CR-Form-v7

CHANGE REQUEST

| ⌘ | **34.123-3 CR** | | ⌘**rev** | **-** | ⌘ | Current version: | **3.4.0** | ⌘ |

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: ⌘	Updating Annex A	
Source: ⌘	MCC	
Work item code:⌘	TEI	*Date:* ⌘ 4/03/2004
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: ⌘	Updating the approved test case list and the version references.
Summary of change:⌘	The ATS lists and the referred prose test specs and TTCN ATS versions are updated.
Consequences if not approved: ⌘	The new approved test cases would not be in the list. The test cases included in V350 would not have a correct references. It could have an impact on the test case validation process.

Clauses affected: ⌘	Annex A

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

Other comments: ⌘	

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/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.

Annex A (normative):
Abstract Test Suites (ATS)

This annex contains the approved ATSs.

The ATSs have been produced using the Tree and Tabular Combined Notation (TTCN) according to TR 101 666 [**Error! Reference source not found.**].

The ATSs were developed on a separate TTCN software tool and therefore the TTCN tables are not completely referenced in the table of contents. Each ATS contains a test suite overview part which provides additional information and references.

Annex A (normative): Abstract Test Suites (ATS)

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The ATSs have been produced using the Tree and Tabular Combined Notation (TTCN) according to TR 101 666 [**Error! Reference source not found.**].

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A.1 Version of specifications

Table A.1 shows the version of the test specifications which the delivered ATSs are referred to.

Table A.1: Versions of the test and Core specifications

Core specifications	3GPP TS 25.331 [21] (V3.e.0)
Test specifications	3GPP TS 34.123-1 [1] (V5.76.0)
	3GPP TS 34.123-2 [**Error! Reference source not found.**] (V5.76.0)
	3GPP TS 34.108 [**Error! Reference source not found.**] (V3.fe.0)
	3GPP TS 34.109 [**Error! Reference source not found.**] (V3.9.0)

A.2 NAS ATS

The approved NAS test cases are listed.

Table A.2: NAS TTCN test cases

Test case	Description
	MM
9.1	TMSI reallocation
9.2.1	Authentication accepted
9.2.2	Authentication rejected
9.2.3	Authentication rejected by the UE (MAC code failure)
9.2.4	Authentication rejected by the UE (SQN failure)
9.3.1	General Identification
9.4.1	Location updating / accepted
9.4.2.1	Location updating / rejected / IMSI invalid
9.4.2.2.1	Location updating / rejected / PLMN not allowed/Test 1
9.4.2.2.2	Location updating / rejected / PLMN not allowed / Test 2
9.4.2.4.1	Location updating / rejected / roaming not allowed in this location area / Procedure 1
9.4.2.5	Location updating / rejected / No Suitable Cells In Location Area
9.4.4	Location updating / release / expiry of T3240
9.4.5.2	Location updating / periodic normal / test 1
9.4.5.3	Location updating / periodic normal / test 2
9.4.9	Location Updating / Accept, Interaction between Equivalent PLMNs and Forbidden PLMNs
9.5.2	MM connection / establishment in security mode
	CC
10.1.2.5.1	Outgoing call / U4 call delivered / CONNECT received
10.1.3.4.1	Incoming call / U7 call received / call accepted
	Session Management
11.1.1.1	Attach initiated by context activation/QoS Offered by Network is the QoS Requested
11.3.1	PDP context deactivation initiated by the UE
11.3.2	PDP context deactivation initiated by the network
	GPRS Mobility Management
12.2.1.1	PS attach / accepted
12.2.1.3	PS attach / rejected / IMSI invalid / PS services not allowed
12.2.1.7	PS attach / abnormal cases / change of cell into new routing area
12.2.2.1	Combined PS attach / PS and non-PS attach accepted
12.3.1.1	PS detach / power off / accepted
12.3.1.2	PS detach / accepted
12.3.1.5	PS detach / power off / accepted / PS/IMSI detach
12.3.2.1	PS detach / re-attach not required / accepted
12.4.2.1	Combined routing area updating / combined RA/LA accepted
12.4.3.1	Periodic routing area updating / accepted
12.5	P-TMSI reallocation
12.6.1.1	Authentication accepted
12.7.1	General Identification
12.9.1	Service Request Initiated by UE Procedure
12.9.2	Service Request Initiated by Network Procedure

A.2.1   The TTCN Graphical form (TTCN.GR)

The TTCN.GR representation of this ATS is contained in an Adobe Portable Document Format™ file (NASv340350.PDF contained in archive 34123c340350ATS.ZIP) which accompanies the present document.

A.2.2   The TTCN Machine Processable form (TTCN.MP)

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (NASv340350.MP contained in archive 34123c340350ATS.ZIP) which accompanies the present document.

NOTE: Where an Abstract Test Suite (in TTCN) is published in both .GR and .MP format these two forms shall be considered equivalent. In the event that there appears to be syntactical or semantic differences between the two then the problem shall be resolved and the erroneous format (whichever it is) shall be corrected.

