3GPP TSG-T (Terminals) Meeting #25
Palm Springs, CA, USA
8 - 10 September 2004

TP-040179

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

This document contains the following change requests that are approved by 3GPP TSG T3 and forwarded to 3GPP TSG T#25 for approval:

Doc-2nd-Level	Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Work item
T3-040533	11.10-4	A076	-	R99	Essential corrections of Event Download test cases	F	8.8.0	8.9.0	TEI
T3-040567	11.10-4	A073	-	R99	Essential corrections	F	8.8.0	8.9.0	TEI
T3-040573	11.10-4	A072	-	R99	Clarification of call hang up in 27.22.4.5 Play Tone	F	8.8.0	8.9.0	TEI
T3-040574	11.10-4	A074	-	R99	Removal of misleading comment from Refresh SIM Reset tests	F	8.8.0	8.9.0	TEI
T3-040575	11.10-4	A075	-	R99	Correction of poll interval related tests	F	8.8.0	8.9.0	TEI

3GPP TSG-T3 Meeting #32
New York, USA, 10.-13.08.2004

Tdoc ⌘T3-040533
(revised T3-040456)

CR-Form-v7

CHANGE REQUEST

⌘ **11.10-4** **CR** **A076** ⌘ **rev** **-** ⌘ Current version: **8.8.0** ⌘

*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:	⌘	CR 11.10-4 R99: Essential corrections of Event Download test cases
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	12/08/2004
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)

Reason for change:	⌘	Correction of various errors and inconsistencies in Event Download test cases
Summary of change:	⌘	a) EVENT DOWNLOAD - CALL DISCONNECTED 1.1.2, 1.1.3, 1.1.4A and 1.1.4B: Incorrect event codings corrected b) EVENT DOWNLOAD - CALL DISCONNECTED 1.1.2B and 1.1.2C inserted, because a Cause TLV (with different codings of the extension bit) might be included in the envelope c) Second alternative of ENVELOPE: EVENT DOWNLOAD CALL DISCONNECTED 1.1.3 inserted, because according to 3GPP TS 22.008, clause 10.5.4.11 (Cause), it is allowed to code the extension bit in octet 3 as “0” or “1” d) 27.22.7.4.1.4.2, seq. 1.1 adjusted to avoid unpredictable behaviour when cell 1 is switched off and cell 2 is switched on
Consequences if not approved:	⌘	Tests can’t be performed correctly or MEs will fail the tests due to incorrect codings or inconstistencies between related data

Clauses affected:	⌘	27.22.7.3.1.4.2, 27.22.7.4.1.4.2

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

⌘

Other comments: ⌘

27.22.7.3.1.4.2 Procedure

Expected Sequence 1.1 (EVENT DOWNLOAD -CALL DISCONNECTED)

Step	Direction	Message / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1	[EVENT: Call Disconnected active]
4	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1	
5	SS → ME	SETUP	[incoming call] Ti=0
6	USER → ME	Accept Call Set Up	
7	SS → ME	DISCONNECT	[MT DISCONNECT]
8	ME→ SIM	ENVELOPE: CALL DISCONNECTED 1.1.1	
9	SS → ME	SETUP	[incoming call] Ti=0
10	USER → ME	Accept Call Set Up	
11	SS → ME	RELEASE	[MT RELEASE]
12	ME→ SIM	ENVELOPE: CALL DISCONNECTED 1.1.1	
13	SS → ME	SETUP	[incoming call] Ti=0
14	USER → ME	Accept Call Set Up	
15	SS → ME	RELEASE COMPLETE	[MT RELEASE COMPLETE]
16	ME→ SIM	ENVELOPE: CALL DISCONNECTED 1.1.1	
17	SS → ME	SETUP	[incoming call] Ti=0
18	USER → ME	Accept Call Set Up	
19	USER → ME	End Call	
20	ME → SS	DISCONNECT	[MO DISCONNECT]
21	ME → SIM	ENVELOPE: CALL DISCONNECTED 1.1.2A or ENVELOPE: CALL DISCONNECTED 1.1.2B or ENVELOPE: CALL DISCONNECTED 1.1.2C	
22	SS → ME	SETUP	[incoming call] Ti=0
23	USER → ME	Accept Call Set Up	
24	SS → ME	DISCONNECT	[MT DISCONNECT + CAUSE: normal call clearing]
25	ME→ SIM	ENVELOPE: CALL DISCONNECTED 1.1.3A Or ENVELOPE: CALL DISCONNECTED 1.1.3B	
26	SS → ME	SETUP	Ti=0
27	USER → ME	Accept Call Set Up	
28	SS	TX POWER to XX	[RADIO LINK FAILURE]
29	ME→ SIM	ENVELOPE: CALL DISCONNECTED 1.1.4A or 1.1.4B	

PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1

Logically:

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

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

Event list
- Event 1: Call Disconnected

Coding:

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

TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1

Logically:

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

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

Result
- General Result: Command performed successfully

Coding:

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

EVENT DOWNLOAD - CALL DISCONNECTED 1.1.1

Logically:

- Event list: Call Disconnected

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

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

Cause:

Coding:

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

EVENT DOWNLOAD - CALL DISCONNECTED 1.1.2A

Logically:

- Event list: Call Disconnected

Device identities
Source device: ME
Destination device: SIM
Transaction identifier:
Ti value: 0 (bit 5-7)
Ti flag: 1 (bit 8)

