SS string: "**21*~~+~~0123456789012345678 9#"

Coding:

BER-TLV:	D0	2B	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	32	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9			

[..]

27.22.4.11.4.2.4.2 Procedure

Expected Sequence 4.2 (SEND SS, call forward unconditional, all bearers, successful, alpha identifier with Text attribute – Center Alignment)

[..]

PROACTIVE COMMAND: SEND SS 4.2.1

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha identifier: "Text Attribute 1"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"
- SS string: "**21*~~+~~0123456789012345678 9#"

Text Attribute
- Formatting position: 0
- Formatting length: 16
- Formatting mode: Center Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
- Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	31	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	01	B4									

PROACTIVE COMMAND: SEND SS 4.2.2

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha identifier: "Text Attribute 2"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"

SS string: "**21*~~+~~01234567890123456789#"

Coding:

BER-TLV:	D0	2B	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	32	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9			

[..]

27.22.4.11.4.3.4.2 Procedure

Expected Sequence 4.3 (SEND SS, call forward unconditional, all bearers, successful, alpha identifier with Text attribute – Right Alignment)

[..]

PROACTIVE COMMAND: SEND SS 4.3.1

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha identifier: "Text Attribute 1"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"
- SS string: "**21*~~+~~01234567890123456789#"

Text Attribute
- Formatting position: 0
- Formatting length: 16
- Formatting mode: Right Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
- Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	31	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	02	B4									

PROACTIVE COMMAND: SEND SS 4.3.2

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha identifier: "Text Attribute 2"

SS String
- TON: International

NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"

Coding:

BER-TLV:	D0	2B	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	32	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9			

[..]

27.22.4.11.4.4.4.2 Procedure

Expected Sequence 4.4 (SEND SS, call forward unconditional, all bearers, successful, alpha identifier with Text attribute – Large Font Size)

[..]

PROACTIVE COMMAND: SEND SS 4.4.1

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 1"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"
Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Large Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	31	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	04	B4									

PROACTIVE COMMAND: SEND SS 4.4.2

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 2"
SS String
TON: International

NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"
Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	32	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	00	B4									

PROACTIVE COMMAND: SEND SS 4.4.3

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 3"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"

Coding:

BER-TLV:	D0	2B	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	33	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9			

[..]

27.22.4.11.4.5.4.2 Procedure

Expected Sequence 4.5 (SEND SS, call forward unconditional, all bearers, successful, alpha identifier with Text attribute – Small Font Size)

[..]

PROACTIVE COMMAND: SEND SS 4.5.1

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 1"
SS String
TON: International

NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"
Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Small Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	31	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	08	B4									

PROACTIVE COMMAND: SEND SS 4.5.2

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 2"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"
Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	32	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	00	B4									

PROACTIVE COMMAND: SEND SS 4.5.3

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 3"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"

Coding:

BER-TLV:	D0	2B	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	33	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9			

[..]

27.22.4.11.4.6.4.2 Procedure

Expected Sequence 4.6 (SEND SS, call forward unconditional, all bearers, successful, alpha identifier with Text attribute – Bold On)

[..]

PROACTIVE COMMAND: SEND SS 4.6.1

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha identifier: "Text Attribute 1"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"
- SS string: "**21*~~+~~0123456789012345678 9#"

Text Attribute
- Formatting position: 0
- Formatting length: 16
- Formatting mode: Left Alignment, Normal Font, Bold On, Italic Off, Underline Off, Strikethrough Off
- Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	31	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	10	B4									

PROACTIVE COMMAND: SEND SS 4.6.2

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha identifier: "Text Attribute 2"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"
- SS string: "**21*~~+~~0123456789012345678 9#"

Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	32	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	00	B4									

PROACTIVE COMMAND: SEND SS 4.6.3

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 3"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*~~+~~0123456789012345678 9#"

Coding:

BER-TLV:	D0	2B	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	33	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9			

[..]

27.22.4.11.4.7.4.2 Procedure

Expected Sequence 4.7 (SEND SS, call forward unconditional, all bearers, successful, alpha identifier with Text attribute – Italic On)

[..]

PROACTIVE COMMAND: SEND SS 4.7.1

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 1"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*~~+~~0123456789012345678 9#"

Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic On, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	31	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	20	B4									

PROACTIVE COMMAND: SEND SS 4.7.2

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 2"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"
Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	32	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	00	B4									

PROACTIVE COMMAND: SEND SS 4.7.3

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 3"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"

Coding:

BER-TLV:	D0	2B	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	33	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9			

[..]

27.22.4.11.4.8.4.2 Procedure

Expected Sequence 4.8 (SEND SS, call forward unconditional, all bearers, successful, alpha identifier with Text attribute – Underline On)

[..]

PROACTIVE COMMAND: SEND SS 4.8.1

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha identifier: "Text Attribute 1"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"
- SS string: "**21*~~+~~0123456789012345678 9#"

Text Attribute
- Formatting position: 0
- Formatting length: 16
- Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline On, Strikethrough Off
- Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	31	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	40	B4									

PROACTIVE COMMAND: SEND SS 4.8.2

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha identifier: "Text Attribute 2"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"
- SS string: "**21*~~+~~0123456789012345678 9#"

Text Attribute
- Formatting position: 0

Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	32	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	00	B4									

PROACTIVE COMMAND: SEND SS 4.8.3

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 3"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"

Coding:

BER-TLV:	D0	2B	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	33	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9			

[..]

27.22.4.11.4.9.4.2 Procedure

Expected Sequence 4.9 (SEND SS, call forward unconditional, all bearers, successful, alpha identifier with Text attribute – Strikethrough On)

[..]

PROACTIVE COMMAND: SEND SS 4.9.1

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 1"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"

Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough On
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	31	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	80	B4									

PROACTIVE COMMAND: SEND SS 4.9.2

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 2"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"
Text Attribute
Formatting position: 0
Formatting length: 16
Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	32	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	00	B4									

PROACTIVE COMMAND: SEND SS 4.9.3

Logically:

Command details
Command number: 1
Command type: SEND SS
Command qualifier: "00"
Device identities
Source device: UICC
Destination device: Network
Alpha identifier: "Text Attribute 3"
SS String
TON: International
NPI: "ISDN / telephone numbering plan"
SS string: "**21*+0123456789012345678 9#"

Coding:

BER-TLV:	D0	2B	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	33	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9			

[..]

27.22.4.11.4.10.4.2 Procedure

Expected Sequence 4.10 (SEND SS, call forward unconditional, all bearers, successful, alpha identifier with Text attribute – Foreground and Background Colour)

[..]

PROACTIVE COMMAND: SEND SS 4.10.1

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha identifier: "Text Attribute 1"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"
- SS string: "**21*+0123456789012345678 9#"

Text Attribute
- Formatting position: 0
- Formatting length: 16
- Formatting mode: Left Alignment, Normal Font, Bold Off, Italic Off, Underline Off, Strikethrough Off
- Colour: Dark Green Foreground, Bright Yellow Background

Coding:

BER-TLV:	D0	31	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	31	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9	D0	04	00
	10	00	B4									

PROACTIVE COMMAND: SEND SS 4.10.2

Logically:

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

Device identities
- Source device: UICC
- Destination device: Network

Alpha identifier: "Text Attribute 2"

SS String
- TON: International
- NPI: "ISDN / telephone numbering plan"
- SS string: "**21*+0123456789012345678 9#"

Coding:

BER-TLV:	D0	2B	81	03	01	11	00	82	02	81	83	85
	10	54	65	78	74	20	41	74	74	72	69	62
	75	74	65	20	32	89	0E	91	AA	12	0A	21
	43	65	87	09	21	43	65	87	B9			

[..]

27.22.4.23.1.4.2 Procedure

Expected Sequence 1.1(RUN AT COMMAND, no alpha identifier presented, request IMSI)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: RUN AT COMMAND 1.1.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: RUN AT COMMAND 1.1.1	[no alpha identifier, request IMSI]
4	ME (→ User)	The ME may give information to the user concerning what is happening	
5~~7~~	ME → UICC	TERMINAL RESPONSE: RUN AT COMMAND 1.1.1	[Command performed successfully, AT Response containing IMSI]

[..]

Expected Sequence 1.2 (RUN AT COMMAND, null data alpha identifier presented, request IMSI)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: RUN AT COMMAND 1.2.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: RUN AT COMMAND 1.2.1	[null data alpha identifier, request IMSI]
4	ME	The ME should not give any information to user on the fact that the ME is performing an AT command	
5~~7~~	ME → UICC	TERMINAL RESPONSE: RUN AT COMMAND 1.1.1	[Command performed successfully, AT Response containing IMSI]

[..]

Expected Sequence 1.3 (RUN AT COMMAND, alpha identifier presented, request IMSI)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: RUN AT COMMAND 1.3.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: RUN AT COMMAND 1.3.1	[alpha identifier, request IMSI]
4	ME → USER	Display "Run AT Command"	
5~~7~~	ME → UICC	TERMINAL RESPONSE: RUN AT COMMAND 1.1.1	[Command performed successfully, AT Response containing IMSI]

[..]

27.22.4.23.2.4.2 Procedure

[..]

Expected Sequence 2.3A (RUN AT COMMAND, basic icon non self-explanatory, request IMSI, successful)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: RUN AT COMMAND 2.3.1	
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: RUN AT COMMAND 2.3.1	[BASIC-ICON, non self-explanatory, request IMSI]
4	ME → USER	Display "Basic Icon" and BASIC-ICON	
5~~7~~	ME → UICC	TERMINAL RESPONSE: RUN AT COMMAND 2.1.1A	[Command performed successfully, AT response containing IMSI]

[..]

27.22.4.26.4.4.2 Procedure

[..]

Expected Sequence 4.2A (LAUNCH BROWSER, use the existing browser, icon self explanatory, successful)

Step	Direction	MESSAGE / Action	Comments
1	UICC → ME	PROACTIVE COMMAND PENDING: LAUNCH BROWSER 4.2.1	[Browser is in use, the current session is not secured]]
2	ME → UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: LAUNCH BROWSER 4.2.1	[connect to the default URL, "use the existing browser", alpha id. In UCS2]
4	ME → USER	ME displays only the icon	["Self explan."]
5	USER → ME	The user confirms the launch browser.	[user confirmation]
6	ME → UICC	TERMINAL RESPONSE: LAUNCH BROWSER 4.2.1 A	[Command performed successfully]
7	ME→USS	The ME does not close the existing session and attempts to connect the default URL.	
8	UICC → ME	PROACTIVE UICC SESSION ENDED	
9	USER → ME	The user verifies that the default URL is connected; and the previous URL can be retrieved. Then he/she ends the navigation with the default URL.	