A.3 SMS ATS

Table A.3: SMS TTCN test cases

Test case	Description

A.3.1 The TTCN Graphical form (TTCN.GR)

The TTCN.GR representation of this ATS is contained in an Adobe Portable Document Format™ file (<any_name>.PDF contained in archive <Shortfilename>.ZIP) which accompanies the present document.

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A.4 RRC ATS

The approved RRC test cases are listed.

Table A.4: RRC TTCN test cases

Test case	Description
Singlecell	
8.1.1.1	RRC / Paging for Connection in idle mode
8.1.1.2	RRC / Paging for Connection in connected mode (CELL_PCH)
8.1.1.3	R RRC / Paging for Connection in connected mode (URA_PCH)
8.1.1.4	RRC / Paging for notification of BCCH modification in idle mode
8.1.1.5	RRC / Paging for notification of BCCH modification in connected mode (CELL_PCH)
8.1.1.6	RRC / Paging for notification of BCCH modification in connected mode (URA_PCH)
8.1.1.7	RRC / Paging for for connection in connected mode (CELL_DCH)
8.1.1.8	RRC / Paging for Connection in connected mode (CELL_FACH)
8.1.2.1	RRC / RRC Connection Establishment in CELL_DCH state: Success
8.1.2.2	RRC / RRC Connection Establishment: Success after T300 timeout
8.1.2.7	RRC Connection Establishment in CELL_FACH state: Success
8.1.2.9	RRC / RRC Connection Establishment: Success after Physical channel failure and Invalid configuration
8.1.3.1	RRC / RRC Connection Release in CELL_DCH state: Successful
8.1.3.3	RRC / RRC Connection Release using on CCCH in CELL_FACH state: Failure
8.1.5.1	RRC / UE Capability in CELL_DCH state: Success
8.1.5.4	RRC / UE Capability in CELL_FACH state: Success
8.1.9	RRC / Signalling Connection Release Indication
8.2.1.1	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success
8.2.1.8	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success
8.2.1.9	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8.2.1.10	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH (Frequency band modification): Success
8.2.2.1	RRC / Radio Bearer Reconfiguration (Hard Handover) from CELL_DCH to CELL_DCH: Success
8.2.2.7	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (stop and continue)
8.2.2.8	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success
8.2.2.9	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8.2.2.10	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Success
8.2.2.11	Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
8.2.2.17	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success
8.2.2.18	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success (Cell re-selection)
8.2.2.19	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)
8.2.2.23	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_PCH: Success
8.2.3.1	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success
8.2.3.7	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success
8.2.3.8	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8.2.3.9	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success
8.2.3.15	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_FACH: Success
8.2.3.18	RRC / Radio Bearer Release from CELL_DCH to CELL_PCH: Success
8.2.3.19	RRC / Radio Bearer Release from CELL_DCH to URA_PCH: Success
8.2.4.3	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
8.2.4.4	Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and cell reselection)
8.2.4.10	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Success
8.2.6.1	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Success
8.2.6.7	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Succes
8.2.6.8	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8.2.6.9	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH:

		Success
	8.2.6.19	RRC / Physical channel reconfiguration from CELL_DCH to CELL_PCH: Success
	8.2.6.20	RRC / Physical channel from CELL_DCH to URA_PCH: Success
	8.3.1.1	RRC / Cell Update: cell reselection in CELL_FACH
	8.3.1.3	RRC / Cell Update: periodical cell update in CELL_FACH
	8.3.1.4	RRC / Cell Update: periodical cell update in CELL_PCH
	8.3.1.11	RRC / Cell Update: Success after T302 time-out
	8.3.1.21	Cell Update: Cell reselection to cell of another PLMN belonging to the equivalent PLMN list
	8.3.1.22	Cell update: Restricted cell reselection to a cell belonging to forbidden LA list (Cell_FACH)
	8.3.1.31	Cell Update: re-entering of service area from URA_PCH after T316 expiry but before T317 expiry
	8.3.2.1	RRC / URA Update: Change of URA
	8.3.2.4	RRC / URA Update: loss of service after expiry of timers T307 after T306
	8.3.2.7	RRC / URA Update: Success after T303 timeout
	8.3.3.1	RRC / UTRAN Mobility Information: Success
	8.3.4.1	RRC / Active set update in soft handover: Radio Link addition
	8.3.4.2	RRC / Active set update in soft handover: Radio Link removal
	8.3.4.3	RRC / Active set update in soft handover: Combined radio link addition and removal
	8.3.7.1	Inter system handover from UTRAN/To GSM/Speech/Success
	8.3.7.2	Inter system handover from UTRAN/To GSM/Data/Same data rate/Success
	8.3.7.4	Inter system handover from UTRAN/To GSM/Speech/Establishment/Success
	8.4.1.1	Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_DCH state
	8.4.1.16	Measurement Control and Report: Traffic volume measurement for transition from idle mode to CELL_FACH state
	8.4.1.17	RRC / Measurement Control and Report: Traffic volume measurement for transition from idle mode to CELL_DCH state
	8.4.1.23	RRC / Measurement Control and Report: Intra-frequency measurement for events 1C and 1D

A.4.1   The TTCN Graphical form (TTCN.GR)

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A.4.2   The TTCN Machine Processable form (TTCN.MP)

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A.5 RLC ATS

The approved RLC test cases are listed.

