3GPP TSG-T meeing #25
Palm Springs, CA, USA
8 - 10 September 2004

Tdoc ⌘*TP-040193*

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3 CR 460** ⌘**rev 1** ⌘ Current version: **3.6.1** ⌘

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:*** ⌘ 02/09/2004

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: ⌘ Update the approved test case list. Add new approved test cases.

Summary of change: ⌘ The new approved test cases are added in 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 in V370.

Clauses affected: ⌘ Annex A

Other specs affected: ⌘

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

Other comments: ⌘

Comment: Document numbers are allocated by the Working Group Secretary.

Comment: Enter the specification number in this box. For example, 04.08 or 31.102. Do not prefix the number with anything . i.e. do not use "TS", "GSM" or "3GPP" etc.

Comment: Enter the CR number here. This number is allocated by the 3GPP support team. It consists of at least [1]

Comment: Enter the revision number of the CR here. If it is the first version, use a " -".

Comment: Enter the version of the specification here. This number is the version of the specific [2]

Comment: For help on how to fill out a field, place the mouse pointer over the special sym [3]

Comment: Mark one or more of the boxes with an X.

Comment: SIM / USIM / ISIM applications.

Comment: Enter a concise description of the subject matter of the CR. It should be no long [4]

Comment: Enter the source of the CR. This is either (a) one or several companies or, (b) if [5]

Comment: Enter the acronym for the work item which is applicable to the change. Th [6]

Comment: Enter the date on which the CR was last revised. Format to be interpretable b [7]

Comment: Enter a single letter corresponding to the most appropriate category listed b [8]

Comment: Enter a single release code from the list below.

Comment: Enter text which explains why the change is necessary.

Comment: Enter text which describes the most important components of the change. [9]

Comment: Enter here the consequences if this CR was to be rejected. It is necessary to [10]

Comment: Enter the number of each clause which contains changes.

Comment: Tick "yes" box if any other specifications are affected by this change. E [11]

Comment: List here the specifications which are affected or the CRs which are linked.

Comment: Enter any other information which may be needed by the group being reques [12]

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.

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.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 [**Error! Reference source not found.**] (V3.e.0)
Test specifications	3GPP TS 34.123-1 [**Error! Reference source not found.**] (V5. 9.0)
	3GPP TS 34.123-2 [**Error! Reference source not found.**] (V5.9.0)
	3GPP TS 34.108 [**Error! Reference source not found.**] (V5.2.0)
	3GPP TS 34.109 [**Error! Reference source not found.**] (V3.9.0)

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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
9.4.2.3	Location updating / rejected / location area not allowed
9.4.2.4.1	Location updating / rejected / roaming not allowed in this location area / Procedure 1
9.4.2.4. 2	Location updat ing / rejected / roaming not allowed in this location area / Procedure 2
9.4.2.5	Location updating / rejected / No Suitable Cells In Location Area
9.4.3.5	Location updating / abnormal cases / Failure due to non-integrity protection
9.4.4	Location updati ng / release / expiry of T3240
9.4.5.2	Location updating / periodic normal / test 1
9.4.5.3	Location updating / periodic normal / test 2
9.4.7	Location Updating / accept with replacement or deletion of Equivalent PLMN list
9.4.8	Location Updating after UE power off
9.4.9	Location Updating / Accept, Interaction between Equivalent PLMNs and Forbidden PLMNs
9.5.2	MM connection / establishment in security mode
9.5.4	MM connection / establishment rejected
9.5.5	MM connection / establishment rejected cause 4
	CC
10.1.2.1.1	Outgoing call / U0 null state / MM connection requested
10.1.2.2.1	Outgoing call / U0.1 MM connection pending / CM service rejected
10.1.2.2.2	Outgoing call / U0.1 MM connection pending / CM service accepted
10.1.2.3.1	Outgoing call / U1 call initiated / receiving CALL PROCEEDING
10.1.2.3.3	Outgoing call / U1 call initiated / T303 expiry
10.1.2.4.3	Outgoing call / U3 Mobile originating call proceeding / PROGRESS received without in band information
10.1.2.4.4	Outgoing call / U3 Mobile originating call proceeding / PROGRESS with in band information
10.1.2.4.6	Outgoing call / U3 Mobile originating call proceeding / DISCONNECT without in band tones
10.1.2.4.7	Outgoing call / U3 Mobile originating call proceeding / RELEASE received
10.1.2.4.8	Outgoing call / U3 Mobile originating call proceeding / termination requested by the user
10.1.2.4.9	Outgoing call / U3 Mobile originating call proceeding / traffic channel allocation
10.1.2.4.10	Outgoing call / U3 Mobile originating call proceeding / timer T310 time-out
10.1.2.5.1	Outgoing call / U4 call delivered / CONNECT received
10.1.2.5.2	Outgoing call / U4 call delivered / termination requested by the user
10.1.2.5.5	Outgoing call / U4 call delivered / RELEASE received
10.1.2.6.2	U10 active / RELEASE received
10.1.2.6.3	U10 active / DISCONNECT with in band tones
10.1.2.6.6	U10 active / SETUP received
10.1.2.7.2	U11 disconnect request / RELEASE received
10.1.2.7.3	U11 disconnect request / timer T305 time-out
10.1.2.9.1	Outgoing call / U19 release request / timer T308 time-out
10.1.3.3.1	Incoming call / U9 mobile terminating call confirmed / alerting or immediate connecting
10.1.3.3.2	Incoming call / U9 mobile terminating call confirmed / DTCH assignment
10.1.3.3.4	Incoming call / U9 mobile terminating call confirmed / DISCONNECT received
10.1.3.4.1	Incoming call / U7 call received / call accepted
10.1.3.5.6	Incoming call / U8 connect request / RELEASE received
	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