PROACTIVE COMMAND: LAUNCH BROWSER 4.2.1

Logically:

Command details
- Command number: 1
- Command type: LAUNCH BROWSER
- Command qualifier: use the existing browser

Device identities
- Source device: UICC

Destination device: ME
URL empty
Alpha Identifier "Self explan."
Icon identifier:
Icon qualifier: self-explanatory
Icon identifier: record 1 in $EF_{(IMG)}$

Coding:

BER-TLV:	D0	1D	81	03	01	15	02	82	02	81	82	31
	00	05	0C	5~~7~~3	65	6C	66	20	65	78	70	6C
	61	6E	2E	1E	02	00	01					

[..]

27.22.4.30.1.4.2 Procedure

[..]

Expected sequence 1.3 (SEND DATA, Store mode, Tx buffer fully used)

[..]

TERMINAL RESPONSE: SEND DATA 1.3.2

Logically:

Command details
Command number: 1
Command type: SEND DATA
Command qualifier: Store mode
Device identities
Source device: ME
Destination device: UICC
Result
General Result: Command performed successfully
Channel data length: More than 255 bytes of space available in the Tx buffer

Coding:

BER-TLV:	81	03	01	43	00	82	02	~~21~~82	~~82~~81	83	01	00
	B7	01	FF									

3GPP TSG-CT6 #35
Cancun, Mexico
26-29 April 2005

C6-050390

(Revised C6-050343)

CR-Form-v7.1

CHANGE REQUEST

⌘ **31.124** **CR** **005** ⌘ **rev** **-** ⌘ Current version: **6.0.0** ⌘

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

Proposed change affects: UICC apps⌘ [X] ME [ ] Radio Access Network [ ] Core Network [ ]

Title:	⌘	CR 31.124, Rel-6: Removal of GET RESPONSE references.
Source:	⌘	CT6
Work item code:	⌘	TEI-6
Date:	⌘	27/04/2005
Category:	⌘	**F**
Release:	⌘	Rel-6

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:	⌘	Some tests have references to the GET RESPONSE command, which is only used in T=0. These tests cannot be run using T=1.
Summary of change:	⌘	All references to '61 xx' and GET RESPONSE have been removed.
Consequences if not approved:	⌘	The tests containing references to GET RESPONSE will not be able to be executed correctly in T=1.

Clauses affected:	⌘	27.22.5.1.3, 27.22.5.1.4.2, 27.22.6.1.3, 27.22.6.1.4.2, 27.22.6.2.3, 27.22.6.2.4.2, 27.22.6.3.4.2, 27.22.6.4.4.2, 27.22.8.3, 27.22.8.4.2

	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.

27.22.5.1.3 Test purpose

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

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

To verify that the ME returns the response data from the UICC back to the USS in the TP-User-Data element of the RP-ACK message, if the UICC ~~responds with '61 XX'~~returns response data.

[..]

27.22.5.1.4.2 Procedure

[..]

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

Step	Direction	MESSAGE / Action	Comments
1	USS → 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 → UICC	ENVELOPE: SMS-PP DOWNLOAD 1.2.2	
~~4~~	~~UICC → ME~~	~~RESPONSE DATA AVAILABLE~~	~~[SW1 / SW2 of '61 0B']~~
~~5~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~6~~4	UICC → ME	SMS-PP Data Download UICC Acknowledgement 1.2.4	[SW1 / SW2 of '90 00']
~~7~~5	ME → USS	SMS-PP Data Download UICC 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.	

[..]

27.22.6.1.3 Test purpose

To verify that for all call set-up attempts , even those resulting from a SET UP CALL proactive UICC command, the ME shall first pass the call set-up details (dialled digits and associated parameters) to the UICC, using the ENVELOPE (CALL CONTROL).

To verify that if the UICC responds with '90 00', the ME shall set up the call with the dialled digits and other parameters as sent to the UICC.

To verify that if the UICC returns response data, the ME shall use the response data appropriately ~~responds with '61 XX', the ME shall use the GET RESPONSE command to get the response data. The response data from the UICC shall indicate to the ME whether~~ to set up the call as proposed, not set up the call, or set up a call using the data supplied by the UICC.

To verify that, in the case where the initial call set-up request results from a proactive SET UP CALL, if the call control result is "not allowed" or "allowed with modifications", the ME shall inform the UICC using TERMINAL RESPONSE "interaction with call control by UICC or MO short message control by UICC, action not allowed".

To verify that it is possible for the UICC to request the ME to set up an emergency call by supplying the number "112" as the response data.

[..]

27.22.6.1.4.2 Procedure

[..]

Expected Sequence 1.2 (CALL CONTROL BY USIM , set up call attempt by user, allowed without modification)

Step	Direction	Message / Action	Comments
1	User → ME	Set up a call to "+01234567890123456789"	
2	ME → UICC	ENVELOPE CALL CONTROL 1.2.1 A or ENVELOPE CALL CONTROL 1.2.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 02~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 1.2.1	[Call control result: "Allowed, no modification"]
~~6~~4	ME → USS	The ME sets up the call without modification	[Set up call to "+01234567890123456789"]

[..]

Expected Sequence 1.3A (CALL CONTROL BY USIM , set up call attempt resulting from a set up call proactive command, allowed without modification)

Step	Direction	Message / Action	Comments
1	UICC → ME	PROACTIVE COMMAND: SET UP CALL 1.3.1 PENDING	[This test applies to MEs asking for user confirmation before sending the ENVELOPE CALL CONTROL command]
2	ME→UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SET UP CALL 1.3.1	[Set up call to "+012340123456"]
4	ME → USER	ME displays "+012340123456" during user confirmation phase.	
5	USER → ME	The user confirms the call set up	[user confirmation]
6	ME → UICC	ENVELOPE CALL CONTROL 1.3.1A or ENVELOPE CALL CONTROL 1.3.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~7~~	~~UICC → ME~~	~~61 02~~	
~~8~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~9~~7	UICC → ME	CALL CONTROL RESULT 1.3.1	[Call control result: "Allowed, no modification"]
~~10~~8	ME → USS	The ME sets up the call without modification	[Set up call to "+012340123456"]
~~11~~9	ME → UICC	TERMINAL RESPONSE: SET UP CALL 1.3.1	[command performed successfully]

Expected Sequence 1.3 B (CALL CONTROL BY USIM , set up call attempt resulting from a set up call proactive command, allowed without modification)

Step	Direction	Message / Action	Comments
1	UICC → ME	PROACTIVE COMMAND: SET UP CALL 1.3.1 PENDING	[This test applies to MEs asking for user confirmation after sending the ENVELOPE CALL CONTROL command]
2	ME→UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SET UP CALL 1.3.1	[Set up call to "+012340123456"]
4	ME → UICC	ENVELOPE CALL CONTROL 1.3.1A or ENVELOPE CALL CONTROL 1.3.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~5~~	~~UICC → ME~~	~~61 02~~	
~~6~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~7~~5	UICC → ME	CALL CONTROL RESULT 1.3.1	[Call control result: "Allowed, no modification"]
~~8~~6	ME → USER	ME displays "+012340123456" during user confirmation phase.	
~~9~~7	USER → ME	The user confirms the call set up	[user confirmation]
~~10~~8	ME → USS	The ME sets up the call without modification	[Set up call to "+012340123456"]
~~11~~9	ME → UICC	TERMINAL RESPONSE: SET UP CALL 1.3.1	[command performed successfully]

[..]

Expected Sequence 1.4 (CALL CONTROL BY USIM , set up call attempt by user, not allowed)

Step	Direction	Message / Action	Comments
1	User → ME	Set up a call to "+01234567890123456789"	
2	ME → UICC	ENVELOPE CALL CONTROL 1.4.1 A or ENVELOPE CALL CONTROL 1.4.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 02~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 1.4.1	[Call control result: "not Allowed"]
~~6~~4	ME → USS	The ME does not set up the call	

[..]

Expected Sequence 1.5A (CALL CONTROL BY USIM , set up call attempt resulting from a set up call proactive command, not allowed)

Step	Direction	Message / Action	Comments
1	UICC → ME	PROACTIVE COMMAND: SET UP CALL 1.5.1 PENDING	[This test applies to MEs asking for user confirmation before sending the ENVELOPE CALL CONTROL command]
2	ME→UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SET UP CALL 1.5.1	[Set up call to "+012340123456"
4	ME → USER	ME displays "+012340123456" during user confirmation phase.	
5	USER → ME	The user confirms the call set up	[user confirmation]
6	ME → UICC	ENVELOPE CALL CONTROL 1.5.1A or ENVELOPE CALL CONTROL 1.5.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~7~~	~~UICC → ME~~	~~61 02~~	
~~8~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~9~~7	UICC → ME	CALL CONTROL RESULT 1.5.1	[Call control result: "Not Allowed"]
~~10~~8	ME → UICC	TERMINAL RESPONSE: SET UP CALL 1.5.1	[Permanent Problem - Interaction with Call Control by USIM]
~~11~~9	ME → USS	The ME does not set up the call	

Expected Sequence 1.5 B (CALL CONTROL BY USIM , set up call attempt resulting from a set up call proactive command, not allowed)

Step	Direction	Message / Action	Comments
1	UICC → ME	PROACTIVE COMMAND: SET UP CALL 1.5.1 PENDING	[This test applies to MEs asking for user confirmation after sending the ENVELOPE CALL CONTROL command]
2	ME→UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SET UP CALL 1.5.1	[Set up call to "+012340123456"
4	ME → UICC	ENVELOPE CALL CONTROL 1.5.1A or ENVELOPE CALL CONTROL 1.5.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~5~~	~~UICC → ME~~	~~61 02~~	
~~6~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~7~~5	UICC → ME	CALL CONTROL RESULT 1.5.1	[Call control result: "Not Allowed"] [No user confirmation phase because Call Control has disallowed the request]
~~8~~6	ME → UICC	TERMINAL RESPONSE: SET UP CALL 1.5.1	[Permanent Problem - Interaction with Call Control by USIM]
~~9~~7	ME → USS	The ME does not set up the call	

[..]