Table A.5: RLC TTCN test cases

Test case	Description
7.2.2.2	UM RLC / Segmentation and reassembly / Selection of 7 or 15 bit Length Indicators
7.2.2.3	UM RLC / Segmentation / 7-bit Length Indicators / Padding
7.2.2.4	UM RLC / Segmentation / 7-bit Length Indicators / LI = 0
7.2.2.5	UM RLC / Segmentation / 7-bit Length Indicators / Invalid LI value
7.2.2.6	UM RLC / Segmentation / 7-bit Length Indicators / LI value > PDU
7.2.2.7	UM RLC / Segmentation / 7-bit Length Indicators / First data octet LI
7.2.3.2	AM RLC / Segmentation and reassembly / Selection of 7 or 15 bit Length Indicators
7.2.3.4	AM RLC / Segmentation / 7-bit Length Indicators / LI = 0
7.2.3.5	AM RLC / Segmentation / 7-bit Length Indicators / Reserved LI value
7.2.3.6	AM RLC / Segmentation / 7-bit Length Indicators / LI value > PDU
7.2.3.12	AM RLC / Correct use of Sequence Numbering
7.2.3.13	AM RLC / Control of Transmit Window
7.2.3.14	AM RLC / Control of Receive Window
7.2.3.15	AM RLC / Polling for status / Last PU in transmission queue
7.2.3.16	AM RLC / Polling for status / Last PU in retransmission queue
7.2.3.17	AM RLC / Polling for status / Poll every Poll_PU PUs
7.2.3.18	AM RLC / Polling for status / Poll every Poll_SDU SDUs
7.2.3.19	AM RLC / Polling for status / Timer triggered polling (Timer_Poll_Periodic)
7.2.3.20	AM RLC / Polling for status / Polling on Poll_Window of transmission window
7.2.3.21	AM RLC / Polling for status / Operation of Timer_Poll timer / Timer expiry
7.2.3.22	AM RLC / Polling for status / Operation of Timer_Poll timer / Stopping Timer_Poll timer
7.2.3.23	AM RLC / Polling for status / Operation of Timer_Poll timer / Restart of the Timer_Poll timer
7.2.3.24	AM RLC / Polling for status / Operation of timer Timer_Poll_Prohibit
7.2.3.25	AM RLC / Receiver Status Triggers / Detection of missing PUs
7.2.3.26	AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Periodic
7.2.3.27	AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_ Prohibit
7.2.3.33	AM RLC / Operation of the RLC Reset procedure / UE Originated
7.2.3.34	AM RLC / Operation of the RLC Reset procedure / UE Terminated

A.5.1 The TTCN Graphical form (TTCN.GR)

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A.5.2 The TTCN Machine Processable form (TTCN.MP)

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A.6 MAC ATS

Table A.6: MAC TTCN test cases

Test case	Description
7.1.1.1	CCCH mapped to RACH/FACH / Invalid TCTF
7.1.1.2	DTCH or DCCH mapped to RACH/FACH / Invalid TCTF
7.1.1.3	DTCH or DCCH mapped to RACH/FACH / Invalid C/T Field
7.1.1.4	DTCH or DCCH mapped to RACH/FACH / Invalid UE ID Type Field
7.1.1.5	DTCH or DCCH mapped to RACH/FACH / Incorrect UE ID
7.1.1.8	DTCH or DCCH mapped to DCH / Invalid C/T Field

A.6.1 The TTCN Graphical form (TTCN.GR)

The TTCN.GR representation of this ATS is contained in an Adobe Portable Document Format™ file (MACv340350.PDF contained in archive 34123c340350ATS.ZIP) which accompanies the present document.

A.6.2 The TTCN Machine Processable form (TTCN.MP)

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A.7 BMC ATS

Table A.7: BMC TTCN test cases

Test case	Description

A.7.1 The TTCN Graphical form (TTCN.GR)

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A.7.2 The TTCN Machine Processable form (TTCN.MP)

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A.8   PDCP ATS

Table A.8: PDCP TTCN test cases

Test case	Description

A.8.1   The TTCN Graphical form (TTCN.GR)

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A.8.2   The TTCN Machine Processable form (TTCN.MP)

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A.9   RAB ATS

Table A.9: RAB TTCN test cases

Test case	Description
14.2.13.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.26	Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.27	Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.29	Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH
14.2.31.1	Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI
14.2.32.1	Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI
14.4.3	Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH

A.9.1   The TTCN Graphical form (TTCN.GR)

The TTCN.GR representation of this ATS is contained in an Adobe Portable Document Format™ file (RABv340350.PDF.PDF contained in archive 34123c340350ATS.ZIP) which accompanies the present document.

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