Coding:

BER-TLV:	D6	0A	19	01	0~~1~~2	82	02	82	81	1C	01	80

EVENT DOWNLOAD - CALL DISCONNECTED 1.1.2B

Logically:

Event list: Call Disconnected
Device identities
Source device: ME
Destination device: SIM
Transaction identifier:
Ti value: 0 (bit 5-7)
Ti flag: 1 (bit 8)
Cause: normal call clearing

Coding:

BER-TLV:	D6	0E	19	01	02	82	02	82	81	1C	01	80
	9A	02	60	90								

EVENT DOWNLOAD - CALL DISCONNECTED 1.1.2C

Logically:

Event list: Call Disconnected
Device identities
Source device: ME
Destination device: SIM
Transaction identifier:
Ti value: 0 (bit 5-7)
Ti flag: 1 (bit 8)
Cause: normal call clearing

Coding:

BER-TLV:	D6	0E	19	01	02	82	02	82	81	1C	01	80
	9A	02	E0	90								

EVENT DOWNLOAD - CALL DISCONNECTED 1.1.3A

Logically:

Event list: Call Disconnected
Device identities
Source device: Network
Destination device: SIM
Transaction identifier:
Ti value: 0 (bit 5-7)
Ti flag: 0 (bit 8)
Cause: normal call clearing

Coding:

BER-TLV:	D6	0E	19	01	0~~1~~2	82	02	83	81	1C	01	00
	9A	02	60	90								

EVENT DOWNLOAD - CALL DISCONNECTED 1.1.3B

Logically:

Event list: Call Disconnected
Device identities
Source device: Network
Destination device: SIM
Transaction identifier:
Ti value: 0 (bit 5-7)
Ti flag: 0 (bit 8)
Cause: normal call clearing

Coding:

BER-TLV:	D6	0E	19	01	02	82	02	83	81	1C	01	00
	9A	02	E0	90								

EVENT DOWNLOAD - CALL DISCONNECTED 1.1.4A

Logically:

Event list: Call Disconnected
Device identities
Source device: ~~Network~~ ME
Destination device: SIM
Transaction identifier:
Ti value: 0 (bit 5-7)
Ti flag: 1 (bit 8)
Cause: radio link failure

Coding:

BER-TLV:	D6	0C	19	01	0~~1~~2	82	02	8~~3~~2	81	1C	01	80
	9A	00										

EVENT DOWNLOAD - CALL DISCONNECTED 1.1.4B

Logically:

Event list: Call Disconnected
Device identities
Source device: ~~Network~~ ME
Destination device: SIM
Transaction identifier:
Ti value: 0 (bit 5-7)
Ti flag: 0 (bit 8)
Cause: radio link failure

Coding:

BER-TLV:	D6	0C	19	01	0~~1~~2	82	02	82~~3~~	81	1C	01	00
	9A	00										

27.22.7.4.1.4.1 Initial conditions

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

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

The GSM parameters of the system simulator are:

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

The PCS 1900 parameters of the system simulator are:

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

Two cells are defined. Cell 1 has location area code 1 and cell 2 has location area code 2.

MS is in service on Cell 1.

27.22.7.4.1.4.2 Procedure

Expected Sequence 1.1(EVENT DOWNLOAD -LOCATION STATUS)

Step	Direction	Message / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP EVENT LIST 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1	
4	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1	
5	SS	C~~ell 2 is switched on and c~~ell 1 is switched off	
6	ME → SIM	ENVELOPE: EVENT DOWNLOAD - Location Status 1.1.1	
7	SS	Cell 2 is switched on 5 seconds after cell 1 was switched off	
~~6~~8	ME	ME performs cell reselection to cell 2	
~~7~~9	ME → SS	Location Updating Request	
~~8~~9	SS → ME	Location updating accept	
~~9~~10	ME → SIM	ENVELOPE: EVENT DOWNLOAD - Location Status 1.1.2~~1~~A or ENVELOPE: EVENT DOWNLOAD - Location Status 1.1.~~1~~2B	[Option A shall apply for GSM parameters] [Option B shall apply for PCS1900 parameters] [NOTE: The inclusion of the location information is optional: (If location status indicates normal status)

PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1

Logically:

Command details
Command number: 1
Command type: SET UP EVENT LIST
Command qualifier: '00'
Device identities
Source device: SIM
Destination device: ME
Event list
Event 1: Location status

Coding:

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

TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1

Logically:

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

Coding:

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

EVENT DOWNLOAD - LOCATION STATUS 1.1.1

Logically:

Event list: Location status
Device identities
Source device: ME
Destination device: SIM
Location status: No service

Coding:

BER-TLV:	D6	0A	19	01	03	82	02	82	81	1B	01	02

EVENT DOWNLOAD - LOCATION STATUS 1.1.~~1~~2A

Logically:

Event list: Location status
Device identities
Source device: ME
Destination device: SIM
Location status: normal service

Location Information

MCC & MNC	the mobile country and network code (00F110)
LAC	the location Area Code (0002)
Cell ID	Cell Identity Value (000~~1~~2)

Coding:

BER-TLV:	D6	13	19	01	03~~2~~	82	02	82	81	1B	01	00
	13	07	00	F1	10	00	02	00	02~~1~~			

EVENT DOWNLOAD - LOCATION STATUS 1.1.~~1~~2B

Logically:

Event list:	Location status
Device identities	
Source device:	ME
Destination device:	SIM
Location status:	normal service
Location Information	
MCC & MNC	the mobile country and network code (001110)
LAC	the location Area Code (0002)
Cell ID	Cell Identity Value (000~~1~~2)

Coding:

BER-TLV:	D6	13	19	01	0~~2~~3	82	02	82	81	1B	01	00
	13	07	00	11	10	00	02	00	0~~1~~2			

3GPP TSG-T3 Meeting #32
New York, USA, 10.-13.08.2004

Tdoc ⌘T3-040567
(revised T3-040409)

CR-Form-v7

CHANGE REQUEST

⌘ **11.10-4** **CR** **A073** ⌘**rev** **-** ⌘ Current version: **8.8.0** ⌘

*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:	⌘	CR 11.10-4 R99: Essential corrections	
Source:	⌘	T3	
Work item code:	⌘	TEI	***Date:*** ⌘ 12/08/2004
Category:	⌘	**F**	***Release:*** ⌘ R99

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)

Reason for change: ⌘ Correction of various errors and inconsistencies in 3GPP TS 11.10-4

Summary of change: ⌘

a) 27.22.4.2.5.4.2 Get Inkey: Incorrect coding of text string in PROACTIVE COMMAND: GET INKEY 5.1.1 corrected

b) 27.22.4.3.6.4.2, Incorrect coding of PROACTIVE COMMAND: GET INPUT 6.4.1 corrected.

c) 27.22.4.12.1.4.2: Data coding scheme coding adjusted in RELEASE COMPLETE (SS RETURN RESULT) 1.1 and 1.3 to be consistent with the DCS coding of the corresponding terminal response

d) 27.22.4.16.1.4.2: ENVELOPE: EVENT DOWNLOAD CALL CONNECTED 1.1.1: Source device corrected, because the call is connected at the near end.

e) 27.22.4.16.1.4.2: Expected sequence 1.2: Second alternative of ENVELOPE: EVENT DOWNLOAD CALL DISCONNECTED 1.2.2 inserted, because the according to 3GPP TS 22.008, clause 10.5.4.11 (Cause), it is allowed to code the extension bit in octet 3 as “0” or “1”

f) 27.22.4.22.1.4.2, Correction of wrong numbering of a proactive command in expected sequences 1.4 and 1.6

Consequences if not approved: ⌘ Various test can’t be performed correctly or MEs will fail the tests due to incorrect codings or inconstistencies between related data

Clauses affected:	⌘	27.22.4.2.5.4.2, 27.22.4.3.6.4.2, 27.22.4.12.1.4.2, 27.22.4.12.3.4.2, 27.22.4.16.1.4.2, 27.22.4.22.1.4.2			
		Y	**N**		
Other specs affected:	⌘		**N**	Other core specifications	⌘
			N	Test specifications	
			N	O&M Specifications	
Other comments:	⌘				

27.22.4.2.5.4.2 Procedure

Expected Sequence 5.1(GET INKEY, "Yes/No" Response for the input, successful)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: GET INKEY 5.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: GET INKEY 5.1.1	["Yes/No" Response, no help information available]
4	ME → USER	Display "Enter YES "	Text string coding in unpacked format
5	USER → ME	Choice "Yes" and Completion	
6	ME → SIM	TERMINAL RESPONSE: GET INKEY 5.1.1	[command performed successfully] Check if it is in accordance with the user choice (value '01' in the Text String data object)
7	SIM → ME	PROACTIVE COMMAND PENDING: GET INKEY 5.1.2	
8	ME → SIM	FETCH	
9	SIM → ME	PROACTIVE COMMAND: GET INKEY 5.1.2	["Yes/No" Response, no help information available]
10	ME → USER	Display "Enter NO:"	Text string coding in unpacked format
11	USER → ME	Choice "No" and Completion	
12	ME → SIM	TERMINAL RESPONSE: GET INKEY 5.1.2	[command performed successfully] Check if it is in accordance with the user choice (value '00' in the Text String data object)

PROACTIVE COMMAND: GET INKEY 5.1.1

Logically:

Command details
- Command number: 1
- Command type: GET INKEY
- Command qualifier: "Yes/No" Response, no help information available

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

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

Coding:

BER-TLV:	D0	15	81	03	01	22	04	82	02	81	82	8D
	0A	04	45	6E	74	65	72	20	59	45	453	

[..]

27.22.4.3.6.4.2 Procedure

[..]

Expected Sequence 6.4A (GET INPUT, Colour icon, non self-explanatory, successful)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: GET INPUT 6.4.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: GET INPUT 6.4.1	[COLOUR-ICON non self-explanatory for the Text string]
4	ME → USER	Display "<COLOUR-ICON>" and Display the COLOUR-ICON for the prompt	Text string coding in unpacked format
5	USER → ME	Enter the input "+" and completion	
6	ME → SIM	TERMINAL RESPONSE: GET INPUT 6.4.1A	[Command performed successfully]

PROACTIVE COMMAND: GET INPUT 6.4.1

Logically:

Command details
- Command number: 1
- Command type: GET INPUT
- Command qualifier: digits (0-9, *, # and +) only, no help information available

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

Text String
- Data coding scheme: unpacked, 8 bit data
- Text: "<COLOUR-ICON>"

Response length
- Minimum length: 0
- Maximum length: 10

Icon Identifier
- Icon qualifier: not self-explanatory
- Icon identifier: 2 (number of record in EF_{Img})

Coding:

BER-TLV:	D0	21~~D~~	81	03	01	23	00	82	02	81	82	8D
	0A0 E	04	3C	4~~E~~3	4F	4C2 ~~D~~	~~49~~4F	~~43~~55	~~4F~~52	2D4 ~~E~~	~~3E~~49	~~91~~43
	~~02~~4F	~~00~~4E	~~0A~~3 E	~~1E~~91	~~02~~02	~~01~~00	~~02~~0A	1E	02	01	02	

[..]