Expected Sequence 1.6 (CALL CONTROL BY USIM , set up call attempt by user, allowed with modifications)

Step	Direction	Message / Action	Comments
1	User → ME	Set up a call to "+01234567890123456789"	
2	ME → UICC	ENVELOPE CALL CONTROL 1.6.1 A or ENVELOPE CALL CONTROL 1.6.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 08~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 1.6.1	[Call control result: "Allowed with modifications",]
~~6~~4	ME → USS	The ME sets up the call to "+010203"	

[..]

Expected Sequence 1.7A (CALL CONTROL BY USIM, set up call attempt resulting from a set up call proactive command, allowed with modifications)

Step	Direction	Message / Action	Comments
1	UICC → ME	PROACTIVE COMMAND: SET UP CALL 1.7.1 PENDING	[This test applies to MEs asking for user confirmation before sending the ENVELOPE CALL CONTROL command]
2	ME→UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SET UP CALL 1.7.1	[Set up call to "+012340123456"]
4	ME → USER	ME displays "+012340123456" during user confirmation phase.	
5	USER → ME	The user confirms the call set up	[user confirmation]
6	ME → UICC	ENVELOPE CALL CONTROL 1.7.1A or ENVELOPE CALL CONTROL 1.7.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~7~~	~~UICC → ME~~	~~61 0B~~	
~~8~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~9~~7	UICC → ME	CALL CONTROL RESULT 1.7.1	[Call control result: "Allowed with modifications"]
~~10~~8	ME → USS	The ME sets up the call to "+011111111111"	
~~11~~9	ME → UICC	TERMINAL RESPONSE: SET UP CALL 1.7.1	[command performed successfully]

Expected Sequence 1.7 B (CALL CONTROL BY USIM, set up call attempt resulting from a set up call proactive command, allowed with modifications)

Step	Direction	Message / Action	Comments
1	UICC → ME	PROACTIVE COMMAND: SET UP CALL 1.7.1 PENDING	[This test applies to MEs asking for user confirmation after sending the ENVELOPE CALL CONTROL command]
2	ME→UICC	FETCH	
3	UICC → ME	PROACTIVE COMMAND: SET UP CALL 1.7.1	[Set up call to "+012340123456"]
4	ME → UICC	ENVELOPE CALL CONTROL 1.7.1A or ENVELOPE CALL CONTROL 1.7.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~5~~	~~UICC → ME~~	~~61 0B~~	
~~6~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~7~~5	UICC → ME	CALL CONTROL RESULT 1.7.1	[Call control result: "Allowed with modifications"]
~~8~~6	ME → USER	ME displays "+012340123456" during user confirmation phase.	
~~9~~7	USER → ME	The user confirms the call set up	[user confirmation]
~~10~~8	ME → USS	The ME sets up the call to "+011111111111"	[call is set up to modified address]
~~11~~9	ME → UICC	TERMINAL RESPONSE: SET UP CALL 1.7.1	[command performed successfully]

[..]

Expected Sequence 1.8 (CALL CONTROL BY USIM , set up call attempt by user, allowed with modifications: emergency call)

Step	Direction	Message / Action	Comments
1	User → ME	Set up a call to "+01234567890123456789"	
2	ME → UICC	ENVELOPE CALL CONTROL 1.8.1A or ENVELOPE CALL CONTROL 1.8.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters
~~3~~	~~UICC → ME~~	~~61 07~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 1.8.1	[Call control result: "Allowed with modifications"]
~~6~~4	ME → USS	The ME sets up an emergency call;	

[..]

Expected Sequence 1.9 (CALL CONTROL BY USIM , set up call attempt by user, allowed with modifications: number in EF_{ECC})

Step	Direction	Message / Action	Comments
1	User → ME	Set up a call to "+01234567890123456789"	
2	ME → UICC	ENVELOPE CALL CONTROL 1.9.1A or ENVELOPE CALL CONTROL 1.9.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 07~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 1.9.1	[Call control result: "Allowed with modifications"]
~~6~~4	ME → USS	The ME sets up call with the dialled digits "1020". The ME does not set up an emergency call, but stes up a normal call	

[..]

Expected Sequence 1.12 (CALL CONTROL BY USIM , set up call through call register, allowed without modification)

Pre-condition: the ME has a mean to register the last dialled number(s), and the ME will store dialled numbers allowed by call control in its register.

Step	Direction	Message / Action	Comments
1	User → ME	Set up a call to "+01234567890123456789"	
2	ME → UICC	ENVELOPE CALL CONTROL 1.2.1A or ENVELOPE CALL CONTROL 1.2.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 02~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 1.2.1	[Call control result: "Allowed, no modification"]
~~6~~4	ME → USS	The ME sets up the call without modification	[Set up call to "+01234567890123456789"]
~~7~~5	User → ME	End the call then call the last dialled number	
~~8~~6	ME → UICC	ENVELOPE CALL CONTROL 1.2.1A or ENVELOPE CALL CONTROL 1.2.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~9~~	~~UICC → ME~~	~~61 02~~	~~[Call control result: "Allowed, no modification"]~~
~~10~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~11~~7	UICC → ME	CALL CONTROL RESULT 1.2.1	[Call control result: "Allowed, no modification"]
~~12~~8	ME → USS	The ME sets up the call without modification	[Set up call to "+01234567890123456789"]

Expected Sequence 1.13 (CALL CONTROL BY USIM , set up call through call register, not allowed)

Pre-condition: the ME has a mean to register the last dialled number(s), and the ME will store dialled numbers not allowed by call control in its register.

Step	Direction	Message / Action	Comments
1	User → ME	Set up a call to "+01234567890123456789"	
2	ME → UICC	ENVELOPE CALL CONTROL 1.4.1A or ENVELOPE CALL CONTROL 1.4.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 02~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 1.4.1	[Call control result: "not Allowed"]
~~6~~4	ME → USS	The ME does not set up the call	
~~7~~5	User → ME	The user calls the last dialled number	
~~8~~6	ME → UICC	ENVELOPE CALL CONTROL 1.4.1A or ENVELOPE CALL CONTROL 1.4.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~9~~	~~UICC → ME~~	~~61 02~~	
~~10~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~11~~7	UICC → ME	CALL CONTROL RESULT 1.4.1	[Call control result: "not Allowed"]
~~12~~8	ME → USS	The ME does not set up the call	

Expected Sequence 1.14 (CALL CONTROL BY USIM , set up call through call register, allowed with modifications)

Pre-condition: the ME has a mean to register the last dialled number(s), and the ME will store dialled numbers allowed with modification in its register.

Step	Direction	Message / Action	Comments
1	User → ME	Set up a call to "+01234567890123456789"	
2	ME → UICC	ENVELOPE CALL CONTROL 1.6.1A or ENVELOPE CALL CONTROL 1.6.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 08~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 1.6.1	[Call control result: "Allowed with modifications"]
~~6~~4	ME → USS	The ME sets up the call to "+010203"	
~~7~~5	User → ME	Set up a call to "+01234567890123456789"	
~~8~~6	ME → UICC	ENVELOPE CALL CONTROL 1.6.1A or ENVELOPE CALL CONTROL 1.6.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~9~~	~~UICC → ME~~	~~61 08~~	
~~10~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~11~~7	UICC → ME	CALL CONTROL RESULT 1.6.1	[Call control result: "Allowed with modifications"]
~~12~~8	ME → USS	The ME sets up the call to "+010203"	

[..]

27.22.6.2.3 Test purpose

To verify that the ME first pass the supplementary service control string corresponding to the supplementary service operation to the USIM, using the ENVELOPE (CALL CONTROL) command.

To verify that, if the UICC responds with '90 00', the ME shall send the supplementary service operation with the information as sent to the UICC.

To verify that, if the UICC returns response data, the ME shall use the response data appropriately ~~responds with '61 XX', the ME shall use the GET RESPONSE command to get the response data. The response data from the UICC shall indicate to the ME whether~~ to send the supplementary service operation as proposed, not send the SS operation, or instead send the USS operation using the data supplied by the UICC.

[..]

27.22.6.2.4.2 Procedure

[..]

Expected Sequence 2.2 (CALL CONTROL BY USIM , send SS, allowed without modifications)

Step	Direction	Message / Action	Comments
1	User → ME	The user selects the facility of the ME which requires an unconditional call forward supplementary service operation to be sent to the network (System Simulator).	
2	ME → UICC	ENVELOPE CALL CONTROL 2.2.1A or ENVELOPE CALL CONTROL 2.2.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 02~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 2.2.1	[Call control result: "Allowed without modifications"]
~~6~~4	ME → USS	REGISTER 2.1	The ME sends the supplementary service operation with the information as sent to the UICC
~~7~~5	USS → ME	RELEASE COMPLETE (SS RETURN RESULT) 2.1	

[..]

Expected Sequence 2.3 (CALL CONTROL BY USIM , send SS, not allowed)

Step	Direction	Message / Action	Comments
1	User → ME	The user selects the facility of the ME which requires an unconditional call forward supplementary service operation to be sent to the network (System Simulator).	
2	ME → UICC	ENVELOPE CALL CONTROL 2.3.1A or ENVELOPE CALL CONTROL 2.3.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 02~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 2.3.1	[Call control result: "Not Allowed"]
~~6~~4	ME → USS	The ME does not send the supplementary service operation	

[..]

Expected Sequence 2.4 (CALL CONTROL BY USIM , send SS, allowed with modifications)

Step	Direction	Message / Action	Comments
1	User → ME	The user selects the facility of the ME which requires an unconditional call forward supplementary service operation to be sent to the network (System Simulator).	
2	ME → UICC	ENVELOPE CALL CONTROL 2.4.1A or ENVELOPE CALL CONTROL 2.4.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 07~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 2.4.1	[Call control result: "Allowed with modifications"]
~~6~~4	ME → USS	REGISTER 2.4	[The ME sends the supplementary service operation with the information as sent by the UICC]
~~7~~5	USS → ME	RELEASE COMPLETE (SS RETURN RESULT) 2.4	

[..]

