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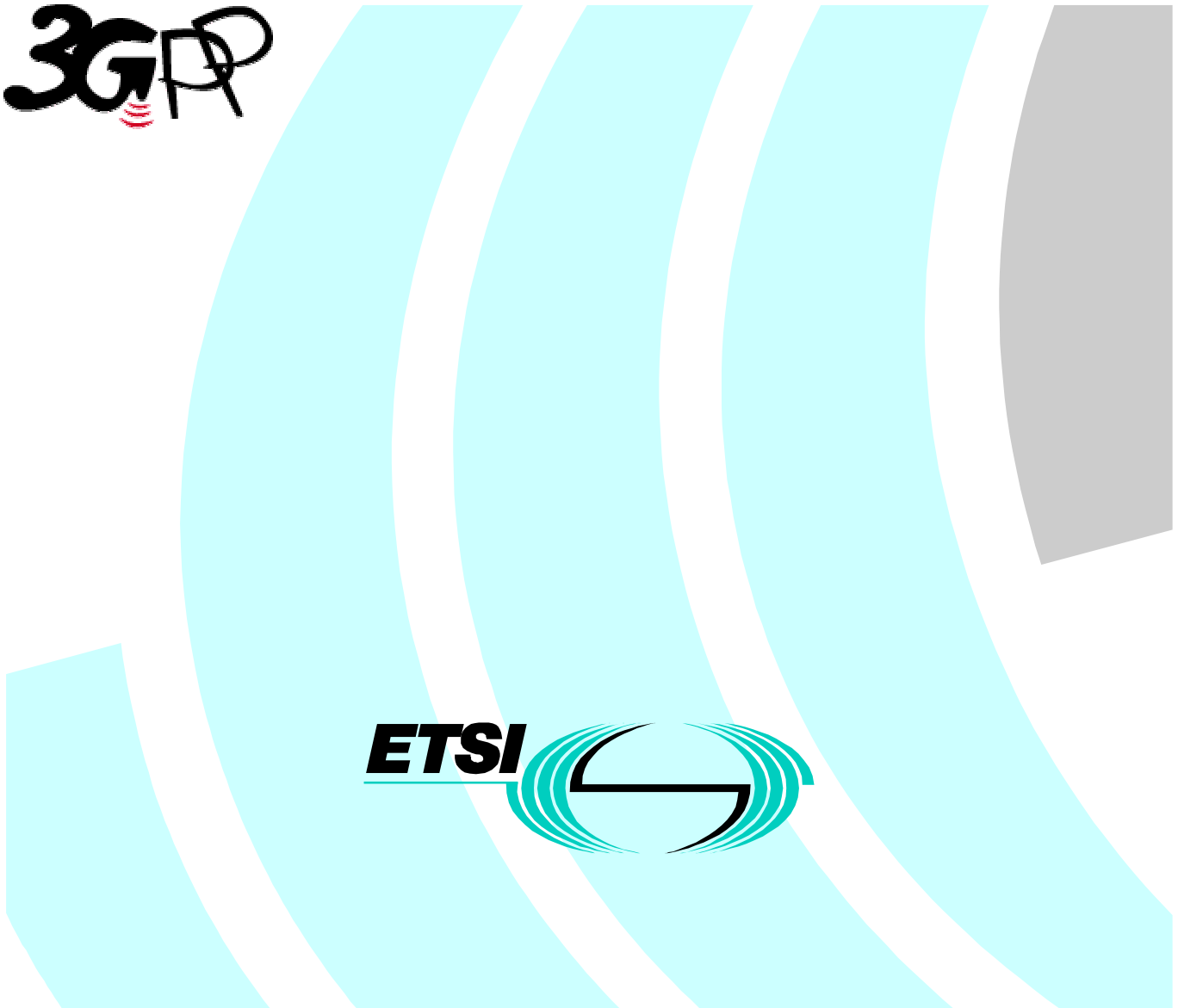
Technical Specification

**Universal Mobile Telecommunications System (UMTS);
User Equipment (UE) conformance specification;
Part 2: Implementation Conformance Statement (ICS)
proforma specification
(3GPP TS 34.123-2 version 3.2.0 Release 1999)**



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Foreword

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Contents

Foreword

This Technical Specification (TS) has been produced by the 3rd Generation Partnership Project (3GPP).

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Introduction

To evaluate conformance of a particular implementation, it is necessary to have a statement of which capabilities and options have been implemented for a telecommunication specification. Such a statement is called an Implementation Conformance Statement (ICS).

1 Scope

The present document provides the Implementation Conformance Statement (ICS) proforma for 3rd Generation User Equipment (UE), in compliance with the relevant requirements, and in accordance with the relevant guidance given in ISO/IEC 9646-7 [2] and ETS 300 406 [3].

This document also specifies a recommended applicability statement for the test cases included in TS 34.123-1. These applicability statements are based on the features implemented in the UE.

Special conformance testing functions can be found in 3GPP TS 34.109 [45] and the common test environments are included in 3GPP TS 34.108 [44].

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document in the same Release as the present document.

[1] ISO/IEC 9646-1: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 1: General concepts".

[2] ISO/IEC 9646-7: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".

[3] ETSI ETS 300 406 (January 1995): "Methods for testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".

[4] 3GPP TR 21.904: "Terminal Capability Requirements".

[5] 3GPP TS 22.002: "Bearer Services (BS) supported by a GSM; Public Land Mobile Network (PLMN)".

[6] 3GPP TS 22.003: "Circuit Teleservices supported by a Public Land Mobile Network (PLMN)".

[7] 3GPP TS 22.004: "General on Supplementary Services".

[8] 3GPP TS 22.042: "Network Identity and Timezone (NITZ); Service description, Stage 1".

[9] 3GPP TS 22.057: "Mobile Station Application Execution Environment (MExE); Stage 1".

[10] 3GPP TS 22.060: "General Packet Radio Service (GPRS); Stage 1".

[11] 3GPP TS 22.067: "Enhanced Multi-Level Precedence and Preemption Service (EMLPP) - Stage 2".

[12] 3GPP TS 22.071: "Location Services (LCS); Stage 1".

[13] 3GPP TS 22.072: "Call Deflection Service description - Stage 1".

[14] 3GPP TS 22.081: "Line identification Supplementary Services; Stage 1"

[15] 3GPP TS 22.082: "Call Forwarding (CF) supplementary services - Stage 1".

[16] 3GPP TS 22.083: "Call Waiting (CW) and Call Holding (HOLD); Supplementary Services - Stage 1".

[17] 3GPP TS 22.084: "MultiParty (MPTY) Supplementary Services - Stage 1".

[18] 3GPP TS 22.085: "Closed User Group (CUG) Supplementary Services - Stage 1".

[19] 3GPP TS 22.086: "Advice of Charge (AoC) Supplementary Services - Stage 1".

[20] 3GPP TS 22.087: "User-to-user signalling (UUS) - Stage 1".

[21] 3GPP TS 22.088: "Call Barring (CB) Supplementary Services - Stage 1".

[22] 3GPP TS 22.090: "Unstructured Supplementary Service Data (USSD) - Stage 1".

[23] 3GPP TS 22.091: "Explicit Call Transfer (ECT)".

[24] 3GPP TS 22.093: "Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1".

[25] 3GPP TS 22.094: "Follow Me - Stage 3".

[26] 3GPP TS 22.096: "Name identification supplementary services; Stage 1".

[27] 3GPP TS 22.097: "Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1".

[28] 3GPP TS 22.105: "Services and Service Capabilities".

[29] 3GPP TS 24.008: "Mobile Radio Interface Layer 3 specification; Core Network Protocols - Stage 3".

[30] 3GPP TS 22.135: "Multicall Stage 2"

[31] 3GPP TS 23.107: "Quality of Service, Concept and Architecture".

[32] 3GPP TS 25.201: "Physical layer -General Description".

[33] 3GPP TS 25.101: "UE radio transmission and reception (FDD)".

[34] 3GPP TS 25.102: "UE radio transmission and reception (TDD)".