12.2.1.2	PS attach / rejected / IMSI invalid / illegal UE
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
12.4.1.1a	Routing area updating / accepted
12.4.1.3	Routing area updating / rejected / UE identity cannot be derived by the network
12.4.2.1	Combined routing area updating / combined RA/LA accepted
12.4.2.2	Combined routing area updating / UE in CS operation at change of RA
12.4.2.5a.2	Combined routing area updating / rejected / roaming not allowed in this location area / test procedure 2
12.4.3.1	Periodic routing area updating / accepted
12.5	P-TMSI reallocation
12.6.1.1	Authentication accepted
12.6.1.2	Authentication rejected - by the network
12.6.1.3.2	GMM cause 'Synch failure'
12.7.1	General Identification
12.9.1	Service Request Initiated by UE Procedure
12.9.2	Service Request Initiated by Network Procedure
12.9.3	Service Request / rejected / Illegal MS
12.9.4	Service Request / rejected / PS services not allowed
12.9.14	Service Request / RAB re-establishment / Network initiated / single PDP context
	General Tests
13.2.1.1	Emergency call / with USIM / accept case
13.2.2.1	Emergency call / without USIM / accept case
13.2.2.2	Emergency call / without USIM / reject case

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 (NASv370.PDF contained in archive 34123c370ATS.ZIP) which accompanies the present document.

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

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (NASv370.MP contained in archive 34123c370ATS.ZIP) which accompanies the present document.

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A.3 SMS ATS

Table A.3: SMS TTCN test cases

Test case	Description
16.1.1	SMS on CS mode / SMS mobile terminated
16.1.2	SMS on CS mode / SMS mobile originated
16.1.9.1	SMS on CS mode / Multiple SMS mobile originated / UE in idle mode
16.1.9.2	SMS on CS mode / Multiple SMS mobile originated / UE in active mode
16.1.10	SMS on CS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message
16.2.1	SMS on PS mode / SMS mobile terminated
16.2.2	SMS on PS mode / SMS mobile originated
16.2.10	SMS on PS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message

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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 (SMSv370.PDF contained in archive 34123c370ATS.ZIP) which accompanies the present document.

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A.3.2 The TTCN Machine Processable form (TTCN.MP)

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (SMSv370.MP contained in archive 34123c370ATS.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
8.1.2.3	RRC / RRC Connection Establishment: Failure (V300 is greater than N300)
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
8.1.3.5	RRC / RRC Connection Release in CELL_FACH state: Invalid message
8.1.5.1	RRC / UE Capability in CELL_DCH state: Success
8.1.5.4	RRC / UE Capability in CELL_FACH state: Success
8.1.6.1	Direct Transfer in CELL_DCH state (invalid message reception and no signalling connection exists)
8.1.7.1	Security mode command in CELL_DCH state (CS Domain)
8.1.7.2	RRC / Security mode control in CELL_FACH state
8.1.9	RRC / Signalling Connection Release Indication
8.1.10.1	Dynamic change of segmentation, concatenation & scheduling and handling of unsupported information blocks
8.2.1.1	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success
8.2.1.4	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Physical channel Failure and successful reversion to old configuration)
8.2.1.7	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Invalid message reception and invalid configuration)
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
8.2.2.4	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)
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)