27.22.4.12.1.4.2 Procedure

Expected Sequence 1.1 (SEND USSD, 7-bit data, successful)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SEND USSD 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SEND USSD 1.1.1	
4	ME → USER	Display "7-bit USSD"	
5	ME → SS	REGISTER 1.1	
6	SS → ME	RELEASE COMPLETE (SS RETURN RESULT) 1.1	["USSD string received from SS"]
7	ME → SIM	TERMINAL RESPONSE: SEND USSD 1.1.1	

[..]

RELEASE COMPLETE (SS RETURN RESULT) 1.1

Logically (only from USSD result):

ProcessUnstructuredSS-Request RETURN RESULT
USSD-DataCodingScheme:
- 7-bit default, no message class

USSD string:
- "USSD string received from SS"

Coding:

BER-TLV	30	1E	04	01	~~F~~00	04	19	D5	E9	94	08	9A
	D3	E5	69	F7	19	24	2F	8F	CB	69	7B	99
	0C	32	CB	DF	6D	D0	74	0A				

TERMINAL RESPONSE: SEND USSD 1.1.1

Logically:

Command details
Command number: 1
Command type: SEND USSD
Command qualifier: "00"
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Command performed successfully
Text String
Data coding scheme: 7-bit default, no message class
String: "USSD string received from SS"

Coding:

BER-TLV:	81	03	01	12	00	82	02	82	81	83	01
	00	8D	1A	00	D5	E9	94	08	9A	D3	E5
	69	F7	19	24	2F	8F	CB	69	7B	99	0C
	32	CB	DF	6D	D0	74	0A				

[..]

27.22.4.12.3.4.2 Procedure

Expected Sequence 3.1 (SEND USSD, 7-bit data, successful, UCS2 text)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SEND USSD 3.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SEND USSD 3.1.1	
4	ME → USER	Display "ЗДРАВСТВУЙТЕ"	["Hello" in Russian]
5	ME → SS	REGISTER 3.1	
6	SS → ME	RELEASE COMPLETE (SS RETURN RESULT) 3.1	[Successful]
7	ME → SIM	TERMINAL RESPONSE: SEND USSD 3.1.1	[Command performed successfully]

[..]

RELEASE COMPLETE (SS RETURN RESULT) 3.1

Logically (only from USSD result):

ProcessUnstructuredSS-Request RETURN RESULT
USSD-DataCodingScheme:
- 7-bit default, no message class
USSD String:
- "USSD string received from SS"

Coding:

BER-TLV	30	1E	04	01	~~F~~00	04	19	D5	E9	94	08	9A
	D3	E5	69	F7	19	24	2F	8F	CB	69	7B	99
	0C	32	CB	DF	6D	D0	74	0A				

TERMINAL RESPONSE: SEND USSD 3.1.1

Logically:

Command details
Command number: 1
Command type: SEND USSD
Command qualifier: "00"
Device identities
Source device: ME
Destination device: SIM
Result
General Result: Command performed successfully
Text String
Data coding scheme: 7-bit default, no message class
String: "USSD string received from SS"

Coding:

BER-TLV:	81	03	01	12	00	82	02	82	81	83	01
	00	8D	1A	00	D5	E9	94	08	9A	D3	E5
	69	F7	19	24	2F	8F	CB	69	7B	99	0C
	32	CB	DF	6D	D0	74	0A				

27.22.4.16.1.4.2 Procedure

Expected Sequence 1.1 (SET UP EVENT LIST, Set Up Call Connect Event)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP EVENT LIST 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.1.1	
4	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.1.1	
5	SIM → ME	PROACTIVE SIM SESSION ENDED	
6	SS → ME	SETUP 1.1.1	[Incoming call alert]
7	USER → ME	User shall accept the incoming call	
8	ME → SS	CONNECT 1.1.1	
9	ME → SIM	ENVELOPE: EVENT DOWNLOAD CALL CONNECTED 1.1.1	[Call Connected Event]
10	SIM → ME	PROACTIVE SIM SESSION ENDED	

[..]

SET UP 1.1.1

Logically:

Transaction identifier
Ti value: 0 (bit 5-7)
Address
TON: "Unknown"
NPI: "ISDN/ telephone numbering plan"
Dialling number string: "9876"

CONNECT 1.1.1

Logically:

Transaction identifier
Ti value: 0 (bit 5-7)
Ti flag: 1 (bit 8)

ENVELOPE: EVENT DOWNLOAD CALL CONNECTED 1.1.1

Logically

Event list
Event 1: Call Connected
Device identities
Source device: ~~Network~~ME
Destination device: SIM
Transaction identifier
Ti value: 0 (bit 5-7)
Ti flag: 1 (bit 8)

Coding:

BER-TLV:	D6	0A	99	01	01	82	02	82~~3~~	81	9C	01	80

Expected Sequence 1.2 (SET UP EVENT LIST, Replace Event)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP EVENT LIST 1.2.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.2.1	[Call Connected and Call Disconnected Events]
	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.2.1	
4	SIM → ME	PROACTIVE COMMAND PENDING: SET UP EVENT LIST 1.2.2	
5	ME → SIM	FETCH	
6	SIM → ME	PROACTIVE COMMAND: SET UP EVENT LIST 1.2.2	[Call Disconnected Event]
7	ME → SIM	TERMINAL RESPONSE: SET UP EVENT LIST 1.2.2	
8	SIM → ME	PROACTIVE SIM SESSION ENDED	
10	SS → ME	SETUP 1.2.2	[Incoming call alert]
11	USER → ME	User shall accept the incoming call	
12	ME → SS	CONNECT 1.2.2	
13	SS → ME	DISCONNECT 1.2.2	
	ME → SIM	ENVELOPE: EVENT DOWNLOAD CALL DISCONNECT 1.2.2A or ENVELOPE: EVENT DOWNLOAD CALL DISCONNECT 1.2.2B	[Call Disconnect Event]
14	SIM → ME	PROACTIVE SIM SESSION ENDED	

[..]

ENVELOPE: EVENT DOWNLOAD CALL DISCONNECTED 1.2.2A

Logically:

Event list
Event 1: Call Disconnected
Device identities
Source device: Network
Destination device: SIM
Transaction identifier
Ti value: 0 (bit 5-7)
Ti flag: 0 (bit 8)
Cause
Value: Normal call clearing

Coding:

BER-TLV:	D6	0E	99	01	02	82	02	83	81	9C	01	00
	9A	02	60	90								

ENVELOPE: EVENT DOWNLOAD CALL DISCONNECTED 1.2.2B

Logically:

Event list
Event 1: Call Disconnected
Device identities
Source device: Network

Destination device: SIM
Transaction identifier
Ti value: 0 (bit 5-7)
Ti flag: 0 (bit 8)
Cause
Value: Normal call clearing

Coding:

BER-TLV:	D6	0E	99	01	02	82	02	83	81	9C	01	00
	9A	02	E0	90								

27.22.4.22.1.4.2 Procedure

[..]

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

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP IDLE MODE TEXT 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP IDLE MODE TEXT 1.1.12	["Idle Mode Text"]
4	ME → SIM	TERMINAL RESPONSE: SET UP IDLE MODE TEXT 1.1.12	[Command performed successfully]
5	USER → ME	Select idle screen	Only if idle screen not already available
6	ME → USER	Display "Idle Mode Text"	
7	SS → ME	SMS PP 1.4.1	[Display immediate SMS]
8	ME → USER	Display "Short Message"	
9	USER → ME	Clear display and select idle screen	
10	ME → USER	Display "Idle Mode Text"	
11	SIM → ME	PROACTIVE COMMAND PENDING: DISPLAY TEXT 1.4.1	
12	ME → SIM	FETCH	
13	SIM → ME	PROACTIVE COMMAND: DISPLAY TEXT 1.4.1	[Normal priority, wait for user to clear message, unpacked, 8 bit data]
14	ME → USER	Display "Toolkit Test 1"	
15	USER → ME	Clear Message	
16	ME → SIM	TERMINAL RESPONSE: DISPLAY TEXT 1.4.1	[Command performed successfully]
17	ME → USER	Display "Idle Mode Text"	
18	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.4.1	
19	ME → SIM	FETCH	
20	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.4.1	
21	ME → USER	Display "Dial Tone" Play a standard supervisory dial tone through the external ringer for a duration of 5 s	
22	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.4.1	[Command performed successfully]
23	SIM → ME	PROACTIVE SIM SESSION ENDED	
24	ME → USER	Display "Idle Mode Text"	

[..]

Expected Sequence 1.6 (SET UP IDLE MODE TEXT, REFRESH with SIM Initialization)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP IDLE MODE TEXT 1.1.1	[Idle Mode Text]
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SET UP IDLE MODE TEXT 1.1.~~2~~1	
4	ME → SIM	TERMINAL RESPONSE: SET UP IDLE MODE TEXT 1.1.~~2~~1	
5	USER → ME	Select idle screen	Only if idle screen not already available
6	ME → USER	Display "Idle Mode Text"	
7	SIM → ME	PROACTIVE COMMAND PENDING: REFRESH 1.6.1	
8	ME → SIM	FETCH	
9	SIM → ME	PROACTIVE COMMAND: REFRESH 1.6.1	[SIM Initialization]
10	ME ⇔ SIM	SIM INITIALIZATION	
11	USER → ME	Select idle screen	Only if idle screen not already available
12	ME → USER	Display idle screen / "Idle Mode Text" not to be displayed	
13	ME → SIM	TERMINAL RESPONSE: REFRESH 1.6.1A or TERMINAL RESPONSE: REFRESH 1.6.1B	[Command performed successfully] [Command performed successfully with additional files read]
14	SIM → ME	PROACTIVE SIM SESSION ENDED	

[..]