27.22.6.3.4.2 Procedure

[..]

Expected Sequence 3.3 (CALL CONTROL BY USIM , set up a call in EF_{FDN}, Allowed without modifications)

Step	Direction	Message / Action	Comments
1	User → ME	The user sets up a call to "9876"	
2	ME → UICC	ENVELOPE CALL CONTROL 3.3.1A or ENVELOPE CALL CONTROL 3.3.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 02~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 3.3.1	[Call control result: "Allowed without modifications"]
~~6~~4	ME → USS	The ME sets up the call without modification	[Set up call to "9876"]

[..]

Expected Sequence 3.4 (CALL CONTROL BY USIM , set up a call in EF_{FDN} , Not Allowed)

Step	Direction	Message / Action	Comments
1	User → ME	The user sets up a call to "9876"	
2	ME → UICC	ENVELOPE CALL CONTROL 3.4.1A or ENVELOPE CALL CONTROL 3.4.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 02~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 3.4.1	[Call control result: "Not Allowed"]
~~6~~4	ME → USS	The ME does not set up the call	

[..]

Expected Sequence 3.5 (CALL CONTROL BY USIM , set up a call in EF_{FDN} , Allowed with modifications)

Step	Direction	Message / Action	Comments
1	User → ME	The user sets up a call to "9876"	
2	ME → UICC	ENVELOPE CALL CONTROL 3.5.1A or ENVELOPE CALL CONTROL 3.5.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC → ME~~	~~61 07~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 3.5.1	[Call control result: "Allowed with modifications"]
~~6~~4	ME → USS	The ME sets up the call with data sent by the UICC	[Set up call to "3333"]

[..]

27.22.6.4.4.2 Procedure

Expected Sequence 4.1 (CALL CONTROL BY USIM, BDN service enabled)

Step	Direction	Message / Action	Comments
1	User → ME	The user sets up a call to "+1357924680"	[Number as stored in record 1 of EF BDN]
2	ME → UICC	ENVELOPE CALL CONTROL 4.1.1	
~~3~~	~~UICC → ME~~	~~61 02~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 4.1.1	[Call control result: "Not Allowed"]
~~6~~4	ME → USS	The ME does not set up the call	
~~7~~5	User → ME	The user sets up a call to the number stored in record 1 of EF ADN	
~~8~~6	ME → UICC	ENVELOPE CALL CONTROL 4.1.2	
~~9~~	~~UICC → ME~~	~~61 02~~	
~~10~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~11~~7	UICC → ME	CALL CONTROL RESULT 4.1.2	[Call control result: "Allowed without modifications"]
~~12~~8	ME → USS	The ME sets up the call without modification	
~~13~~9	User → ME	The user sets up a call to “123456”	
~~14~~10	ME → UICC	ENVELOPE CALL CONTROL 4.1.3	
~~15~~	~~UICC → ME~~	~~61 02~~	
~~16~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~17~~11	UICC → ME	CALL CONTROL RESULT 4.1.2	[Call control result: "Allowed without modifications"]
~~18~~12	ME → USS	The ME sets up the call without modification	
~~19~~13	User → ME	The user sets up a call to "1111"	
~~20~~14	ME → UICC	ENVELOPE CALL CONTROL 4.1.4	
~~21~~	~~UICC → ME~~	~~61 07~~	
~~22~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~23~~15	UICC → ME	CALL CONTROL RESULT 4.1.3	[Call control result: "Allowed with modifications"]
~~24~~16	ME → USS	The ME sets up the call with data sent by the UICC	[Set up call to "2222"]
~~25~~17	User → ME	The user shall use a MMI dependent procedure to initiate the disabling of the BDN service	
~~26~~18	ME → User	Ask for second application PIN verification	
~~25~~19	User → ME	The user shall enter the second application PIN	
~~26~~20	ME → UICC	Update EF EST to disable BDN service	
~~27~~21	UICC → ME	UICC responds with SW = “90 00”	
~~28~~22	ME → User	Indicate that the BDN service was disabled successfully	
~~29~~23	User → ME	The user uses the MMI to store the directory number "+876543210" in EF_{BDN} as barred dialling number 1 (record 1).	[The alpha identifier is not changed.]
~~30~~24	ME → UICC	Update EF BDN	
~~31~~25	UICC → ME	UICC responds with SW = “90 00”	
~~32~~26	ME → User	The user attempts to set up a call to “+876543210”.	
~~33a~~27a	ME → UICC	No Envelope call control is sent	

~~33b~~27b	ME → USS	The ME sets up the call without modification	

[..]

Expected Sequence 4.3 (CALL CONTROL BY USIM , FDN and BDN enabled, set up a call in EF_{FDN}, Allowed with modifications)

Step	Direction	Message / Action	Comments
1	User → ME	The user sets up a call to "123"	
2	ME → UICC	ENVELOPE CALL CONTROL 4.3.1	
~~3~~	~~UICC → ME~~	~~61 0A~~	
~~4~~	~~ME → UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC → ME	CALL CONTROL RESULT 4.3.1	[Call control result: "Allowed with modifications"]
~~6~~4	ME → USS	The ME sets up the call with data sent by the UICC	[Set up call to "24680"the ME does not re-check this modified number against the FDN list]

[..]

27.22.8.3 Test purpose

To verify that for all SMS sending attempts, even those resulting from a SEND SHORT MESSAGE proactive UICC command, the ME shall first pass the RP_destination_address of the service center and the TP_Destination_Address to the UICC, using the ENVELOPE (MO Short Message CONTROL).

To verify that if the UICC responds with '90 00', the ME shall send the SMS with the address unchanged.

To verify that if the UICC responds with '93 00', the ME shall not send the SMS and may retry the command.

To verify that if the UICC returns response data, the ME shall use the response data appropriately ~~responds with '61 XX', the ME shall use the GET RESPONSE command to get the response data. The response data from the UICC shall indicate to the ME whether~~ to send the SM as proposed, not send the SM, or send the SM using the data supplied by the UICC.

To verify that, in the case where the initial SM request results from a proactive SEND SHORT MESSAGE, if the MO SMS CONTROL result is "not allowed" or "allowed with modifications", the ME shall inform the UICC using TERMINAL RESPONSE "interaction with call control by UICC or MO short message control by USIM, action not allowed".

[..]

27.22.8.4.2 Procedure

Expected Sequence 1.1 (MO SM CONTROL BY USIM , with Proactive command, Allowed, no modification')

Step	Direction	Message / Action	Comments
1	UICC -> ME	PROACTIVE COMMAND PENDING: SEND SHORT MESSAGE 1.1.1	
2	ME -> UICC	FETCH	
3	UICC -> ME	PROACTIVE COMMAND: SEND SHORT MESSAGE 1.1.1	
4	ME -> USER	Display "Send SM"	[Alpha Identifier]
5	ME -> UICC	ENVELOPE: MO SHORT MESSAGE CONTROL 1.1.1A Or ENVELOPE: MO SHORT MESSAGE CONTROL 1.1.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~6~~	~~UICC -> ME~~	~~61 02~~	
~~7~~	~~ME -> UICC~~	~~GET RESPONSE~~	
~~8~~6	UICC -> ME	MO SMS CONTROL RESULT 1.1.1	[“Allowed, no modification”]
~~9~~7	ME -> USS	Send SMS-PP Message 1.1	[The ME sends the SM containing SMS-PP (SEND SHORT MESSAGE) Message 1.1 without modification]
~~10~~8	USS -> ME	SMS RP-ACK	
~~11~~9	ME -> UICC	TERMINAL RESPONSE: SEND SHORT MESSAGE 1.1.1	

[..]

Expected Sequence 1.2 (MO SM CONTROL BY USIM , with user SMS, Allowed, no modification')

Step	Direction	Message / Action	Comments
1	USER -> ME	The user makes a SMS with the user data “Test Message“ and sends it to +012345678.	[The data entered and the ME settings shall lead to the same SMS-TPDU as defined in SMS-PP (SEND SHORT MESSAGE) Message 1.1.
2	ME -> UICC	ENVELOPE: MO SHORT MESSAGE CONTROL 1.1.1A or ENVELOPE: MO SHORT MESSAGE CONTROL 1.1.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC -> ME~~	~~61 02~~	
~~4~~	~~ME -> UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC -> ME	MO SHORT MESSAGE CONTROL RESULT 1.1.1	[“Allowed, no modification”]
~~6~~4	ME -> USS	Send SMS-PP Message 1.1	[The ME sends the SM containing SMS-PP (SEND SHORT MESSAGE) Message 1.1 without modification]
~~7~~5	USS -> ME	SMS RP-ACK	

Expected Sequence 1.3 (MO SM CONTROL BY USIM , with Proactive command, Not allowed')

Step	Direction	Message / Action	Comments
1	UICC -> ME	PROACTIVE COMMAND PENDING: SEND SHORT MESSAGE 1.1.1	
2	ME -> UICC	FETCH	
3	UICC -> ME	PROACTIVE COMMAND: SEND SHORT MESSAGE 1.1.1	
4	ME -> USER	Display "Send SM"	[Alpha Identifier]
5	ME -> UICC	ENVELOPE : MO SHORT MESSAGE CONTROL 1.1.1A or ENVELOPE : MO SHORT MESSAGE CONTROL 1.1.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~6~~	~~UICC -> ME~~	~~61 02~~	
~~7~~	~~ME -> UICC~~	~~GET RESPONSE~~	
~~8~~6	UICC -> ME	MO SHORT MESSAGE CONTROL RESULT 1.3.1	[“not Allowed”]
~~9~~7	ME -> UICC	TERMINAL RESPONSE: SEND SHORT MESSAGE 1.3.1	[Permanent Problem - Interaction with Call Control or MO short message control by USIM]
~~10~~8	ME→ USS	The ME does not send the Short Message	

[..]