[35] 3GPP TS 25.321: "Medium Access Control (MAC) Protocol Specification".

[36] 3GPP TS 25.322: "Radio Link Control (RLC) Protocol Specification".

[37] 3GPP TS 25.323: "Packet Data Convergence Protocol (PDCP) protocol".

[38] 3GPP TS 25.324: "Radio Interface for Broadcast/Multicast Services".

[39] 3GPP TS 25.331: "Radio Resource Control (RRC) Protocol Specification".

[40] 3GPP TS 25.926: "UE Radio Access capabilities definition"

[41] 3GPP TS 26.071: "AMR speech Codec; General description".

[42] 3GPP TS 26.111: "Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324"

[43] 3GPP TS 31.111: "USIM Application Toolkit (USAT)".

[44] 3GPP TS 34.108: "Common Test Environments for User Equipment (UE) Conformance Testing".

[45] 3GPP TS 34.109: "Logical Test Interface (TDD and FDD)".

[46] 3GPP TS 34.121: "Terminal Conformance Specification, Radio Transmission and Reception (FDD)".

[47] 3GPP TS 34.122: "Terminal Conformance Specification, Radio Transmission and Reception (FDD)".

[48] 3GPP TS 34.124: "Electro-Magnetic Compatibility (EMC) for Terminal equipment - stage 1".

[49] 3GPP TS 34.123-1: "User Equipment (UE) Conformance Specification, Part 1 - Conformance specification".

[50] 3GPP TS 34.123-3: "User Equipment (UE) Conformance Specification, Part 3 - Abstract Test Suite".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply:

- terms defined in the relevant 3GPP core specifications (see normative references);
- terms defined in ISO/IEC 9646-1 [1] and in ISO/IEC 9646-7 [2].

In particular, the following terms defined in ISO/IEC 9646-1 [1] apply:

Implementation Conformance Statement (ICS): statement made by the supplier of an implementation or system claimed to conform to a given specification, stating which capabilities have been implemented. The ICS can take several forms: protocol ICS, profile ICS, profile specific ICS, information object ICS, etc.

ICS proforma: document, in the form of a questionnaire, which when completed for an implementation or system becomes an ICS.

3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

ICS	Implementation Conformance Statement
SCS	System Conformance Statement
UEUT	User Equipment Under Test

4 Recommended test case applicability

The applicability of each individual test is identified in the table 1. This is just a recommendation based on the purpose for which the test case was written.

The applicability of every test is formally expressed by the use of Boolean expression that are based on parameters (ICS) included in annex A of this specification.

The columns in Table 1 have the following meaning:

Clause

The clause column indicates the clause number in 34.123-1 that contains the test body.

Title

The title column describes the name of the test.

Applicability

The following notations are used for the applicability column:

R	recommended - the test case is recommended

N/A	not applicable - in the given context, the test case is not recommended.
Ci	conditional - the test is recommended ("R") or not ("N/A") depending on the support of other items. "i" is an integer identifying an unique conditional status expression which is defined immediately following the table. For nested conditional expressions, the syntax "IF ... THEN (IF ... THEN ... ELSE...) ELSE ..." is used to avoid ambiguities.

Comments

This column contains a verbal description of the condition included in the applicability column.

Table 1: Applicability of tests

Clause	Title	Applicability	Comments
IDLE MODE			
6.1.1.1	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Manual mode	C01	UEs supporting FDD
6.1.1.2	PLMN selection of “Other PLMN / access technology combinations”; Manual mode	C01	UEs supporting FDD
6.1.1.3	PLMN selection/reselection; independence of RF level and preferred PLMN; Manual mode	C01	UEs supporting FDD
6.1.1.4	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Automatic mode	C01	UEs supporting FDD
6.1.1.5	PLMN selection of “Other PLMN / access technology combinations”; Automatic mode	C01	UEs supporting FDD
6.1.1.6	UE will transmit only if PLMN available	C01	Ues supporting FDD
6.1.2.1	Cell selection	C01	UEs supporting FDD
6.1.2.2	Cell selection on release of DCCH and DTCH	C01	UEs supporting FDD
6.1.2.3	Cell reselection	C01	UEs supporting FDD
6.1.2.4	Cell reselection using reselection timing parameters	C01	UEs supporting FDD
6.1.2.5	HCS cell reselection	C01	UEs supporting FDD
6.1.2.6	HCS cell reselection using reselection timing parameters	C01	UEs supporting FDD.
6.1.2.7	Cell reselection due to UE rejection “LA not allowed”	C01	UEs supporting FDD
6.1.2.8	Cell reselection due to UE rejection “Roaming not allowed in this LA”	C01	UEs supporting FDD
6.1.2.9	Emergency calls	C04	UEs supporting FDD and speech
6.1.2.10	Immediate Cell Evaluation	C01	UEs supporting FDD
6.2.1.1	Selection of the correct combination of PLMN and associated RAT	C05	UEs supporting FDD and GSM
6.2.1.2	Selection of RAT for RPLMN	C05	UEs supporting FDD and GSM
6.2.1.3	Selection of RAT for HPLMN; Manual mode	C05	UEs supporting FDD and GSM
6.2.1.4	Selection of RAT for UPLMN; Manual mode	C05	UEs supporting FDD and GSM
6.2.1.5	Selection of RAT for OPLMN; Manual mode	C05	UEs supporting FDD and GSM
6.2.1.6	Selection of “Other PLMN / access technology combinations”; Manual mode	C05	UEs supporting FDD and GSM
6.2.1.7	Selection of RAT for HPLMN; Automatic mode	C05	UEs supporting FDD and GSM
6.2.1.8	Selection of RAT for UPLMN; Automatic mode	C05	UEs supporting FDD and GSM
6.2.1.9	Selection of RAT for OPLMN; Automatic mode	C05	UEs supporting FDD and GSM
6.2.1.10	Selection of “Other PLMN / access technology combinations”; Automatic mode	C05	UEs supporting FDD and GSM
6.2.2.1	Cell selection; UTRAN/GSM	C05	UEs supporting FDD and GSM
6.2.2.2	Cell reselection; UTRAN to GSM	C05	UEs supporting FDD and GSM
6.2.2.3	Cell reselection timings; GSM to UTRAN	C05	UEs supporting FDD and GSM
LAYER 2			
7.1.1	Permission to access the network	[FFS]	All UEs [FFS]
7.1.2.1	Selection and control of Power Level	R	All UEs
7.1.2.2	Correct application of Dynamic Persistence	R	All UEs
7.1.2.3	Correct Selection of RACH parameters	R	All UEs
7.1.3	Dynamic Radio Bearer Control	[FFS]	[FFS]
7.1.4	RACH/FACH transmission and retransmission	[FFS]	[FFS]
7.1.5	MAC Access Control Function	[FFS]	[FFS]
7.1.6	Inband identification of UE on FACH	[FFS]	[FFS]
7.1.7	Inband identification of UE on DSCH	[FFS]	[FFS]
7.2.1.1	RLC testing / Transparent mode / Segmentation and reassembly	R	All UEs
7.2.2.2	UM RLC / Segmentation and reassembly / Selection of 7 or 15 bit Length Indicators	R	All UEs
7.2.2.3	UM RLC / Segmentation / 7-bit Length Indicators / Padding	R	All UEs
7.2.2.4	UM RLC / Segmentation / 7-bit Length Indicators / LI = 0	R	All UEs
7.2.2.5	UM RLC / Segmentation / 7-bit Length Indicators / Invalid LI value	R	All UEs
7.2.2.6	UM RLC / Segmentation / 7-bit Length Indicators / LI value > PDU	R	All UEs
7.2.2.7	UM RLC / Segmentation / 7-bit Length Indicators / First data octet LI	R	All UEs
7.2.2.8	UM RLC / Segmentation / 15-bit Length Indicators / Padding	R	All UEs