3GPP TSG T WG3 Meeting #32
New York, USA, 10th – 13th August 2004

T3-040573

CR-Form-v7

CHANGE REQUEST

⌘ **11.10-4** **CR** **A072** ⌘ **rev** **-** ⌘ Current version: **8.8.0** ⌘

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

Proposed change affects: UICC apps⌘ ☐ ME ☐ Radio Access Network ☐ Core Network ☐

Title:	⌘	CR 11.10-4 R99: Clarification of call hang up in 27.22.4.5 Play Tone
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	12/08/2004
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)

Reason for change:	⌘	In 27.22.4.5, expected sequence 1.1, a call is set up in test step 49, in order to test that in step 54 the tone is correctly superimposed on the audio downlink. In the rest of the test steps no reference is made to the call, but the call is not specifically terminated.
Summary of change:	⌘	A new test step is introduced to specifically terminate the call.
Consequences if not approved:	⌘	Terminals which terminates the call during the remaining test may unfairly fail the test.

Clauses affected:	⌘	27.22.4.5.4.2

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

Other comments: ⌘

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm.
Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

27.22.4.5 PLAY TONE

27.22.4.5.1 Definition and applicability

See clause 3.2.2.

27.22.4.5.2 Conformance requirement

The ME shall support the PLAY TONE command as defined in:

- 3GPP TS 11.14 [15] clause 6.1, clause 6.4.5, clause 6.6.5, clause 5.2, clause 12.6, clause 12.7, clause 12.2, clause 12.16 and clause 12.8.

27.22.4.5.3 Test purpose

To verify that the ME plays an audio tone of a type and duration contained in the PLAY TONE proactive SIM command, and returns a successful response in the TERMINAL RESPONSE command sent to the SIM.

To verify that the ME plays the requested audio tone through the external ringer whilst not in call and shall superimpose the tone on top of the downlink audio whilst in call.

To verify that the ME displays the text contained in the PLAY TONE proactive SIM command.

27.22.4.5.4 Method of test

27.22.4.5.4.1 Initial conditions

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

The elementary files are coded as Toolkit default.

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

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

27.22.4.5.4.2 Procedure

Expected Sequence 1.1 (PLAY TONE)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.1	
4	ME → USER	Display "Dial Tone" Play a standard supervisory dial tone through the external ringer for a duration of 5 s	
5	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.1	[Command performed successfully]
6	SIM → ME	PROACTIVE SIM SESSION ENDED	
7	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.2	
8	ME → SIM	FETCH	
9	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.2	

Step	Direction	MESSAGE / Action	Comments
10	ME → USER	Display "Sub. Busy" Play a standard supervisory called subscriber busy tone for a duration of 5 s	
11	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.2	[Command performed successfully]
12	SIM → ME	PROACTIVE SIM SESSION ENDED	
13	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.3	
14	ME → SIM	FETCH	
15	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.3	
16	ME → USER	Display "Congestion" Play a standard supervisory congestion tone for a duration of 5 s	
17	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.3	[Command performed successfully]
18	SIM → ME	PROACTIVE SIM SESSION ENDED	
19	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.4	
20	ME → SIM	FETCH	
21	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.4	
22	ME → USER	Display "RP Ack" Play a standard supervisory radio path acknowledgement tone	
23	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.4	[Command performed successfully]
24	SIM → ME	PROACTIVE SIM SESSION ENDED	
25	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.5	
26	ME → SIM	FETCH	
27	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.5	
28	ME → USER	Display "No RP" Play a standard supervisory radio path not available / call dropped tone for a duration of 5 s	
29	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.5	[Command performed successfully]
30	SIM → ME	PROACTIVE SIM SESSION ENDED	
31	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.6	
32	ME → SIM	FETCH	
33	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.6	
34	ME → USER	Display "Spec Info" Play a standard supervisory error / special information tone for a duration of 5 s	
35	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.6	[Command performed successfully]
36	SIM → ME	PROACTIVE SIM SESSION ENDED	
37	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.7	
38	ME → SIM	FETCH	

Step	Direction	MESSAGE / Action	Comments
39	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.7	
40	ME → USER	Display "Call Wait" Play a standard supervisory call waiting tone for a duration of 5 s	
41	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.7	[Command performed successfully]
42	SIM → ME	PROACTIVE SIM SESSION ENDED	
43	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.8	
44	ME → SIM	FETCH	
45	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.8	
46	ME → USER	Display "Ring Tone" Play a standard supervisory ringing tone for duration of 5 s	
47	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.8	[Command performed successfully]
48	SIM → ME	PROACTIVE SIM SESSION ENDED	
49	USER → ME	Set up a voice call	[User dials 123456789 to connect to the network manually]
50	ME → Network	Establish voice call	[Voice call is established]
51	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.9	
52	ME → SIM	FETCH	
53	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.9	
54	ME → USER	Display "Dial Tone" Superimpose the standard supervisory dial tone on the audio downlink for the duration of 5 s	
55	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.9	[Command performed successfully]
56	SIM → ME	PROACTIVE SIM SESSION ENDED	
57	USER → ME	The user ends the call	
587	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.10	
598	ME → SIM	FETCH	
6059	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.10	
610	ME → USER	Display "This command instructs the ME to play an audio tone. Upon receiving this command, the ME shall check if it is currently in, or in the process of setting up (SET-UP message sent to the network, see GSM"04.08"(8)), a speech call. - If the ME I" Play a general beep	
621	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.10a or TERMINAL RESPONSE: PLAY TONE 1.1.10b	[Command performed successfully] or [Command beyond ME's capabilities]
632	SIM → ME	PROACTIVE SIM SESSION ENDED	
643	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.11	
654	ME → SIM	FETCH	