Expected Sequence 1.4 (MO SM CONTROL BY USIM , with user SMS, Not allowed ')

Step	Direction	Message / Action	Comments
1	USER -> ME	The user makes a SMS with the user data “Test Message“ and sends it to +012345678.	[The data entered and the ME settings shall lead to the same SMS-TPDU as defined in SMS-PP (SEND SHORT MESSAGE) Message 1.1.
2	ME -> UICC	ENVELOPE : MO SHORT MESSAGE CONTROL 1.1.1A or ENVELOPE : MO SHORT MESSAGE CONTROL 1.1.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC -> ME~~	~~61 02~~	
~~4~~	~~ME -> UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC -> ME	MO SM CONTROL RESULT 1.3.1	[“Not allowed”]
~~6~~4	ME → USS	The ME does not send the Short Message	

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

Step	Direction	Message / Action	Comments
1	UICC -> ME	PROACTIVE COMMAND PENDING: SEND SHORT MESSAGE 1.1.1	
2	ME -> UICC	FETCH	
3	UICC -> ME	PROACTIVE COMMAND: SEND SHORT MESSAGE 1.1.1	Send SMS to “+012345678”
4	ME -> USER	Display "Send SM"	[Alpha Identifier]
5	ME -> UICC	ENVELOPE: MO SHORT MESSAGE CONTROL 1.1.1A or ENVELOPE: MO SHORT MESSAGE CONTROL 1.1.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~6~~	~~UICC -> ME~~	~~61 15~~	
~~7~~	~~ME -> UICC~~	~~GET RESPONSE~~	
~~8~~6	UICC -> ME	MO SM CONTROL RESULT 1.5.1	[“Allowed with modifications”]
~~9~~7	ME -> USS	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 UICC to the changed Service Center Adress “+112233445566779”]
~~10~~8	USS -> ME	SMS RP-ACK	
~~11~~9	ME -> UICC	TERMINAL RESPONSE: SEND SHORT MESSAGE 1.5.1	

[..]

Expected Sequence 1.6 (MO SM CONTROL BY USIM , with user SMS, Allowed with modifications')

Step	Direction	Message / Action	Comments
1	USER -> ME	The user makes a SMS with the user data “Test Message“ and sends it to +012345678.	[The data entered and the ME settings shall lead to the same SMS-TPDU as defined in SMS-PP (SEND SHORT MESSAGE) Message 1.1.
2	ME -> UICC	ENVELOPE: MO SHORT MESSAGE CONTROL 1.1.1A or ENVELOPE: MO SHORT MESSAGE CONTROL 1.1.1B	[Option A shall apply for GERAN/UTRAN parameters] [Option B shall apply for PCS1900 parameters]
~~3~~	~~UICC -> ME~~	~~91 15~~	
~~4~~	~~ME -> UICC~~	~~GET RESPONSE~~	
~~5~~3	UICC -> ME	MO SM CONTROL RESULT 1.5.1	[“Allowed with modifications”]
~~6~~4	ME-> USS	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 UICC to the changed Service Center Adress “+112233445566779”]
~~7~~5	USS -> ME	SMS RP-ACK	

[..]

3GPP TSG-CT6 Meeting #35
Cancun, Mexico, 26.-29.05.2005

Tdoc ⌘C6-050458

CR-Form-v7.1

CHANGE REQUEST

⌘ **31.124** **CR** 002 ⌘**rev** **-** ⌘ Current version: **6.0.0** ⌘

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

Proposed change affects: UICC apps⌘ [X] ME [ ] Radio Access Network [ ] Core Network [ ]

Title:	⌘	CR 31.124, Rel-6: Correction of applicability table
Source:	⌘	CT6
Work item code:	⌘	TEI6
Date:	⌘	28/04/2005
Category:	⌘	**F**
Release:	⌘	Rel-6

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:	⌘	1. 3GPP TS 31.111 does not define text attribute support for Set Up Event List. Furthermore no Set Up Event List with text attribute tests are defined in TS 31.124, therefore the applicability table of TS 31.124 is incorrect. 2. Incorrect numbering of applicability table 3. Handling of command number test missing in the applicability table
Summary of change:	⌘	Applicability table of TS 31.124 corrected
Consequences if not approved:	⌘	Applicability table of TS 31.124 is incorrect and in contradiction to TS 31.111 and TS 31.124.

Clauses affected:	⌘	3.4

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 reques

3.4 Applicability table

Table B.1: Applicability of tests

Item	Description	Re-lease	Test sequence (s)	Rel 99 ME	Rel-4 ME	Rel-5 ME	Rel-6 ME	Terminal Profile	Sup-port
1	**PROFILE DOWNLOAD**	R99	**1**	**M**	M	M	M	E.1/1	
2	**Contents of the TERMINAL PROFILE command 27.22.2**	R99		M	M	M	M	E.1/1	
3	**Servicing of Proactive UICCCommands**	R99		M	M	M	M		
4	**DISPLAY TEXT**								
	Unpacked	R99	1.1	M	M	M	M	E.1/17	
	Screen busy	R99	1.2	M	M	M	M	E.1/17	
	high priority	R99	1.3	M	M	M	M	E.1/17	
	Packed	R99	1.4	M	M	M	M	E.1/17	
	clear after delay	R99	1.5	M	M	M	M	E.1/17	
	clear after user confirmation	R99	1.1	M	M	M	M	E.1/17	
	long text up to 160 bytes	R99	1.6	M	M	M	M	E.1/17	
	Backwards move in USIM session	R99	1.7	M	M	M	M	E.1/17	
	Session terminated by user	R99	1.8	M	M	M	M	E.1/17	
	Command not understood by ME	R99	1.9	M	M	M	M	E.1/17	
	no response from user	R99	2.1	M	M	M	M	E.1/17	
	Extension Text	R99	3.1	M	M	M	M	E.1/17 AND E.1/16	
	sustained text	R99	4.1, 4.2, 4.3, 4.4	M	M	M	M	E.1/17 AND E.1/65	
	Icons	R99	5.1, 5.2, 5.3	C108	C108	C108	C108	E.1/17	
	UCS2 display	R99	6.1	C118	C118	C118	C118	E.1/17 AND E.1/15	
	Variable Timeout	Rel-4	7.1	C126	C126	C126	C126	E.1/17 AND E.1/137	
	Text attribute	Rel-5	8.1 to 8.10			C127	C127	E.1/17	
	Frames	Rel-6	TBD				C133	E.1/17 AND E.1/177 AND E.1/178	
5	**GET INKEY**								
	prompt unpacked	R99	1.1	M	M	M	M	E.1/18	
	prompt packed	R99	1.2	M	M	M	M	E.1/18	
	digits only	R99	1.1	M	M	M	M	E.1/18	
	Backwards move in UICC session	R99	1.3	M	M	M	M	E.1/18	
	Session terminated by user	R99	1.4	M	M	M	M	E.1/18	
	SMS alphabet	R99	1.5	M	M	M	M	E.1/18	
	Long text up to 160 bytes	R99	1.6	M	M	M	M	E.1/18	
	no response from user	R99	2.1	M	M	M	M	E.1/18	
	UCS2 display	R99	3.1	C118	C118	C118	C118	E.1/18 AND E.1/15	
	UCS2 display, Long text up to 70 chars	R99	3.2	C118	C118	C118	C118	E.1/18 AND E.1/15	
	UCS2 format of entry	R99	4.1	C105	C105	C105	C105	E.1/18 AND E.1/14	
	"Yes/No" response	R99	5.1	M	M	M	M	E.1/18 AND E.1/60	
	Icons	R99	6.1, 6.2, 6.3, 6.4	C108	C108	C108	C108	E.1/18	

Item	Description	Re-leas e	Test sequence (s)	Rel 99 ME	Rel-4 ME	Rel-5 ME	Rel-6 ME	Terminal Profile	Sup-port
	Help information	R99	7.1	C107	C107	C107	C107	E.1/18	
	Variable Timeout	Rel-4	8.1	C126	C126	C126	C126	E.1/18 AND E.1/140	
	Text attribute	Rel-5	9.1 to 9.10			C127	C127	E.1/18	
	Frames	Rel-6	TBD				C133	E.1/18 AND E.1/177 AND E.1/178	
6	**GET INPUT**								
	input unpacked	R99	1.1	M	M	M	M	E.1/19	
	input packed	R99	1.2	M	M	M	M	E.1/19	
	digits only	R99	1.1	M	M	M	M	E.1/19	
	SMS alphabet	R99	1.3	M	M	M	M	E.1/19	
	hidden input	R99	1.4	M	M	M	M	E.1/19	
	min / max acceptable length	R99	1.5, 1.9	M	M	M	M	E.1/19	
	Backwards move in UICC session	R99	1.6	M	M	M	M	E.1/19	
	Session terminated by user	R99	1.7	M	M	M	M	E.1/19	
	Prompt text up to 160 bytes	R99	1.8	M	M	M	M	E.1/19	
	SMS default alphabet, ME to echo text, packing not required	R99	1.9	M	M	M	M	E.1/19	
	Null length for the text string	R99	1.10	M	M	M	M	E.1/19	
	no response from user	R99	2.1	M	M	M	M	E.1/19	
	UCS2 display	R99	3.1, 3.2	C118	C118	C118	C118	E.1/19 AND E.1/15	
	UCS2 entry	R99	4.1, 4.2	C105	C105	C105	C105	E.1/19 AND E.1/14	
	default text for the input	R99	5.1, 5.2	M	M	M	M	E.1/19	
	icons	R99	6.1, 6.2, 6.3, 6.4	C108	C108	C108	C108	E.1/19	
	help information	R99	7.1	C107	C107	C107	C107	E.1/19	
	Text attribute	Rel-5	8.1 to 8.10			C127	C127	E.1/19	
	Frames	Rel-6	TBD				C133	E.1/19 AND E.1/177 AND E.1/178	
7	**MORE TIME**	R99	1.1	M	M	M	M	E.1/20	
8	**PLAY TONE**								
	play all tones	R99	1.1	M	M	M	M	E.1/21	
	display alpha	R99	1.1	M	M	M	M	E.1/21	
	user termination	R99	1.1	M	M	M	M	E.1/21	
	superimpose	R99	1.1	M	M	M	M	E.1/21	
	UCS2 display	R99	2.1	C118	C118	C118	C118	E.1/21 AND E.1/15	
	icons	R99	3.1, 3.2,3.3, 3.4	C108	C108	C108	C108	E.1/21	
	Text attribute	Rel-5	4.1 to 4.10			C127	C127	E.1/21	
	Frames	Rel-6	TBD				C133	E.1/21 AND E.1/177 AND E.1/178	
	Themed and Melody tones	Rel-6	TBD				C138	E.1/21	
9	**POLL INTERVAL**								
	duration	R99	1.1	M	M	M	M	E.1/22	
10	**REFRESH**								
	USIM initialization, enabling FDN mode	R99	1.1	M	M	M	M	E.1/24	
	file change notification of FDN file	R99	1.2	M	M	M	M	E.1/24	
	USIM initialization and file change notification of PLMN	R99	1.3	M	M	M	M	E.1/24	
	USIM initialization and full file change notification, enabling FDN mode	R99	1.4	M	M	M	M	E.1/24	
	UICC reset	R99	1.5	M	M	M	M	E.1/24	
	USIM Initialization after SMS-PP data download	R99	1.6	M	M	M	M	E.1/24	
	UICC Reset for IMSI Changing procedure	R99	2.1	M	M	M	M	E.1/24	