Clause	Title	Applicability	Comments
7.2.2.9	UM RLC / Segmentation / 15-bit Length Indicators / LI = 0	R	All UEs
7.2.2.10	UM RLC / Segmentation / 15-bit Length Indicators / One octet short LI	R	All UEs
7.2.2.11	UM RLC / Segmentation / 15-bit Length Indicators / LI value > PDU size	R	All UEs
7.2.2.12	UM RLC / Segmentation / 15-bit Length Indicators / First data octet LI	R	All UEs
7.2.3.2	AM RLC / Segmentation and reassembly / Selection of 7 or 15 bit Length Indicators	R	All UEs
7.2.3.3	AM RLC / Segmentation / 7-bit Length Indicators / Padding	R	All UEs
7.2.3.4	AM RLC / Segmentation / 7-bit Length Indicators / LI = 0	R	All UEs
7.2.3.5	AM RLC / Segmentation / 7-bit Length Indicators / Reserved LI value	R	All UEs
7.2.3.6	AM RLC / Segmentation / 7-bit Length Indicators / LI value > PDU	R	All UEs
7.2.3.7	AM RLC / Segmentation / 15-bit Length Indicators / Padding or Piggy-backed Status	R	All UEs
7.2.3.8	AM RLC / Segmentation / 15-bit Length Indicators / LI = 0	R	All UEs
7.2.3.9	AM RLC / Segmentation / 15-bit Length Indicators / One octet short LI	R	All UEs
7.2.3.10	AM RLC / Segmentation / 15-bit Length Indicators / Reserved LI value	R	All UEs
7.2.3.11	AM RLC / Segmentation / 15-bit Length Indicators / LI value > PDU size	R	All UEs
7.2.3.12	AM RLC / Correct use of Sequence Numbering	R	All UEs
		R	
7.2.3.13	AM RLC / Control of Transmit Window	R	All UEs
7.2.3.14	AM RLC / Control of Receive Window	R	All UEs
7.2.3.15	AM RLC / Polling for status / Last PU in transmission queue	R	All UEs
7.2.3.16	AM RLC / Polling for status / Last PU in retransmission queue	R	All UEs
7.2.3.17	AM RLC / Polling for status / Poll every Poll_PU PUs	R	All UEs
7.2.3.18	AM RLC / Polling for status / Poll every Poll_SDU SDUs	R	All UEs
7.2.3.19	AM RLC / Polling for status / Timer triggered polling (Timer_Poll_Periodic)	R	All UEs
7.2.3.20	AM RLC / Polling for status / Polling on Poll_Window% of transmission window	R	All UEs
7.2.3.21	AM RLC / Polling for status / Operation of Timer_Poll timer / Timer expiry	R	All UEs
7.2.3.22	AM RLC / Polling for status / Operation of Timer_Poll timer / Stopping Timer_Poll timer	R	All UEs
7.2.3.23	AM RLC / Polling for status / Operation of Timer_Poll timer / Restart of the Timer_Poll timer	R	All UEs
7.2.3.24	AM RLC / Polling for status / Operation of timer Timer_Poll_Prohibit	R	All UEs
7.2.3.25	AM RLC / Receiver Status Triggers / Detection of missing PUs	R	All UEs
7.2.3.26	AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Periodic	R	All UEs
7.2.3.27	AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Prohibit	R	All UEs
7.2.3.28	AM RLC / Status reporting / Abnormal conditions / Reception of LIST SUFI with Length set to zero	R	All UEs
7.2.3.29	AM RLC / Timer based discard, with explicit signalling / Expiry of Timer_Discard	R	All UEs
7.2.3.30	AM RLC / Timer based discard, with explicit signalling / Obsolete MRW_ACK	R	All UEs

Clause	Title	Applicability	Comments
7.2.3.31	AM RLC / Timer based discard, with explicit signalling / Failure of MRW procedure	R	All UEs
7.2.3.32	AM RLC / SDU discard after MaxDAT number of retransmissions	R	All UEs
7.2.3.33	AM RLC / Operation of the RLC Reset procedure / UE Originated	R	All UEs
7.2.3.34	AM RLC / Operation of the RLC Reset procedure / UE Terminated	R	All UEs
RADIO RESOURCE CONTROL			
8.1.1.1	RRC / Paging for Connection in idle mode	C01	UEs supporting FDD.
8.1.1.2	RRC / Paging for Connection in connected mode (CELL_PCH)	C06	UEs supporting FDD and supporting PS bearer service.
8.1.1.3	RRC / Paging for Connection in connected mode (URA_PCH)	C06	UEs supporting FDD and supporting PS bearer service.
8. 1.1.4	RRC / Paging for Notification in idle mode	C01	UEs supporting FDD.
8.1.1.5	RRC / Paging for Notification in connected mode (CELL_PCH)	C06	UEs supporting FDD and supporting PS bearer service.
8.1.1.6	RRC / Paging for Notification in connected mode (URA_PCH)	C01	UEs supporting FDD.
8.1.1.7	RRC / Paging for Connection in connected mode (CELL_DCH)	C01	UEs supporting FDD.
8.1.1.8	RRC / Paging for Connection in connected mode (CELL_FACH)	C01	UEs supporting FDD.
8.1.2.1	RRC / RRC Connection Establishment in CELL_DCH state: Success	C01	UEs supporting FDD.
8.1.2.2	RRC / RRC Connection Establishment: Success after T300 timeout	C01	UEs supporting FDD.
8.1.2.3	RRC / RRC Connection Establishment: Failure (V300 is greater than N300)	C01	UEs supporting FDD.
8.1.2.4	RRC / RRC Connection Establishment: Reject ("wait time" is not equal to 0)	C01	UEs supporting FDD.
8.1.2.5	RRC / RRC Connection Establishment: Reject ("wait time" is not equal to 0 and V300 is greater than N300)	C01	UEs supporting FDD.
8.1.2.6	RRC / RRC Connection Establishment: Reject ("wait time" is set to 0)	C01	UEs supporting FDD.
8.1.2.7	RRC / RRC Connection Establishment in CELL_FACH state: Success	C01	UEs supporting FDD.
8.1.2.8	RRC / RRC Connection Establishment : Invalid system information message reception	C01	UEs supporting FDD.
8.1.3.1	RRC / RRC Connection Release in CELL_DCH state: Successful	C01	UEs supporting FDD.
8.1.3.2	RRC / RRC Connection Release using on DCCH in CELL_FACH state: Successful	C01	UEs supporting FDD.
8.1.3.3	RRC / RRC Connection Release using on CCCH in CELL_FACH state: Failure	C01	UEs supporting FDD.
8.1.3.4	RRC / RRC Connection Release in CELL_FACH state: Failure	C01	UEs supporting FDD.
8.1.3.5	RRC / RRC Connection Release in CELL_FACH state: Invalid message	C01	UEs supporting FDD.
8. 1.4.1	RRC / RRC Connection Re-Establishment: Success	C01	UEs supporting FDD.
8.1.4.2	RRC / RRC Connection Re-Establishment: Success after T301 timeout (T314 and T315 are running)	C01	UEs supporting FDD.
8.1.4.3	RRC / RRC Connection Re-Establishment: Success after reception of invalid message (V301 is not greater than N301)	C01	UEs supporting FDD.
8.1.4.4	RRC / RRC Connection Re-Establishment: Failure after reception of invalid message (V301 is greater than N301)	C01	UEs supporting FDD.
8.1.4.5	RRC / RRC Connection Re-Establishment: Failure (Release)	C01	UEs supporting FDD.
8.1.4.6	RRC / RRC Connection Re-Establishment: Failure (T315=0, T314=0)	C01	UEs supporting FDD.
8.1.4.7	RRC / RRC Connection Re-Establishment: Failure (T314=0, T315>0 and radio link failure)	C01	UEs supporting FDD.
8.1.4.8	RRC / RRC Connection Re-Establishment: Failure (T314>0, T315=0 and radio link failure)	C01	UEs supporting FDD.
8.1.4.9	RRC / RRC Connection Re-Establishment: Failure (T314 is timeout, T315=0)	C01	UEs supporting FDD.