Step	Direction	MESSAGE / Action	Comments
6~~5~~	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.11	
6~~6~~	ME → USER	Display "Beep" Play a ME proprietary general beep	
6~~7~~	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.11a Or TERMINAL RESPONSE: PLAY TONE 1.1.11b	[Command performed successfully] or [Command beyond ME's capabilities]
6~~8~~	SIM → ME	PROACTIVE SIM SESSION ENDED	
70~~69~~	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.12	
7~~0~~	ME → SIM	FETCH	
7~~1~~	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.12	
7~~2~~	ME → USER	Display "Positive" Play a ME proprietary positive acknowledgement tone	
7~~3~~	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.12a or TERMINAL RESPONSE: PLAY TONE 1.1.12b	[Command performed successfully] or [Command beyond ME's capabilities]
7~~4~~	SIM → ME	PROACTIVE SIM SESSION ENDED	
7~~5~~	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.13	
7~~6~~	ME → SIM	FETCH	
7~~7~~	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.13	
7~~8~~	ME → USER	Display "Negative" Play a ME proprietary negative acknowledgement tone	
80~~79~~	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.13a or TERMINAL RESPONSE: PLAY TONE 1.1.13b	[Command performed successfully] or [Command beyond ME's capabilities]
8~~0~~	SIM → ME	PROACTIVE SIM SESSION ENDED	
8~~1~~	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.14	
8~~2~~	ME → SIM	FETCH	
8~~3~~	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.14	
8~~4~~	ME → USER	Display "Quick" Play a ME proprietary general beep	
8~~5~~	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.14a or TERMINAL RESPONSE: PLAY TONE 1.1.14b	[Command performed successfully] or [Command beyond ME's capabilities]
8~~6~~	SIM → ME	PROACTIVE SIM SESSION ENDED	
8~~7~~	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.15	
8~~8~~	ME → SIM	FETCH	
90~~89~~	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.15	

Step	Direction	MESSAGE / Action	Comments
910	ME → USER	Display "<ABORT>" Play a ME Error / Special information tone for 1 minute until user aborts this command	
921	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.15	[Proactive SIM session terminated by the user]
932	SIM → ME	PROACTIVE SIM SESSION ENDED	
943	SIM → ME	PROACTIVE COMMAND PENDING: PLAY TONE 1.1.16	
954	ME → SIM	FETCH	
965	SIM → ME	PROACTIVE COMMAND: PLAY TONE 1.1.16	[No alpha identifier, no tone tag, no duration tag]
976	ME → User	ME plays general beep, or if not supported any (defined by ME-manufacturer) other supported tone	[ME uses default duration defined by ME-manufacturer]
987	ME → SIM	TERMINAL RESPONSE: PLAY TONE 1.1.16	[Command performed successfully], [ME uses general beep, or if not supported any (defined by ME-manufacturer) other supported tone, uses default duration defined by ME-manufacturer]
998	SIM → ME	PROACTIVE SIM SESSION ENDED	

3GPP TSG-T3 Meeting #32
New York, USA. 10-13 August, 2004

Tdoc ⌘T3-040574

CR-Form-v7

CHANGE REQUEST

⌘ **11.10-4** **CR** A074 ⌘**rev** **-** ⌘ Current version: **8.8.0** ⌘

*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:	⌘	CR 11.10-4 R99: Removal of misleading comment from Refresh SIM Reset tests
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	12/08/2004
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	The comment implies that the ME shall reactivate the card at the same voltage whereas TS11.14 states that it shall only do this if the ME can ensure the card has not been changed.
Summary of change:	⌘	Removal of comment
Consequences if not approved:	⌘	MEs that cannot ensure that the SIM has not been changed would unfairly fail the test in expected sequences 1.5 and 2.3.

Clauses affected:	⌘	27.22.4.7.1.4.2 & 27.22.4.7.2.4.2

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

Other comments: ⌘

27.22.4.7.1.4.2 Procedure

[..]

Expected Sequence 1.5 (REFRESH, SIM Reset)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: REFRESH 1.5.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: REFRESH 1.5.1	
4	ME → SIM	GSM Termination Procedure	
5	ME → SIM	GSM Activation Procedure	~~[At same voltage]~~
6	ME → SIM	SIM Initialization	
7	ME → SIM		[NO TERMINAL RESPONSE]

PROACTIVE COMMAND: REFRESH 1.5.1

Logically:

Command details
- Command number: 1
- Command type: REFRESH
- Command qualifier: SIM Reset

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

Coding:

BER-TLV:	D0	09	81	03	01	01	04	82	02	81	82	

[..]

27.22.4.7.2.4.2 Procedure

[..]