Item	Description	Re-leas e	Test sequence (s)	Rel 99 ME	Rel-4 ME	Rel-5 ME	Rel-6 ME	Terminal Profile	Sup-port
	USIM Application Reset for IMSI Changing procedure	R99	2.2	M	M	M	M	E.1/24	
	3G Session Reset for IMSI Changing procedure	R99	2.3	M	M	M	M	E.1/24	
11	**SET UP MENU**								
	Set up, menu selection, replace and remove menu	R99	1.1	M	M	M	M	E.1/30 AND E.1/4	
	Large menu	R99	1.2	M	M	M	M	E.1/30 AND E.1/4	
	help information	R99	2.1	C107	C107	C107	C107	E.1/30 AND E.1/4	
	next action indicator	R99	3.1	M	M	M	M	E.1/30	
	icons	R99	4.1, 4.2	C108	C108	C108	C108	E.1/30	
	soft key access	R99	5.1	C112	C112	C112	C112	E.1/30 AND E.1/74	
	Text attribute	Rel-5	6.1			C127	C127	E.1/30 AND E.1/124	
12	**SELECT ITEM**								
	Mandatory features	R99	1.1	M	M	M	M	E.1/25	
	Large menu	R99	1.2, 1.3, 1.5,1.6	M	M	M	M	E.1/25	
	Backwards move	R99	1.4	M	M	M	M	E.1/25	
	user termination	R99	1.5	M	M	M	M	E.1/25	
	no response from user	R99	8.1	C120	C120	C120	C120	E.1/25	
	next action indicator	R99	2.1	M	M	M	M	E.1/25	
	default selected item	R99	3.1	M	M	M	M	E.1/25	
	help information	R99	4.1	C107	C107	C107	C107		
	icons	R99	5.1, 5.2	C108	C108	C108	C108	E.1/25	
	Presentation style	R99	6.1, 6.2	M	M	M	M	E.1/25	
	Soft keys	R99	7.1	C112	C112	C112	C112	E.1/25 AND E.1/73	
	No Response from user	R99	8.1	M	M	M	M	E.1/25	
	Text attribute	Rel-5	9.1 to 9.10			C127	C127	E.1/25 AND E.1/124	
	Frames	Rel-6	TBD				C133	E.1/25 AND E.1/177 AND E.1/178	
13	**SEND SMS**								
	Packing not required	R99	1.1, 1.3 1.5	M	M	M	M	E.1/26	
	Packing required	R99	1.2, 1.4	M	M	M	M	E.1/26	
	8 bit data	R99	1.1, 1.2	M	M	M	M	E.1/26	
	SMS default alphabet	R99	1.3, 1.4, 1.5	M	M	M	M	E.1/26	
	160 bytes length	R99	1.4, 1.5	M	M	M	M	E.1/26	
	Alpha identifier	R99	1.6, 1.7, 1.8	M	M	M	M	E.1/26	
	UCS2 SMS	R99	2.1	C118	C118	C118	C118	E.1/26 AND E.1/15	
	icons	R99	3.1, 3.2	C108	C108	C108	C108	E.1/26	
	Text attribute	Rel-5	4.1 to 4.10			C127	C127	E.1/26 AND E.1/124	
	Frames	Rel-6	TBD				C133	E.1/26 AND E.1/177 AND E.1/178	
14	**SEND SS**								
	call forward unconditional, all bearers, successful	R99	1.1	M	M	M	M	E.1/27	
	call forward unconditional, all bearers, Return Error	R99	1.2	M	M	M	M	E.1/27	
	call forward unconditional, all bearers, Reject	R99	1.3	M	M	M	M	E.1/27	
	call forward unconditional, all bearers, successful, SS request size limit	R99	1.4	M	M	M	M	E.1/27	
	interrogate CLIR status, successful, alpha identifier limits	R99	1.5	M	M	M	M	E.1/27	

Item	Description	Re-leas e	Test sequence (s)	Rel 99 ME	Rel-4 ME	Rel-5 ME	Rel-6 ME	Terminal Profile	Sup-port
	call forward unconditional, all bearers, successful, null data alpha identifier	R99	1.6	M	M	M	M	E.1/27	
	call forward unconditional, all bearers, successful, icon support	R99	2.1, 2.2, 2.3, 2.4	C108	C108	C108	C108	E.1/27	
	UCS2 display	R99	3.1	C118	C118	C118	C118	E.1/27 AND E.1/15	
	Text attribute	Rel-5	4.1 to 4.10			C127	C127	E.1/27 AND E.1/124	
15	**SEND USSD**								
	7-bit data, successful	R99	1.1	M	M	M	M	E.1/28	
	8-bit data, successful	R99	1.2	M	M	M	M	E.1/28	
	UCS2 data, successful	R99	1.3	M	M	M	M	E.1/28	
	7-bit data, unsuccessful	R99	1.4	M	M	M	M	E.1/28	
	7-bit data, unsuccessful	R99	1.5	M	M	M	M	E.1/28	
	256 octets, 7-bit data, successful, long alpha identifier	R99	1.6	M	M	M	M	E.1/28	
	7-bit data, successful, no alpha identifier	R99	1.7	M	M	M	M	E.1/28	
	7-bit data, successful, null length alpha identifier	R99	1.8	M	M	M	M	E.1/28	
	icons	R99	2.1, 2.2, 2.3, 2.4	C108	C108	C108	C108	E.1/28	
	UCS2	R99	3.1	C118	C118	C118	C118	E.1/28 AND E.1/15	
	Text attribute	Rel-5	4.1 to 4.10			C127	C127	E.1/28 AND E.1/124	
16	**SET UP CALL**								
	Call confirmed by the user and connected	R99	1.1	M	M	M	M	E.1/29	
	call rejected by the user	R99	1.2	M	M	M	M	E.1/29	
	redial	R99	1.3	C119	C119	C119	C119	E.1/29	
	putting all other calls on hold, ME busy	R99	1.4	M	M	M	M	E.1/29	
	disconnecting all other calls, ME busy	R99	1.5	M	M	M	M	E.1/29	
	only if not currently busy on another call, ME busy	R99	1.6	M	M	M	M	E.1/29	
	putting all other calls on hold, call hold is not allowed	R99	1.7	M	M	M	M	E.1/29	
	Capability configuration	R99	1.8	C101	C101	C101	C101	E.1/29	
	long dialling number string	R99	1.9	M	M	M	M	E.1/29	
	long first alpha identifier	R99	1.10	M	M	M	M	E.1/29	
	Called party subaddress	R99	1.11	C124	C124	C124	C124	E.1/29	
	maximum duration for the redial mechanism	R99	1.12	C119	C119	C119	C119	E.1/29	
	second alpha identifier	R99	2.1	M	M	M	M	E.1/29 AND E.1/63	
	UCS2 Display	R99	TBD	C118	C118	C118	C118	E.1/29 AND E.1/15	
	icons	R99	3.1,3.2, 3.3, 3.4	C108	C108	C108	C108	E.1/29	
	Text attribute	Rel-5	4.1 to 4.10			C127	C127	E.1/29 AND E.1/124	
	Frames	Rel-6	TBD				C133	E.1/29 AND E.1/177 AND E.1/178	
17	**POLLING OFF**	R996	1.1	M	M	M	M	E.1/23	
18	**PROVIDE LOCAL INFO**								
	location information	R99	1.1	M	M	M	M	E.1/31	
	IMEI	R99	1.2	M	M	M	M	E.1/31	
	network measurement results and BCCH channel list	R99	1.3	M	M	M	M	E.1/32 AND E.1/67	
	Date, time and time zone	R99	1.4	M	M	M	M	E.1/59	
	language setting	R99	1.5	M	M	M	M	E.1/68	
	Timing advance	R99	1.6	M	M	M	M	E.1/69	
	Access Technology	Rel-4	1.7	M	M	M	M	E.1/72	