Clause	Title	Applicability	Comments
8.1.4.10	RRC / RRC Connection Re-Establishment: Failure (T315 is timeout, T314=0)	C01	UEs supporting FDD.
8.1.4.11	RRC / RRC Connection Re-Establishment: Success (Unrecoverable error in RLC)	C01	UEs supporting FDD.
8.1.5.1	RRC / UE Capability in CELL_DCH state: Success	C01	UEs supporting FDD.
8.1.5.2	RRC / UE Capability in CELL_DCH state: Success after T304 timeout	C01	UEs supporting FDD.
8.1.5.3	RRC / UE Capability in CELL_DCH state: Falilure (After (N304+1) re-transmissions)	C01	UEs supporting FDD.
8.1.5.4	RRC / UE Capability in CELL_FACH state: Success	C01	UEs supporting FDD.
8.1.5.5	RRC / UE Capability in CELL_FACH state: Success after T304 timeout	C01	UEs supporting FDD.
8.1.6.1	Direct Transfer in CELL_DCH state (invalid message reception)	C01	UEs supporting FDD.
8.1.6.2	Direct Transfer in CELL_FACH state (invalid message reception)	C01	UEs supporting FDD.
8.1.7.1	RRC / Security mode control in CELL_DCH state	C07	UEs supporting FDD and supporting UMTS Encryption Algorithm UEA1.
8.1.7.2	RRC / Security mode control in CELL_FACH state	C07	UEs supporting FDD and supporting UMTS Encryption Algorithm UEA1.
8.1.8.1	RRC / Counter check in CELL_DCH state	C01	UEs supporting FDD.
8.1.8.2	RRC / Counter check in CELL_FACH state	C01	UEs supporting FDD.
8.1.9	RRC / Signalling Connection Release Request	C01	UEs supporting FDD.
8.2.1.1	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Data integrity protection algorithm is not applied)	C01	UEs supporting FDD.
8.2.1.2	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Effected Data integrity protection algorithm)	C08	UEs supporting FDD and supporting UMTS Integrity Algorithm UIA1.
8.2.1.3	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)	C01	UEs supporting FDD.
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)	C01	UEs supporting FDD.
8.2.1.5	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Physical channel Failure and reversion failure)	C01	UEs supporting FDD.
8.2.1.6	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous configuration)	C01	UEs supporting FDD.
8.2.1.7	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Invalid message reception)	C01	UEs supporting FDD.
8.2.1.8	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.1.9	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Failure (Physical channel Failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.1.10	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.1.11	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.1.12	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Physical channel Failure and successful reversion to old configuration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.1.13	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Physical channel Failure and reversion failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.1.14	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.1.15	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.1.16	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_FACH: Success	C06	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Applicability	Comments
8.2.1.17	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Subsequently received)	C01	UEs supporting.
8.2.1.18	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.1	RRC / Radio Bearer Reconfiguration (Hard Handover) from CELL_DCH to CELL_DCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.2	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.3	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.4	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.5	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.6	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Invalid message reception)	C06	UEs supporting FDD and supporting PS bearer service..
8.2.2.7	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Suspension of signalling bearer)	C06	UEs supporting FDD and supporting PS bearer service..
8.2.2.8	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.9	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Failure (Physical channel failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.10	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.11	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.12	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.13	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.14	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.15	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Invalid message reception)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.16	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Suspension of signalling bearer)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.17	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.18	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Failure (Physical channel failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.19	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)	C01	UEs supporting FDD and supporting PS bearer service.
8.2.2.20	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Success (Subsequently received)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.21	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.22	RRC / Radio Bearer Reconfiguration from CELL_DCH to URA_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.23	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.2.24	RRC / Radio Bearer Reconfiguration from CELL_FACH to URA_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Applicability	Comments
8.2.3.1	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success	C01	UEs supporting FDD.
8.2.3.2	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)	C01	UEs supporting FDD.
8.2.3.3	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)	C01	UEs supporting FDD.
8.2.3.4	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)	C01	UEs supporting FDD.
8.2.3.5	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.6	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Invalid message reception)	C01	UEs supporting FDD.
8.2.3.7	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.8	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Failure (Physical channel failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.9	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.10	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.11	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.12	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.13	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.14	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.15	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_FACH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.16	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (Subsequently received)	C01	UEs supporting FDD and supporting PS bearer service.
8.2.3.17	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.18	RRC / Radio Bearer Release from CELL_DCH to CELL_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.19	RRC / Radio Bearer Release from CELL_DCH to URA_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.1	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH (Hard handover to intra-frequency): Success with no transport channel type switching	C06	UEs supporting FDD and supporting PS bearer service..
8.2.4.2	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)	C06	UEs supporting FDD and supporting PS bearer service..
8.2.4.3	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)	C06	UEs supporting FDD and supporting PS bearer service..
8.2.4.4	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)	C06	UEs supporting FDD and supporting PS bearer service..
8.2.4.5	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)	C06	UEs supporting FDD and supporting PS bearer service..
8.2.4.6	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Invalid message reception)	C06	UEs supporting FDD and supporting PS bearer service..

Clause	Title	Applicability	Comments
8.2.4.7	RRC / Transport channel reconfiguration from CELL_DCH to CELL_FACH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.8	RRC / Transport channel reconfiguration from CELL_DCH to CELL_FACH: Failure (Physical channel failure and reversion to old configuration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.9	RRC / Transport channel reconfiguration from CELL_DCH to CELL_FACH: Failure (Physical channel failure and reversion failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.10	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.11	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.12	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion to old channel)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.13	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.14	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.15	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Invalid message reception)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.16	RRC / Transport channel reconfiguration from CELL_FACH to CELL_FACH: Success with no transport channel type switching	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.17	RRC / Transport channel reconfiguration from CELL_FACH to CELL_FACH: Failure (Physical channel failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.18	RRC / Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)	C01	UEs supporting FDD and supporting PS bearer service.
8.2.4.19	RRC / Transport Channel Reconfiguration from CELL_FACH to CELL_DCH: Success (Subsequently received)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.20	RRC / Transport channel Reconfiguration from CELL_DCH to CELL_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.21	RRC / Transport channel from CELL_DCH to URA_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.22	RRC / Transport channel from CELL_FACH to CELL_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.23	RRC / Transport channel from CELL_FACH to URA_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.5.1	RRC / Transport format combination Control in CELL_DCH: restriction	C01	UEs supporting FDD.
8.2.5.2	RRC / Transport format combination Control in CELL_DCH: release a restriction	C01	UEs supporting FDD.
8.2.5.3	RRC / Transport format combination Control in CELL_DCH: Failure (Incompatible simultaneous reconfiguration)	C06	UEs supporting FDD and supporting PS bearer service..
8.2.5.4	RRC / Transport format combination Control in CELL_DCH: Failure (Invalid message reception)	C06	UEs supporting FDD and supporting PS bearer service..
8.2.6.1	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Success	C06	UEs supporting FDD and supporting PS bearer service..
8.2.6.2	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Failure (Unsupported configuration)	C06	UEs supporting FDD and supporting PS bearer service..
8.2.6.3	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Failure (Physical channel failure and reversion to old channel)	C06	UEs supporting FDD and supporting PS bearer service..
8.2.6.4	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Failure (Physical channel failure and reversion failure)	C06	UEs supporting FDD and supporting PS bearer service..