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Test case	Description
	Singlecell
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 / Rado Bearer Release from CELL_DCH to URA_PCH: Success
8.2.4.1a	Transport channel reconfiguration (Transmission Rate Modification) from CELL_DCH to CELL_DCH of the same cell: 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
8.2.6.2	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure (Unsupported configuration)
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
8.2.6.11	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and successful reversion to old configuration)
8.2.6.12	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and cell re-selection)
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
8.3.1.2	RRC / Cell Update: cell reselection in CELL_PCH
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
8.3.1.5	RRC / Cell Update: UL data transmission in URA_PCH
8.3.1.6	RRC / Cell Update: UL data transmission in CELL_PCH
8.3.1.9	RRC / Cell Update: re-entering of service area after T305 expiry and being out of service area
8.3.1.10	RRC / Cell Update: expiry of T307 after T305 expiry and being out of service area
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
8.3.1.12	RRC / Cell Update: Failure (After Maximum Re-transmissions)
8.3.1.17	RRC / Cell Update: Failure (UTRAN initiate an RRC connection release procedure on CCCH)
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
8.3.2.9	RRC / URA Update: Failure (UTRAN initiate an RRC connection release procedure on CCCH)
8.3.2.11	URA Update: Cell reselection to cell of another PLMN belonging to the equivalent PLMN list
8.3.2.12	Restricted cell reselection to a cell belonging to forbidden LA list (URA_PCH)
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
8.4.1.1	Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_DCH state
8.4.1.2	RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_DCH state
8.4.1.3	RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_FACH 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
8.4.1.18	RRC / Measurement Control and Report: Traffic volume measurement for transition from

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Test case	Description
	Singlecell
	CELL_FACH state to CELL_DCH state
8.4.1.19	RRC / Measurement Control and Report: Traffic volume measurement for transition from CELL_DCH to CELL_FACH state
8.4.1.23	RRC / Measurement Control and Report: Intra-frequency measurement for events 1C and 1D
8.4.1.24	RRC / Measurement Control and Report: Inter-frequency measurement for event 2A
8.4.1.25	RRC / Measurement Control and Report: Inter-frequency measurement for events 2B and 2E
8.4.1.26	RRC / Measurement Control and Report: Inter-frequency measurement for events 2D and 2F
8.4.1.27	RRC / Measurement Control and Report: UE internal measurement for events 6A and 6B
8.4.1.29	RRC / Measurement Control and Report: Event based Traffic Volume measurement in CELL_FACH state
8.4.1.30	RRC / Measurement Control and Report: Event based Traffic Volume measurement in CELL_DCH state
8.4.1.31	RRC / Measurement Control and Report: Inter-RAT measurement in CELL_DCH state
8.4.1.33	Measurement Control and Report: Inter-RAT measurement, event 3a
8.4.1.34	Measurement Control and Report: Inter-RAT measurement, event 3b
8.4.1.35	Measurement Control and Report: Inter-RAT measurement, event 3c
8.4.1.36	Measurement Control and Report: Inter-RAT measurement, event 3d
8.4.1.37	Measurement Control and Report: UE internal measurement, event 6c
8.4.1.38	Measurement Control and Report: UE internal measurement, event 6d
8.4.1.40	Measurement Control and Report: Inter-RAT measurement event 3C in CELL_DCH state using sparse compressed mode pattern

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

The TTCN.GR representation of this ATS is contained in an Adobe Portable Document Format™ file (RRCv370.PDF contained in archive 34123c370ATS.ZIP) which accompanies the present document.

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

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (RRCv370.PDF contained in archive 34123370ATS.ZIP) which accompanies the present document.

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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)

The TTCN.GR representation of this ATS is contained in an Adobe Portable Document Format™ file (RLCv370.PDF contained in archive 34123c370ATS.ZIP) which accompanies the present document.

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

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (RLCv370.PDF contained in archive 3412337011ATS.ZIP) which accompanies the present document.

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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
7.1.3.1	Priority handling between data flows of one UE

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 (MACv370.PDF contained in archive 34123c370ATS.ZIP) which accompanies the present document.

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

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (MACv370.PDF contained in archive 34123c370ATS.ZIP) which accompanies the present document.