Item	Description	Re-leas e	Test sequence (s)	Rel 99 ME	Rel-4 ME	Rel-5 ME	Rel-6 ME	Terminal Profile	Sup-port
	Void								
	IMEISV	Rel-6	1.9				M	E.1/143	
	Search Mode Change	Rel-6	1.10				M	E.1/144	
	Charge State of the Battery	Rel-6	1.11				C139	E.1/170	
	UTRAN measurements	Rel-6	1.12				M	E.1/183	
19	**SET UP EVENT LIST**								
	Set up call connected event	R99	1.1	M	M	M	M	E.1/33 AND E.1/35	
	Replace by new event list	R99	1.2	M	M	M	M	E.1/33 AND E.1/35 AND E.1/36	
	Remove event	R99	1.3	M	M	M	M	E.1/33 AND E.1/35	
	Remove Event on ME Power Cycle	R99	1.4	M	M	M	M	E.1/33 AND E.1/35	
	~~Text attribute~~	~~Rel 5~~	~~2.1 to 2.10~~			~~C127~~	~~C127~~	~~E.1/33 AND E.1/35 AND E.1/124~~	
20	**PERFORM CARD APDU**								
	Additional card inserted, Select MF and Get Response	R99	1.1	C109	C109	C109	C109	E.1/51	
	Additional card inserted, Select DF GSM, Select EF PLMN , Update Binary, Read Binary on EF PLMN	R99	1.2	C109	C109	C109	C109	E.1/51	
	Additional card inserted, card powered off	R99	1.3	C109	C109	C109	C109	E.1/51	
	No card inserted, card powered off	R99	1.4	C109	C109	C109	C109	E.1/51	
	Invalid card reader identifier	R99	1.5	C109	C109	C109	C109	E.1/51	
	Detachable reader	R99	2.1	C116	C116	C116	C116	E.1/51	
21	**POWER OFF CARD**								
	Additional card inserted	R99	1.1	C109	C109	C109	C109	E.1/50	
	No card inserted	R99	1.2	C109	C109	C109	C109	E.1/50	
	Detachable reader	R99	2.1	C116	C109	C109	C109	E.1/50	
22	**POWER ON CARD**								
	Additional card inserted	R99	1.1	C109	C109	C109	C109	E.1/49	
	No ATR	R99	1.2	C109	C109	C109	C109	E.1/49	
	No card inserted	R99	1.3	C109	C109	C109	C109	E.1/49	
	Detachable reader	R99	2.1	C116	C116	C116	C116	E.1/49	
23	**GET READER STATUS**								
	Additional card inserted, card powered	R99	1.1	C109	C109	C109	C109	E.1/52	
	Additional card inserted, card not powered	R99	1.2	C109	C109	C109	C109	E.1/52	
	Additional card inserted, card not present	R99	1.3	C109	C109	C109	C109	E.1/52	
	Detachable reader	R99	2.1	C116	C116	C116	C116	E.1/52	
24	**TIMER MANAGEMENT**								
	Start timer 1 several times, get the current value of the timer and deactivate the timer successfully	R99	1.1	M	M	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	R99	1.2	M	M	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	R99	1.3	M	M	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	R99	1.4	M	M	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	R99	1.5	M	M	M	M	E.1/57 AND E.1/58	
	Start 8 timers successfully	R99	1.6	M	M	M	M	E.1/57 AND E.1/58	

Item	Description	Re-lease	Test sequence (s)	Rel 99 ME	Rel-4 ME	Rel-5 ME	Rel-6 ME	Terminal Profile	Sup-port
25	**ENVELOPE TIMER EXPIRATION**								
	Pending proactive UICC command	R99	2.1	M	M	M	M	E.1/6 AND E.1/57	
	USIM application toolkit busy	R99	2.2	M	M	M	M	E.1/6 AND E.1/57 AND E.1/20	
26	**SET UP IDLE MODE TEXT**								
	Display idle mode text	R99	1.1	M	M	M	M	E.1/61 AND E.1/33 AND E.1/39	
	Replace idle mode text	R99	1.2	M	M	M	M	E.1/61 AND E.1/33 AND E.1/39	
	Remove idle mode test	R99	1.3	M	M	M	M	E.1/61 AND E.1/33 AND E.1/39	
	Competing information on ME display	R99	1.4	M	M	M	M	E.1/61 AND E.1/33 AND E.1/39	
	ME powered cycled	R99	1.5	M	M	M	M	E.1/61 AND E.1/33 AND E.1/39	
	Refresh with USIM initialization	R99	1.6	M	M	M	M	E.1/61 AND E.124 AND E.1/33 AND E.1/39	
	Large text string	R99	1.7	M	M	M	M	E.1/61 AND E.1/33 AND E.1/39	
	Followed by a Display Text	R99	1.8	M	M	M	M	E.1/61 AND E.1/33 AND E.1/39 AND E.1/17	
	Followed by a Play Tone	R99	1.9	M	M	M	M	E.1/61 AND E.1/33 AND E.1/39 AND E.1/21	
	Icons	R99	2.1, 2.2, 2.3, 2.4	C108	C108	C108	C108	E.1/61 AND E.1/39	
	UCS2 display	R99	3.1	C118	C118	C118	C118	E.1/61 AND E.1/15 AND E.1/39	
	Text attribute	Rel-5	4.1 to 4.10			C127	C127	E.1/61 AND E.1/33 AND E.1/39 AND E.1/124	
	Frames	Rel-6	TBD				C133	E.1/61 AND E.1/177 AND E.1/178	
27	**RUN AT COMMAND**								
	No alpha Identifier	R99	1.1	C110	C110	C110	C110	E.1/62	
	null data alpha identifier presented	R99	1.2	C110	C110	C110	C110	E.1/62	
	alpha identifier presented	R99	1.3	C110	C110	C110	C110	E.1/62	
	Icons	R99	2.1, 2.2, 2.3, 2.4, 2.5	C114	C114	C114	C114	E.1/62	
	Text attribute	Rel-5	3.1 to 3.10			C129	C129	E.1/62 AND E.1/124	
	Frames	Rel-6	TBD				C135	E.1/62 AND E.1/177 AND E.1/178	
28	**SEND DTMF**								
	Normal	R99	1.1	M	M	M	M	E.1/66	
	alpha identifier	R99	1.2, 1.3	M	M	M	M	E.1/66	
	Mobile is not in a speech call	R99	1.4	M	M	M	M	E.1/66	
	Icons	R99	2.1, 2.2, 2.3	C108	C108	C108	C108	E.1/66	
	UCS2 display	R99	3.1	C118	C118	C118	C118	E.1/66 AND E.1/15	
	Text attribute	Rel-5	4.1 to 4.10			C127	C127	E.1/66 AND E.1/124	
	Frames	Rel-6	TBD				C133	E.1/66 AND E.1/177 AND E.1/178	
29	**LANGUAGE NOTIFICATION**								

Item	Description	Re-leas e	Test sequence (s)	Rel 99 ME	Rel-4 ME	Rel-5 ME	Rel-6 ME	Terminal Profile	Sup-port
	Specific language notification	R99	1.1	M	M	M	M	E.1/70	
	Non specific language notification	R99	1.2	M	M	M	M	E.1/70	
30	**LAUNCH BROWSER**								
	No session already launched: Connect to the default URL	R99	1.1	C111	C111	C111	C111	E.1/71	
	connect to the specified URL, alpha identifier length=0	R99	1.2	C111	C111	C111	C111	E.1/71	
	Browser identity, no alpha identifier	R99	1.3	C111	C111	C111	C111	E.1/71	
	one bearer specified and gateway/proxy identity	R99	1.4	C122	C122	C122	C122	E.1/71 AND E.1/98	
	several bearers specified, gateway/proxy id specified	R99	1.5	C122	C122	C122	C122	E.1/71 AND E.1/98 AND E.1/97	
	Interaction with current session	R99	2.1, 2.2, 2.3	C111	C111	C111	C111	E.1/71	
	UCS2 display	R99	3.1	C117	C117	C117	C117	E.1/71 AND E.1/15	
	Icons	R99	4.1, 4.2	C115	C115	C115	C115	E.1/71	
	Text attribute	Rel-5	5.1 to 5.10			C130	C130	E.1/71 AND E.1/124	
	Frames	Rel-6	TBD				C136	E.1/71 AND E.1/177 AND E.1/178	
31	**OPEN CHANNEL**								
	Immediate link establishment, CSD, 9600 bps	R99	1.1, 1.2, 1.3, 1.4, 1.5, 1.6	C113	C113	C113	C113	E.1/89 AND E.1/97	
	immediate link establishment, CSD, 9600 bps, performed with modification	R99	1.7	C113	C113	C113	C113	E.1/89 AND E.1/97	
	immediate link establishment, CSD, Network currently unable to process command	R99	1.8	C113	C113	C113	C113	E.1/89 AND E.1/97	
	immediate link establishment, CSD, No channel available	R99	1.9	C113	C113	C113	C113	E.1/89 AND E.1/97	
	CSD, ME busy on call	R99	1.10	C113	C113	C113	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	C121	C121	C121	E.1/89 AND E.1/98	
	immediate link establishment GPRS, no alpha identifier, with network access name	R99	2.2	C121	C121	C121	C121	E.1/89 AND E.1/98	
	immediate link establishment, GPRS, with alpha identifier	R99	2.3	C121	C121	C121	C121	E.1/89 AND E.1/98	
	immediate link establishment, GPRS, with null alpha identifier	R99	2.4	C121	C121	C121	C121	E.1/89 AND E.1/98	
	immediate link establishment, GPRS, command performed with modifications (buffer size)	R99	2.5	C121	C121	C121	C121	E.1/89 AND E.1/98	
	immediate link establishment, GPRS, open command with alpha identifier, User did not accept the proactive command	R99	2.7	C121	C121	C121	C121	E.1/89 AND E.1/98	
	GPRS, ME busy on call	R99	2.8	C121	C121	C121	C121	E.1/89 AND E.1/98	
	Default bearer	R99	TBD	C121	C121	C121	C121	E.1/89 AND E.1/98 AND C132	
	Local Bearer	Rel-4	TBD	C132	C132	C132	C132	E.1/89 AND E.1/98 AND C132	
	Text attribute	Rel-5	5.1 to 5.10			C131	C131	E.1/89 AND E.1/98 AND E.1/124	
	Frames	Rel-6	TBD				C137	E.1/89 AND E.1/98 AND E.1/177 AND E.1/178	