Clause	Title	Applicability	Comments
8.2.6.5	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Failure (Incompatible simultaneous reconfiguration)	C06	UEs supporting FDD and supporting PS bearer service..
8.2.6.6	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Failure (Invalid message reception)	C06	UEs supporting FDD and supporting PS bearer service..
8.2.6.7	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.8	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Failure (Physical channel failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.9	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.10	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.11	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.12	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.13	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.14	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.15	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_FACH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.16	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_FACH: Failure (Physical channel failure)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.17	RRC / Physical Channel Reconfiguration from CELL_DCH to CELL_DCH (Hard Handover to another frequency): Success (Subsequently received)	C01	UEs supporting FDD and supporting PS bearer service.
8.2.6.18	RRC / Physical Channel Reconfiguration from CELL_FACH to CELL_DCH: Success (Subsequently received)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.19	RRC / Physical channel from CELL_DCH to CELL_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.20	RRC / Physical channel from CELL_DCH to URA_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.21	RRC / Physical channel Reconfiguration from CELL_FACH to URA_PCH: Success	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.22	RRC / Physical channel Reconfiguration from CELL_FACH to URA_PCH: Failure (Suspension of signalling bearer)	C06	UEs supporting FDD and supporting PS bearer service.
8.2.7	RRC / Physical Shared Channel Allocation [TDD only]	[FFS]	Inclusion of this test cases if FFS
8.2.8	RRC / PUSCH capacity request [TDD only]	[FFS]	Inclusion of this test cases if FFS
8.2.9.1	RRC / Downlink outer loop control: Increase is Disallowed	C01	UEs supporting FDD.
8.2.9.2	RRC / Downlink outer loop control: Increase is Allowed	C01	UEs supporting FDD.
8.2.9.3	RRC / Downlink outer loop control: Failure (Invalid message reception)	C01	UEs supporting FDD.
8.3.1.1	RRC / Cell Update: cell reselection in CELL_FACH	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.2	RRC / Cell Update: cell reselection in CELL_PCH	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.3	RRC / Cell Update: periodical cell update in CELL_FACH	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.4	RRC / Cell Update: periodical cell update in CELL_PCH	C06	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Applicability	Comments
8.3.1.5	RRC / Cell Update: UL data transmission in URA_PCH	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.6	RRC / Cell Update: UL data transmission in CELL_PCH	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.7	RRC / Cell Update: paging response in URA_PCH	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.8	RRC / Cell Update: paging response in CELL_PCH	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.9	RRC / Cell Update: re-entering of service area after T305 expiry and being out of service area	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.10	RRC / Cell Update: expiry of T307 after T305 expiry and being out of service area	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.11	RRC / Cell Update: Success after T302 time-out	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.12	RRC / Cell Update: Failure (After Maximum Re-transmissions)	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.13	RRC / Cell Update: Reception of Invalid CELL UPDATE CONFIRM message	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.14	RRC / Cell Update: Radio Bearer Control for Transition from CELL_DCH to CELL_FACH	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.15	RRC / Cell Update: Acknowledged Mode RLC Reset	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.16	RRC / Cell Update: cell reselection in CELL_FACH (in non-ciphering mode)	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.17	RRC / Cell Update: Failure (UTRAN initiate an RRC connection release procedure on DCCH)	C06	UEs supporting FDD and supporting PS bearer service.
8.3.2.1	RRC / URA Update: URA reselection	C06	UEs supporting FDD and supporting PS bearer service.
8.3.2.2	RRC / URA Update: periodical URA update	C06	UEs supporting FDD and supporting PS bearer service.
8.3.2.3	RRC / URA Update: re-entering of service area after T306 expiry	C06	UEs supporting FDD and supporting PS bearer service.
8.3.2.4	RRC / URA Update: loss of service after expiry of timers T307 after T306	C06	UEs supporting FDD and supporting PS bearer service.
8.3.2.5	RRC / URA Update: Success after Confirmation error of URA-ID list	C06	UEs supporting FDD and supporting PS bearer service.
8.3.2.6	RRC / URA Update: Failure (V303 is greater than N303: Confirmation error of URA-ID list)	C06	UEs supporting FDD and supporting PS bearer service.
8.3.2.7	RRC / URA Update: Success after T303 timeout	C06	UEs supporting FDD and supporting PS bearer service.
8.3.2.8	RRC / URA Update: Failure (V303 is greater than N303: T303 timeout)	C06	UEs supporting FDD and supporting PS bearer service.
8.3.2.9	RRC / URA Update: Failure (UTRAN initiate an RRC connection release procedure on DCCH)	C06	UEs supporting FDD and supporting PS bearer service.
8.3.3.1	RRC / UTRAN Mobility Information: Success	C01	UEs supporting FDD.
8.3.3.2	RRC / UTRAN Mobility Information: Failure (Invalid message reception)	C01	UEs supporting FDD.
8.3.4.1	RRC / Active set update in soft handover: Radio Link addition	C01	UEs supporting FDD.
8.3.4.2	RRC / Active set update in soft handover: Radio Link removal	C01	UEs supporting FDD.
8.3.4.3	RRC / Active set update in soft handover: Combined radio link addition and removal (active set is not full)	C01	UEs supporting FDD.
8.3.4.4	RRC / Active set update in soft handover: Unsupported Configuration in the UE	C01	UEs supporting FDD.
8.3.4.5	RRC / Active set update in soft handover: Combined radio link addition and removal (active set is full)	C01	UEs supporting FDD.
8.3.4.6	RRC / Active set update in soft handover: Incompatible simultaneous reconfiguration	C01	UEs supporting FDD.
8.3.4.7	RRC / Active set update in soft handover: Invalid Message Reception	C01	UEs supporting FDD.
8.3.5.1	RRC / Hard Handover: success	[FFS]	Inclusion of this test case is FFS
8.3.5.2	RRC / Hard Handover: Unsupported Configuration in the UE	[FFS]	Inclusion of this test case is FFS
8.3.5.3	RRC / Hard Handover: Physical channel failure	[FFS]	Inclusion of this test case is FFS
8.3.6	RRC / Inter system hard handover to UTRAN	[FFS]	Inclusion of this test case is FFS
8.3.7	RRC / Inter system hard handover from UTRAN	[FFS]	Inclusion of this test case is FFS
8.3.8	RRC / Inter system cell reselection to UTRAN	[FFS]	Inclusion of this test case is FFS
8.3.9	RRC / Inter system cell reselection from UTRAN	[FFS]	Inclusion of this test case is FFS

Clause	Title	Applicability	Comments
8.4.1.1	RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_DCH state	C01	UEs supporting FDD.
8.4.1.2	RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_DCH state	C01	UEs supporting FDD.
8.4.1.3	RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_FACH state	C01	UEs supporting FDD.
8.4.1.4	RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_FACH state	C01	UEs supporting FDD.
8.4.1.5	RRC / Measurement Control and Report: Intra-frequency measurement for transition from CELL_DCH to CELL_FACH state	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.6	RRC / Measurement Control and Report: Inter-frequency measurement for transition from CELL_DCH to CELL_FACH state	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.7	RRC / Measurement Control and Report: Intra-frequency measurement for transition from CELL_FACH to CELL_DCH state	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.8	RRC / Measurement Control and Report: Inter-frequency measurement for transition from CELL_FACH to CELL_DCH state	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.9	RRC / Measurement Control and Report: Unsupported measurement in the UE	C09	UEs supporting FDD and not supporting Inter-system measurement for GSM.
8.4.1.10	RRC / Measurement Control and Report: Failure (Invalid Message Reception)	C01	UEs supporting FDD.
8.4.1.11	Measurement Control and Report: Compressed Mode Configuration Failure during radio bearer reconfiguration procedure	C01	UEs supporting FDD
8.4.1.12	Measurement Control and Report: Compressed Mode Configuration Failure during transport channel reconfiguration procedure	C01	UEs supporting FDD
8.4.1.13	Measurement Control and Report: Compressed Mode Configuration Failure during physical channel reconfiguration procedure	C01	UEs supporting FDD
MOBILITY MANAGEMENT			
9.1	TMSI reallocation	[FFS]	[FFS]
9.2.1	Authentication accepted	[FFS]	[FFS]
9.2.2	Authentication rejected	[FFS]	[FFS]
9.3.1	General Identification	[FFS]	[FFS]
9.3.2	Handling of IMSI shorter than the maximum length	[FFS]	[FFS]
9.4.1	Location updating / accepted	[FFS]	[FFS]
9.4.2.1	Location updating / rejected / IMSI invalid	[FFS]	[FFS]
9.4.2.2	Location updating / rejected / PLMN not allowed	[FFS]	[FFS]
9.4.2.3	Location updating / rejected / location area not allowed	[FFS]	[FFS]
9.4.2.4	Location updating / rejected / roaming not allowed in this location area	[FFS]	[FFS]
9.4.3.1	Location updating / abnormal cases / random access fails	[FFS]	[FFS]
9.4.3.2	Location updating / abnormal cases / attempt counter less or equal to 4, LAI different	[FFS]	[FFS]
9.4.3.3	Location updating / abnormal cases / attempt counter equal to 4	[FFS]	[FFS]
9.4.3.4	Location updating / abnormal cases / attempt counter less or equal to 4, stored LAI equal to broadcast LAI	[FFS]	[FFS]
9.4.4	Location updating / release / expiry of T3240	[FFS]	[FFS]
9.4.5.1	Location updating / periodic spread	[FFS]	[FFS]
9.4.5.2	Location updating / periodic normal / test 1	[FFS]	[FFS]
9.4.5.3	Location updating / periodic normal / test 2	[FFS]	[FFS]
9.4.5.4.1	Location updating / periodic HPLMN search / UE waits time T	[FFS]	[FFS]
9.4.5.4.2	Location updating / periodic HPLMN search / UE in manual mode	[FFS]	[FFS]
9.4.5.4.3	Location updating / periodic HPLMN search / UE waits at least two minutes and at most T minutes	[FFS]	[FFS]
9.4.6	Location updating / interworking of attach and periodic	[FFS]	[FFS]
9.5.2	MM connection / establishment with cipher	[FFS]	[FFS]