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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)

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.

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

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (<any_name>.MP contained in archive <Shortfilename>.ZIP) which accompanies the present document.

A.8 PDCP ATS

Table A.8: PDCP TTCN test cases

Test case	Description

A.8.1 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.

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

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (<any_name>.MP contained in archive <Shortfilename>.ZIP) which accompanies the present document.

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
14.2.4a	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.5a	Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.7a	Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.12	Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.13.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI
14.2.14.1	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.14.2	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI
14.2.15	Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.16	Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.17	Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.23a1	Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.23b	Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.23c	Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBsfor 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
14.2.38a	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.38b	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.38c	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.38e	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.38f	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps /CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.40	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH
14.2.41	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.49.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.51.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.51a.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:8 DL:8 kbps / PS RAB
14.2.57	Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.58	Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.
14.4.2.1	One SCCPCH: Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH
14.4.2.2	Two SCCPCHs: Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH

14.4.2.3	One SCCPCH/connected mode: Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH
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 (RABv370.PDF.PDF contained in archive 34123c370ATS.ZIP) which accompanies the present document.

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A.9.2 The TTCN Machine Processable form (TTCN.MP)

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (RABv370.MP) which accompanies the present document.

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A.10 IR_U ATS

Table A.10: InterRat TTCN test cases

Test case	Description
6.2.1.1	Selection of the correct PLMN and associated RAT
6.2.1.6	Selection of RAT for HPLMN: Automatic mode
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
8.3.7.3	Inter system handover from UTRAN/To GSM/Data/Data rate down grading/Success
8.3.7.4	Inter system handover from UTRAN/To GSM/Speech/Establishment/Success

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A.10.1 The TTCN Graphical form (TTCN.GR)

The TTCN.GR representation of this ATS is contained in an Adobe Portable Document Format™ file (RABv370.PDF.PDF contained in archive 34123c370ATS.ZIP) which accompanies the present document.

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A.10.2 The TTCN Machine Processable form (TTCN.MP)

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (RABv370.MP contained in archive 34123c370ATS.ZIP) which accompanies the present document.

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Page 1: [1] Comment **Explanation of field**

Enter the CR number here. This number is allocated by the 3GPP support team. It consists of at least three digits, padded with leading zeros if necessary.

Page 1: [2] Comment **Explanation of field**

Enter the version of the specification here. This number is the version of the specification to which the CR will be applied if it is approved. Make sure that the latest version of the specification (of the relevant release) is used when creating the CR. If unsure what the latest version is, go to http://www.3gpp.org/specs/specs.htm.

Page 1: [3] Comment **Explanation of field**

For help on how to fill out a field, place the mouse pointer over the special symbol closest to the field in question.

Page 1: [4] Comment **Explanation of field**

Enter a concise description of the subject matter of the CR. It should be no longer than one line. Do not use redundant information such as "Change Request number xxx to 3GPP TS xx.xxx".

Page 1: [5] Comment **Explanation of field**

Enter the source of the CR. This is either (a) one or several companies or, (b) if a (sub)working group has already reviewed and agreed the CR, then list the group as the source.

Page 1: [6] Comment **Explanation of field**

Enter the acronym for the work item which is applicable to the change. This field is mandatory for category F, B & C CRs for release 4 and later. A list of work item acronyms can be found in the 3GPP work plan. See http://www.3gpp.org/ftp/information/work_plan/ .
The list is also included in a MS Excel file included in the zip file containing the CR cover sheet template.

Page 1: [7] Comment **Explanation of field**

Enter the date on which the CR was last revised. Format to be interpretable by English version of MS Windows ® applications, e.g. 19/02/2002.

Page 1: [8] Comment **Explanation of field**

Enter a single letter corresponding to the most appropriate category listed below. For more detailed help on interpreting these categories, see the Technical Report 21.900 "TSG working methods".

Page 1: [9] Comment **Explanation of field**

Enter text which describes the most important components of the change. i.e. How the change is made.

Page 1: [10] Comment **Explanation of field**

Enter here the consequences if this CR was to be rejected. It is necessary to complete th section only if the CR is of category "F" (i.e. correction).

Page 1: [11] Comment **Explanation of field**

Tick "yes" box if any other specifications are affected by this change. Else tick "no". You MUST fill in one or the other.

Page 1: [12] Comment **Explanation of field**

Enter any other information which may be needed by the group being requested to approve the CR. This could include special conditions for it's approval which are not listed anywhere else above.