Expected Sequence 2.3 (REFRESH, SIM Reset)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: REFRESH 2.3.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: REFRESH 2.3.1	
4	SIM	Update EF IMSI	[Update the contents of EF IMSI to "001010123456786
5	ME → SIM	GSM Termination Procedure	
6	ME → SIM	GSM Activation Procedure	~~[At same voltage]~~
7	ME → SIM	SIM Initialization	[ME performs SIM initialization; including reading EF IMSI, EF LOCI and EF KC]
8	ME → SS	IMSI ATTACH	[Send IMSI of "001010123456786" to System Simulator]

PROACTIVE COMMAND: REFRESH 2.3.1

Logically:

Command details

Command number: 1
Command type: REFRESH
Command qualifier: SIM Reset
Device identities
Source device: SIM
Destination device: ME

Coding:

BER-TLV:	D0	09	81	03	01	01	04	82	02	81	82

3GPP TSG-T3 Meeting #32
New York, USA, 10.-13.08.2004

Tdoc ⌘T3-040575

CR-Form-v7

CHANGE REQUEST

⌘ **11.10-4** **CR** **A075** ⌘**rev** **-** ⌘ Current version: **8.8.0** ⌘

*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:	⌘	CR 11.10-4 R99: Correction of poll interval related tests
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	12/08/2004
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	No requirement to supported all requested poll intervals
Summary of change:	⌘	Poll Interval and Polling Off tests adjusted to clarify that MEs may use a poll interval different to the requested one if this is not supported by the ME
Consequences if not approved:	⌘	MEs that don't support the poll interval requested by the SIM will unfairly fail the tests

Clauses affected:	⌘	27.22.4.6.4.2, 27.22.4.14.4.2

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

Other comments: ⌘

27.22.4.6 POLL INTERVAL

[..]

27.22.4.6.4.2 Procedure

Expected Sequence 1.1 (POLL INTERVAL, Seconds)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: POLL INTERVAL 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: POLL INTERVAL 1.1.1	[Duration: 20 seconds]
4	ME → SIM	TERMINAL RESPONSE: POLL INTERVAL 1.1.1	[Command performed successfully, duration depends on the ME's capabilities]
5	ME → SIM	ME polls in intervals ~~of 20 seconds~~as stated in the duration TLV of TERMINAL RESPONSE: POLL INTERVAL 1.1.1	

PROACTIVE COMMAND: POLL INTERVAL 1.1.1

Logically:

Command details
- Command number: 1
- Command type: POLL INTERVAL
- Command qualifier: "00"

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

Duration
- Time unit: Seconds
- Time interval: 20

Coding:

BER-TLV:	D0	0D	81	03	01	03	00	82	02	81	82	84
	02	01	14									

TERMINAL RESPONSE: POLL INTERVAL 1.1.1

Logically:

Command details
- Command number: 1
- Command type: POLL INTERVAL
- Command qualifier: "00"

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

Result
- General Result: Command performed successfully

Duration
- Time unit: Seconds
- Time interval: 20

Coding:

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

	84	02	01	14								

NOTE: If the requested poll interval is not supported by the ME, the ME is allowed to use a different one as stated in 3GPP TS 11.14 [13], subclause 6.4.6.

27.22.4.14 POLLING OFF

[..]

27.22.4.14.4.2 Procedure

Expected Sequence 1.1 (POLLING OFF)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: POLLING INTERVAL 1.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: POLL INTERVAL 1.1.1	Interval = 1 min
4	ME → SIM	TERMINAL RESPONSE: POLL INTERVAL 1.1.1 A or TERMINAL RESPONSE: POLL INTERVAL 1.1.1B	[command performed successfully, duration depends on the ME's capabilities]
5	SIM → ME	PROACTIVE COMMAND PENDING: POLLING OFF 1.1.2	
6	ME → SIM	FETCH	
7	SIM → ME	PROACTIVE COMMAND: POLLING OFF 1.1.2	
8	ME → SIM	TERMINAL RESPONSE: POLLING OFF 1.1.2	[command performed successfully]
9	USER → SIM	Call to be set up	
10	ME → SIM	Periods of inactivity on the SIM-ME interfaceshall not exceed 30 seconds	
11	USER → SIM	Call to be terminated 3 minutes after call setup	

PROACTIVE COMMAND: POLL INTERVAL 1.1.1

Logically:

Command details
- Command number: 1
- Command type: POLL INTERVAL
- Command qualifier: "00"

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

Duration
- Time unit: Minutes
- Time interval: 1

Coding:

BER-TLV:	D0	0D	81	03	01	03	00	82	02	81	82	84
	02	00	01									

TERMINAL RESPONSE: POLL INTERVAL 1.1.1A

Logically:

Command details
- Command number: 1
- Command type: POLL INTERVAL
- Command qualifier: "00"

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

Result
- General Result: Command performed successfully

Duration
- Time unit: Minutes
- Time interval: 1

Coding:

BER-TLV:	81	03	01	03	00	82	02	82	81	83	01	00
	84	02	00	01								

TERMINAL RESPONSE: POLL INTERVAL 1.1.1B

Logically:

Command details
- Command number: 1
- Command type: POLL INTERVAL
- Command qualifier: "00"

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

Result
- General Result: Command performed successfully

Duration
- Time unit: Seconds
- Time interval: 60

Coding:

BER-TLV:	81	03	01	03	00	82	02	82	81	83	01	00
	84	02	01	3C								

NOTE: If the requested poll interval is not supported by the ME, the ME is allowed to use a different one as stated in 3GPP TS 11.14 [13], subclause 6.4.6.

PROACTIVE COMMAND: POLLING OFF 1.1.2

Logically:

Command details
- Command number: 1
- Command type: POLLING OFF
- Command qualifier: "00"

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

Coding:

BER-TLV:	D0	09	81	03	01	04	00	82	02	81	82

TERMINAL RESPONSE: POLLING OFF 1.1.2

Logically:

Command details
- Command number: 1
- Command type: POLLING OFF
- Command qualifier: "00"

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

Result
- General Result: Command performed successfully

Coding:

BER-TLV:	81	03	01	04	00	82	02	82	81	83	01	00