Clause	Title	Applicability	Comments
9.5.3	MM connection / establishment without cipher	[FFS]	[FFS]
9.5.4	MM connection / establishment rejected	[FFS]	[FFS]
9.5.5	MM connection / establishment rejected cause 4	[FFS]	[FFS]
9.5.6	MM connection / expiry T3230	[FFS]	[FFS]
9.5.7.1	MM connection / abortion by the network / cause #6	[FFS]	[FFS]
9.5.7.2	MM connection / abortion by the network / cause not equal to #6	[FFS]	[FFS]
9.5.8.1	MM connection / follow-on request pending / test 1	[FFS]	[FFS]
9.5.8.2	MM connection / follow-on request pending / test 2	[FFS]	[FFS]
9.5.8.3	MM connection / follow-on request pending / test 3	[FFS]	[FFS]
CALL CONTROL			
10.1.2.1.1	Outgoing call / U0 null state / MM connection requested	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.2.1	Outgoing call / U0.1 MM connection pending / CM service rejected	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.2.2	Outgoing call / U0.1 MM connection pending / CM service accepted	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.2.3	Outgoing call / U0.1 MM connection pending / lower layer failure	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.1	Outgoing call / U1 call initiated / receiving CALL PROCEEDING	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.2	Outgoing call / U1 call initiated / rejecting with RELEASE COMPLETE	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.3	Outgoing call / U1 call initiated / T303 expiry	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.4	Outgoing call / U1 call initiated / lower layer failure	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.5	Outgoing call / U1 call initiated / receiving ALERTING	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.6	Outgoing call / U1 call initiated / entering state U10	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.7	Outgoing call / U1 call initiated / unknown message received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.1	Outgoing call / U3 UE originating call proceeding / ALERTING received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.2	Outgoing call / U3 UE originating call proceeding / CONNECT received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.3	Outgoing call / U3 UE originating call proceeding / PROGRESS received without in band information	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.4	Outgoing call / U3 UE originating call proceeding / PROGRESS with in band information	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.5	Outgoing call / U3 UE originating call proceeding / DISCONNECT with in band tones	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.6	Outgoing call / U3 UE originating call proceeding / DISCONNECT without in band tones	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.7	Outgoing call / U3 UE originating call proceeding / RELEASE received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.8	Outgoing call / U3 UE originating call proceeding / termination requested by the user	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.9	Outgoing call / U3 UE originating call proceeding / traffic channel allocation	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.10	Outgoing call / U3 UE originating call proceeding / timer T310 time-out	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.11	Outgoing call / U3 UE originating call proceeding / lower layer failure	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.12	Outgoing call / U3 UE originating call proceeding / unknown message received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.13	Outgoing call / U3 UE originating call proceeding / Internal alerting indication	C13	UEs supporting mobile originated circuit switched basic service for telephony
10.1.2.5.1	Outgoing call / U4 call delivered / CONNECT received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.2	Outgoing call / U4 call delivered / termination requested by the user	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.3	Outgoing call / U4 call delivered / DISCONNECT with in band tones	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.4	Outgoing call / U4 call delivered / DISCONNECT without in band tones	C10	UEs supporting at least one mobile originated circuit switched basic service

Clause	Title	Applicability	Comments
10.1.2.5.5	Outgoing call / U4 call delivered / RELEASE received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.6	Outgoing call / U4 call delivered / lower layer failure	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.7	Outgoing call / U4 call delivered / traffic channel allocation	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.8	Outgoing call / U4 call delivered / unknown message received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.1	U10 call active / termination requested by the user	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.2	U10 call active / RELEASE received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.3	U10 call active / DISCONNECT with in band tones	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.4	U10 call active / DISCONNECT without in band tones	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.5	U10 call active / RELEASE COMPLETE received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.6	U10 call active / SETUP received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.1	U11 disconnect request / clear collision	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.2	U11 disconnect request / RELEASE received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.3	U11 disconnect request / timer T305 time-out	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.4	U11 disconnect request / lower layer failure	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.5	U11 disconnect request / unknown message received	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.8.1	U12 disconnect indication / call releasing requested by the user	C13	UEs supporting bearer capability for speech.= UE supporting mobile originated circuit switched basic service for telephony
10.1.2.8.2	U12 disconnect indication / RELEASE received	C13	UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony
10.1.2.8.3	U12 disconnect indication / lower layer failure	C13	UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony
10.1.2.8.4	U12 disconnect indication / unknown message received	C13	UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony
10.1.2.9.1	Outgoing call / U19 release request / timer T308 time-out	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.2.9.2	Outgoing call / U19 release request / 2nd timer T308 time-out	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.2.9.3	Outgoing call / U19 release request / RELEASE received	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.2.9.4	Outgoing call / U19 release request / RELEASE COMPLETE received	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.2.9.5	Outgoing call / U19 release request / lower layer failure	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.3.1.1	Incoming call / U0 null state / SETUP received with a non supported bearer capability	R	All UEs.
10.1.3.2.1	Incoming call / U6 call present / automatic call rejection	C11	UEs upporting at least one mobile terminating circuit switched basic service.
10.1.3.3.1	Incoming call / U9 mobile terminating call confirmed / alerting or immediate connecting	C11	UEs upporting at least one mobile terminating circuit switched basic service.
10.1.3.3.2	Incoming call / U9 mobile terminating call confirmed / DTCH assignment	C41	UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.
10.1.3.3.3	Incoming call / U9 mobile terminating call confirmed / termination requested by the user	C41	UEs supporting at least one MT circuit switched basic service for which immediate connection is not used
10.1.3.3.4	Incoming call / U9 mobile terminating call confirmed / DISCONNECT received	C41	UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.

Clause	Title	Applicability	Comments
10.1.3.3.5	Incoming call / U9 mobile terminating call confirmed / RELEASE received	C41	UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.
10.1.3.3.6	Incoming call / U9 mobile terminating call confirmed / lower layer failure	C41	UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.
10.1.3.3.7	Incoming call / U9 mobile terminating call confirmed / unknown message received	C41	UEs supporting at least MT circuit switched basic service, for which immediate connect is not used.
10.1.3.4.1	Incoming call / U7 call received / call accepted	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.2	Incoming call / U7 call received / termination requested by the user	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.3	Incoming call / U7 call received / DISCONNECT received	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.4	Incoming call / U7 call received / RELEASE received	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.5	Incoming call / U7 call received / lower layer failure	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.6	Incoming call / U7 call received / unknown message received	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.7	Incoming call / U7 call received / DTCH assignment	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.8	Incoming call / U7 call received / RELEASE COMPLETE received	C41	UEs supporting at least one mobile terminating circuit switched basic service, for which immediate connect is not used.
10.1.3.5.1	Incoming call / U8 connect request / CONNECT acknowledged	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.2	Incoming call / U8 connect request / timer T313 time-out	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.3	Incoming call / U8 connect request / termination requested by the user	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.4	Incoming call / U8 connect request / DISCONNECT received with in-band information	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.5	Incoming call / U8 connect request / DISCONNECT received without in-band information	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.6	Incoming call / U8 connect request / RELEASE received	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.7	Incoming call / U8 connect request / lower layer failure	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.8	Incoming call / U8 connect request / DTCH assignment	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.9	Incoming call / U8 connect request / unknown message received	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.4.1.1	In-call functions / DTMF information transfer / basic procedures	C13	UEs supporting any equipment supporting bearer capability for speech= UE supporting mobile originated circuit switched basic service for telephony
10.1.4.2.1	In-call functions / User notification / UE terminated	C14	UEs supporting at least one circuit switched basic service.