Item	Description	Re-leas e	Test sequence (s)	Rel 99 ME	Rel-4 ME	Rel-5 ME	Rel-6 ME	Terminal Profile	Sup-port
32	**CLOSE CHANNEL**								
	successful	R99	1.1	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/89 AND E.1/90	
	with an invalid channel identifier	R99	1.2	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/89 AND E.1/90	
	on an already closed channel	R99	1.3	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/90	
	Text attribute	Rel-5	2.1 to 2.10			C131	C131	E.1/89 AND E.1/90 AND E.1/124	
	Frames	Rel-6	TBD				C137	E.1/89 AND E.1/98 AND E.1/177 AND E.1/178	
33	**RECEIVE DATA**								
	already opened channel	R99	1.1	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/89 AND E.1/91	
	Text attribute	Rel-5	2.1 to 2.10			C131	C131	E.1/89 AND E.1/91 AND E.1/124	
	Frames	Rel-6	TBD				C137	E.1/89 AND E.1/91 AND E.1/177 AND E.1/178	
34	**SEND DATA**								
	immediate mode	R99	1.1	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/89 AND E.1/92	
	Store mode	R99	1.2	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/89 AND E.1/92	
	Store mode, Tx buffer fully used	R99	1.3	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/89 AND E.1/92	
	2 consecutive SEND DATA Store mode	R99	1.4	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/89 AND E.1/92	
	immediate mode with a bad channel identifier	R99	1.5	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/89 AND E.1/92	
	immediate mode, Proactive UICC session terminated by the user	R99	1.6	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/89 AND E.1/92	
	Text attribute	Rel-5	2.1 to 2.10			C131	C131	E.1/89 AND E.1/92 AND E.1/124	
	Frames	Rel-6	TBD				C137	E.1/89 AND E.1/92 AND E.1/177 AND E.1/178	
35	**GET CHANNEL STATUS**								
	without any BIP channel opened	R99	1.1	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/93	
	with a BIP channel currently opened	R99	1.2	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/89 AND E.1/93	
	after a link dropped	R99	1.3	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/89 AND E.1/93	
36	**DATA DOWNLOAD TO UICC**								
37	**SMS-PP DATA DOWNLOAD**								
	General data coding, UICC responds with '90 00'	R99	1.1	M	M	M	M	E.1/2	
	UICC responds with '61 XX'	R99	1.2	M	M	M	M	E.1/2	
	More time	R99	1.3	M	M	M	M	E.1/2	

Item	Description	Re-leas e	Test sequence (s)	Rel 99 ME	Rel-4 ME	Rel-5 ME	Rel-6 ME	Terminal Profile	Sup-port
	8 bit alphabet	R99	1.4	M	M	M	M	E.1/2	
	Data coding / message class	R99	1.5, 1.6	M	M	M	M	E.1/2	
38	**SMS-CB DATA DOWNLOAD**				M	M	M		
	ME does not display message	R99	1.1	M	M	M	M	E.1/3	
	More time	R99	1.2	M	M	M	M	E.1/3 AND E.1/20	
	ME displays message	R99	1.3	M	M	M	M	E.1/3	
39	**CALL CONTROL BY USIM**				M	M	M		
	Procedure for MO calls (Cell identity in envelope call control)	R99	1.1 to 1.14	M	M	M	M	E.1/7 AND E.1/8 AND E.1/10 AND E.1/11 AND E.1/13 AND E.1/29 AND E.1/64	
	Procedure for SS (Cell identity in envelope call control)	R99	2.1, 2.2, 2.3, 2.4	M	M	M	M	E.1/7 AND E.1/8 AND E.1/10 AND E.1/11 AND E.1/13 AND E.1/64	
	Interaction with FDN (Cell identity in envelope call control)	R99	3.1, 3.2, 3.3, 3.5	M	M	M	M	E.1/7 AND E.1/8 AND E.1/10 AND E.1/11 AND E.1/13 AND E.1/64	
	BDN service enabled	R99	4.1	M	M	M	M	E.1/7 AND E.1/8 AND E.1/10 AND E.1/11 AND E.1/13 AND E.1/64	
	BDN service enabled, interaction with emergency call codes, R99 only	R99	4.2A	M				E.1/7 AND E.1/8 AND E.1/10 AND E.1/11 AND E.1/13 AND E.1/64	
	BDN service enabled, interaction with emergency call codes, Rel-4+	R99	4.2B		M	M	M	E.1/7 AND E.1/8 AND E.1/10 AND E.1/11 AND E.1/13 ND E.1/64	
	FDN and BDN enabled, set up a call in EFFDN, Allowed with modifications	R99	4.3	M	M	M	M	E.1/7 AND E.1/8 AND E.1/10 AND E.1/11 AND E.1/13 AND E.1/64	
	Call control on GPRS	Rel-5	TBD			C102	C102	E.1/98 AND E.1/7 AND E.1/8 AND E.1/10 AND E.1/11 AND E.1/13	
40	**EVENT DOWNLOAD**								
	27.22.7.1: MT call event	R99	1.1	M	M	M	M	E.1/34 AND E.1/33	
	27.22.7.2.1: call connected event	R99	1.1	M	M	M	M	E.1/35 AND E.1/33	
	27.22.7.2.2: ME supporting SET UP CALL	R99	2.1	M	M	M	M	E.1/35 AND E.1/29 AND E.1/33	
	27.22.7.3: call disconnected event	R99	1.1	M	M	M	M	E.1/36 AND E.1/33	
	27.22.7.4: location status event	R99	1.1	M	M	M	M	E.1/37 AND E.1/33	
	27.22.7.5: user activity event	R99	1.1	M	M	M	M	E.1/38 AND E.1/33	
	27.22.7.6: idle screen available event	R99	1.1	M	M	M	M	E.1/39 AND E.1/33	
	27.22.7.7.1: Card reader status normal	R99	1.1	C109	C109	C109	C109	E.1/40 AND E.1/33	
	27.22.7.7.2: Detachable card reader	R99	2.1	C116	C116	C116	C116	E.1/40 AND E.1/33	
	27.22.7.8: language selection event	R99	1.1	M	M	M	M	E.1/41 AND E.1/33	
	27.22.7.9: Browser termination event	R99	1.1	C111	C111	C111	C111	E.1/42 AND E.1/33	
	27.22.7.10: Data available event	R99	1.1	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/43 AND E.1/89 AND E.1/33	

Item	Description	Re-lease	Test sequence (s)	Rel 99 ME	Rel-4 ME	Rel-5 ME	Rel-6 ME	Terminal Profile	Sup-port
	27.22.7.11: Channel status event	R99	1.1	C113 AND C121	C113 AND C121	C113 AND C121	C113 AND C121	E.1/44 AND E.1/89 AND E.1/33	
	27.22.7.12: Access Technology change event	Rel-4	TBD		M	M	M	E.1/45 AND E.1/33	
	27.22.7.13: Display parameter changed event	Rel-4	TBD		M	M	M	E.1/46 AND E.1/33	
	27.22.7.14: Local connection event	Rel-4	TBD		M	M	M	E.1/47 AND E.1/33	
	27.22.7.15: Network search mode change event	Rel-6	TBD				M	E.1/48 AND E.1/33	
	27.22.7.16: Browsing status event	Rel-6	TBD				M	E.1/193 AND E.1/33	
	Frame information changed event	Rel-6	TBD				C137	E.1/195 AND E.1/177 AND E.1/178	
41	**MO SMS Control by USIM**								
	With proactive command, Allowed , no modification	R99	1.1	M	M	M	M	E1/12 AND E.1/26	
	With user SMS, Allowed , no modification	R99	1.2	M	M	M	M	E1/12	
	With proactive command, Not allowed	R99	1.3	M	M	M	M	E1/12 AND E.1/26	
	With user SMS, Not allowed	R99	1.4	M	M	M	M	E1/12	
	With proactive command, Allowed, with modifications	R99	1.5	M	M	M	M	E1/12 AND E.1/26	
	With user SMS, Allowed, with modifications	R99	1.6	M	M	M	M	E1/12	
	With Proactive command, the USIM responds with '90 00', Allowed, no modification	R99	1.7	M	M	M	M	E1/12 AND E.1/26	
	Send Short Message attempt by user, the USIM responds with '90 00', Allowed, no modification	R99	1.8	M	M	M	M	E1/12	
	Send Short Message attempt by user, the USIM responds with '93 00	R99	1.9	M	M	M	M	E1/12	
42	SERVICE SEARCH	Rel-4	TBD		M	M	M	E.1/94	
43	GET SERVICE INFORMATION	Rel-4	TBD		M	M	M	E.1/95	
44	DECLARE SERVICE	Rel-4	TBD		M	M	M	E.1/96	
45	RETRIEVE MULTIMEDIA MESSAGE	Rel-6	TBD				C134	E.1/173	
46	SUBMIT MULTIMEDIA MESSAGE	Rel-6	TBD				C134	E.1/173	
47	DISPLAY MULTIMEDIA MESSAGE	Rel-6	TBD				C134	E.1/173	
48~~7~~	SET FRAMES	Rel-6	TBD				C133	E.1/177 AND E.1/178	
49~~8~~	GET FRAME STATUS	Rel-6	TBD				C133	E.1/178 AND E.1/177	
50	Handling of command number								
	DISPLAY TEXT normal priority	R99	1.1	M	M	M	M	E.1/17	

Item	Description	Re-lease	Test sequence (s)	Rel 99 ME	Rel-4 ME	Rel-5 ME	Rel-6 ME	Terminal Profile	Sup-port
C101	IF A.1/1 THEN M ELSE N/A -- O_Cap_Conf								
C102	IF A.1/16 THEN M ELSE N/Avoid -- O_GPRS								
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 THEN M ELSE N/A -- O_LB AND O_GPRS								
C123	void								
C124	IF A.1/22, test x.A M ELSE x.B M (where x is the expected sequence number value) -- O_CP_Subaddr								
C125	IF A.1/23 THEN M ELSE N/A -- O_Imm_Resp								
C126	IF A.1/24 THEN M ELSE N/A -- O_Duration								
C127	IF A.1/25 THEN M ELSE N/A -- O_Text_Attrib								
C128	void								
C129	IF C110 AND C108 THEN M ELSE N/A -- O_Run_At AND O_Icons								
C130	IF C111 AND C108 THEN M ELSE N/A -- O_LB AND O_Icons								
C131	IF C121 AND C127 THEN M ELSE N/A -- O_ O_BIP_GPRS AND O_Text_Attrib								
C132	IF A.1/27 THEN M ELSE N/A -- O_BIP_Local								
C133	IF A.1/37 THEN M ELSE N/A -- O_Frames								
C134	IF A.1/38 THEN M ELSE N/A -- O_MMS								
C135	IF C110 AND C133 THEN M ELSE N/A -- O_Run_At AND O_Frames								
C136	IF C111 AND C133 THEN M ELSE N/A -- O_LB AND O_Frames								
C137	IF A.1/12 AND C133 THEN M ELSE N/A -- O_BIP AND O_Frames								
C138	IF A.1/39 THEN M ELSE N/A -- O_Tones								
C139	IF A.1/35 THEN M ELSE N/A -- O_Batt								
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	void								