Clause	Title	Applicability	Comments
10.1.4.3.1	In-call functions / channel changes / a successful channel change in active state/ Handover and Assignment Command	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.4.3.2	In-call functions / channel changes / an unsuccessful channel change in active mode/ Handover and Assignment Command	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.4.4.1	In-call functions / MS terminated in-call modification / modify when new mode is not supported	C14	UEs supporting at least one circuit switched basic service.
10.1.4.5.1	In-call functions / MS originated in-call modification / a successful case of modifying	C15	UEs supporting any dual mode bearer capability service (Teleservice 61 - Alternate Speech/Group 3 fax)
10.1.4.5.2	In-call functions / MS originated in-call modification / modify rejected	C15	UEs supporting any dual mode bearer capability service (Teleservice 61 - Alternate Speech/Group 3 fax)
10.1.4.5.3	In-call functions / MS originated in-call modification / an abnormal case of acceptance	C15	UEs supporting any dual mode bearer capability service (Teleservice 61 - Alternate Speech/Group 3 fax)
10.1.4.5.4	In-call functions / MS originated in-call modification / an abnormal case of rejection	C15	UEs supporting any dual mode bearer capability service (Teleservice 61 - Alternate Speech/Group 3 fax)
10.1.4.5.5	In-call functions / MS originated in-call modification / time-out of timer T323	C15	UEs supporting any dual mode bearer capability service (Teleservice 61 - Alternate Speech/Group 3 fax)
10.1.4.5.6	In-call functions / MS originated in-call modification / a successful channel change in state mobile originating modify	C15	UEs supporting any dual mode bearer capability service (Teleservice 61 - Alternate Speech/Group 3 fax)
10.1.4.5.7	In-call functions / MS originated in-call modification / an unsuccessful channel change in state mobile originating modify	C15	UEs supporting any dual mode bearer capability service (Teleservice 61 - Alternate Speech/Group 3 fax)
10.1.4.5.8	In-call functions / MS originated in-call modification / unknown message received	C15	UEs supporting any dual mode bearer capability service (Teleservice 61 - Alternate Speech/Group 3 fax)
10.1.4.5.9	In-call functions / MS originated in-call modification / a release complete received	C15	UEs supporting any dual mode bearer capability service (Teleservice 61 - Alternate Speech/Group 3 fax)
10.2.1	Call Re-establishment/call present, re-establishment allowed	C16	UEs supporting at least one bearer capability.
10.2.2	Call Re-establishment/call under establishment, transmission stopped	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.3	User to user signalling	C11	UEs supporting at least one mobile terminating circuit switched basic service.
SESSION MANAGEMENT			
11.1.1.1	Attach initiated by context activation/QoS Offered by Network is the QoS Requested	C12	UE supporting PS domain services.
11.1.1.2.1	QoS offered by the network is a lower QoS / QoS accepted by UE	C12	UE supporting PS domain services.
11.1.1.2.2	QoS offered by the network is a lower QoS / QoS rejected by UE	C12	UE supporting PS domain services. This test may not be applicable to the UEs which support all QoS and it is not possible to configure the UE to reject any QoS.
11.1.2	PDP context activation requested by the network, successful and unsuccessful	C17	UE supporting PS domain services configured in such a way that one or more PDP contexts can be active simultaneously.
11.1.3.1	Abnormal Cases / T3380 Expiry	C12	UE supporting PS domain services.
11.1.3.2	Abnormal Cases / Collision of UE initiated and network requested PDP context activation	C17	UE supporting PS domain services configured in such a way that one or more PDP contexts can be active simultaneously.
11.1.3.3	Network initiated PDP context activation request for an already activated PDP context (on the UE side)	C12	UE supporting PS domain services.
11.1.4.1.1	Successful secondary PDP context activation procedure initiated by the UE/QoS Offered by Network is the QoS Requested	C12	UE supporting PS domain services.
11.1.4.1.2.1	Successful secondary PDP context activation procedure Initiated by the UE/QoS Offered by Network is a lower QoS/QoS accepted by UE	C12	UE supporting PS domain services.

Clause	Title	Applicability	Comments
11.1.4.1.2.2	Successful secondary PDP context activation procedure Initiated by the UE/QoS Offered by Network is a lower QoS/QoS rejected by UE	C12	UE supporting PS domain services.
11.1.4.2	Unsuccessful Secondary PDP Context Activation Procedure Initiated by the UE	C12	UE supporting PS domain services.
11.1.4.2.1	Abnormal cases/T3380 Expiry	C12	UE supporting PS domain services.
11.2.1	Network initiated PDP context modification	C12	UE supporting PS domain services.
11.2.2.1	UE initiated PDP context modification/UE initiated PDP context modification accepted by network	C12	UE supporting PS domain services.
11.2.2.2	UE initiated PDP context modification/UE initiated PDP context modification not accepted by network	C12	UE supporting PS domain services.
11.2.3.1	Abnormal Cases/T3381 Expiry	C12	UE supporting PS domain services.
11.2.3.2	Collision of UE and network initiated PDP context modification procedures	C12	UE supporting PS domain services.
11.3.1	PDP context deactivation initiated by the UE	C12	UE supporting PS domain services.
11.3.2	PDP context deactivation initiated by the network	C12	UE supporting PS domain services.
11.3.3.1	Abnormal cases / T3390 Expiry	C12	UE supporting PS domain services.
11.3.3.2	Abnormal cases / Collision of UE and network initiated PDP context deactivation requests	C12	UE supporting PS domain services.
11.4.1	Error cases	C12	UE supporting PS domain services.
PACKET SWITCHED MOBILITY MANAGEMENT			
12.2.1.1	PS attach / accepted	C12	UE supporting PS domain services.
12.2.1.2	PS attach / rejected / IMSI invalid / illegal UE	C12	UE supporting PS domain services.
12.2.1.3	PS attach / rejected / IMSI invalid / PS services not allowed	C12	UE supporting PS domain services.
12.2.1.4	PS attach / rejected / PLMN not allowed	C12	UE supporting PS domain services.
12.2.1.5	PS attach / rejected / roaming not allowed in this location area	C12	UE supporting PS domain services.
12.2.1.6	PS attach / abnormal cases / access barred due to access class control	C12	UE supporting PS domain services.
12.2.1.7	PS attach / abnormal cases / change of cell into new routing area	C12	UE supporting PS domain services.
12.2.1.8	PS attach / abnormal cases / power off	C12	UE supporting PS domain services.
12.2.1.9	PS attach / abnormal cases / PS detach procedure collision	C12	UE supporting PS domain services.
12.2.2.1	Combined PS attach / PS and non-PS attach accepted	C88	UE supporting PS domain services and CS domain services.
12.2.2.2	Combined PS attach / PS only attach accepted	C88	UE supporting PS domain services and CS domain services.
12.2.2.3	Combined PS attach / PS attach while IMSI attach	C88	UE supporting PS domain services and CS domain services.
12.2.2.4	Combined PS attach / rejected / IMSI invalid / illegal ME	C88	UE supporting PS domain services and CS domain services.
12.2.2.5	Combined PS attach / rejected / PS services and non-PS services not allowed	C88	UE supporting PS domain services and CS domain services.
12.2.2.6	Combined PS attach / rejected / PS services not allowed	C88	UE supporting PS domain services and CS domain services.
12.2.2.7	Combined PS attach / rejected / location area not allowed	C88	UE supporting PS domain services and CS domain services.
12.2.2.8	Combined PS attach / abnormal cases / attempt counter check / miscellaneous reject causes	C88	UE supporting PS domain services and CS domain services.
12.2.2.9	Combined PS attach / abnormal cases / PS detach procedure collision	C88	UE supporting PS domain services and CS domain services.
12.3.1.1	PS detach / power off / accepted	C12	UE supporting PS domain services.
12.3.1.2	PS detach / accepted	C12	UE supporting PS domain services.
12.3.1.3	PS detach / abnormal cases / attempt counter check / procedure timeout	C12	UE supporting PS domain services.
12.3.1.4	PS detach / abnormal cases / GMM common procedure collision	C12	UE supporting PS domain services.
12.3.1.5	PS detach / power off / accepted	C12	UE supporting PS domain services.
12.3.1.6	PS detach / accepted / PS/IMSI detach	C12	UE supporting PS domain services.
12.3.1.7	PS detach / accepted / IMSI detach	C12	UE supporting PS domain services.
12.3.1.8	PS detach / abnormal cases / change of cell into new routing area	C12	UE supporting PS domain services.
12.3.1.9	PS detach / abnormal cases / PS detach procedure collision	C12	UE supporting PS domain services.
12.3.2.1	PS detach / re-attach not required / accepted	C12	UE supporting PS domain services.
12.3.2.2	PS detach / rejected / IMSI invalid / PS services not allowed	C12	UE supporting PS domain services.

Clause	Title	Applicability	Comments
12.3.2.3	PS detach / IMSI detach / accepted	C12	UE supporting PS domain services.
12.3.2.4	PS detach / re-attach requested / accepted	C12	UE supporting PS domain services.
12.3.2.5	PS detach / rejected / location area not allowed	C12	UE supporting PS domain services.
12.4.1.1	Routing area updating / accepted	C12	UE supporting PS domain services.
12.4.1.2	Routing area updating / rejected / IMSI invalid / illegal ME	C12	UE supporting PS domain services.
12.4.1.3	Routing area updating / rejected / UE identity cannot be derived by the network	C12	UE supporting PS domain services.
12.4.1.4	Routing area updating / rejected / location area not allowed	C12	UE supporting PS domain services.
12.4.1.5	Routing area updating / abnormal cases / attempt counter check / miscellaneous reject causes	C12	UE supporting PS domain services.
12.4.1.6	Routing area updating / abnormal cases / change of cell into new routing area	C12	UE supporting PS domain services.
12.4.1.7	Routing area updating / abnormal cases / change of cell during routing area updating procedure	C12	UE supporting PS domain services.
12.4.1.8	Routing area updating / abnormal cases / P-TMSI reallocation procedure collision	C12	UE supporting PS domain services.
12.4.2.1	Combined routing area updating / combined RA/LA accepted	C88	UE supporting PS domain services and CS domain services.
12.4.2.2	Combined routing area updating / UE in CS operation at change of RA	C88	UE supporting PS domain services and CS domain services.
12.4.2.3	Combined routing area updating / RA only accepted	C88	UE supporting PS domain services and CS domain services.
12.4.2.4	Combined routing area updating / rejected / PLMN not allowed	C88	UE supporting PS domain services and CS domain services.
12.4.2.5	Combined routing area updating / rejected / roaming not allowed in this location area	C88	UE supporting PS domain services and CS domain services.
12.4.2.6	Combined routing area updating / abnormal cases / access barred due to access class control	C88	UE supporting PS domain services and CS domain services.
12.4.2.7	Combined routing area updating / abnormal cases / attempt counter check / procedure timeout	C88	UE supporting PS domain services and CS domain services.
12.4.2.8	Combined routing area updating / abnormal cases / change of cell into new routing area	C88	UE supporting PS domain services and CS domain services.
12.4.2.9	Combined routing area updating / abnormal cases / change of cell during routing area updating procedure	C88	UE supporting PS domain services and CS domain services.
12.4.2.10	Combined routing area updating / abnormal cases / PS detach procedure collision	C88	UE supporting PS domain services and CS domain services.
12.4.3.1	Periodic routing area updating / accepted	C12	UE supporting PS domain services.
12.4.3.2	Periodic routing area updating / accepted / T3312 default value	C12	UE supporting PS domain services.
12.4.3.3	Periodic routing area updating / no cell available / network mode I	C12	UE supporting PS domain services.
12.4.3.4	Combined periodic routing area updating / no cell available	C88	UE supporting PS domain services and CS domain services.
12.5	P-TMSI reallocation	C12	UE supporting PS domain services.
12.6.1.1	Authentication accepted	C12	UE supporting PS domain services.
12.6.1.2	Authentication rejected	C12	UE supporting PS domain services.
12.6.2.1	Ciphering mode / start ciphering	C12	UE supporting PS domain services.
12.6.2.2	Ciphering mode / stop ciphering	C12	UE supporting PS domain services.
12.6.2.3	Ciphering mode / IMEISV request	C12	UE supporting PS domain services.
12.7.1	General Identification	C12	UE supporting PS domain services.
12.8	GMM READY timer handling	C12	UE supporting PS domain services.
	GENERAL TESTS	[FFS]	[FFS]
13.2.1.1	Emergency call / with USIM / accept case	[FFS]	UEs supporting narrow band speech (AMR)
13.2.2.1	Emergency call / without USIM / accept case	[FFS]	UEs supporting narrow band speech (AMR)
13.2.2.2	Emergency call / without USIM / reject case	[FFS]	UEs supporting narrow band speech (AMR)
RADIO BEARER SERVICES			
	Combinations on DPCH		
14.2.1	Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH	C42	UEs supporting DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.2	Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH	C42	UEs supporting

Clause	Title	Applicability	Comments
			DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.3	Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH	C42	UEs supporting DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C43	UEs supporting Narrow band speech (AMR); and CS bearer services; and Conversational traffic class; and DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.5	Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C43	UE supporting Narrow band speech (AMR); and CS bearer services; and Conversational traffic class; and DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.6	Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C43	UE supporting Narrow band speech (AMR); and CS bearer services; and Conversational traffic class; and DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.7	Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH	C43	UE supporting Narrow band speech (AMR); and CS bearer services; and Conversational traffic class; and DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.8	Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C43	UE supporting Narrow band speech (AMR); and CS bearer services; and Conversational traffic class; and DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.9	Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C43	UE supporting Narrow band speech (AMR); and CS bearer services; and Conversational traffic class; and DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.10	Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH	C43	UE supporting Narrow band speech (AMR); and CS bearer services; and Conversational traffic class; and DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.11	Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH	C43	UE supporting Narrow band speech (AMR); and CS bearer services; and Conversational traffic class; and DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.12	Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for	C44	UE supporting CS bearer services; and

Clause	Title	Applicability	Comments
	DCCH		Conversational traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
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	C44	UE supporting CS bearer services; and Conversational traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
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	C44	UE supporting CS bearer services; and Conversational traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
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	C44	UE supporting CS bearer services; and Conversational traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
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	C44	UE supporting CS bearer services; and Conversational traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.15	Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C45	UE supporting CS bearer services; and Streaming traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.16	Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C45	UE supporting CS bearer services; and Streaming traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.17	Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C45	UE supporting CS bearer services; and Streaming traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.18	Streaming / unknown / UL:0 DL:64 kbps / CS or PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C46	UE supporting CS or PS bearer services; and Streaming traffic class; and DL 64 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.19	Streaming / unknown / UL:64 DL:0 kbps / CS or PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C47	UE supporting CS or PS bearer services; and Streaming traffic class; and DL 32 kbps class or higher; and UL 64 kbps class or higher. See Note 1.
14.2.20	Streaming / unknown / UL:0 DL:128 kbps / CS or PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C48	UE supporting CS or PS bearer services; and Streaming traffic class; and DL 384 kbps class or higher; and UL 32 kbps class or higher. See Note 1.

Clause	Title	Applicability	Comments
14.2.21	Streaming / unknown / UL:128 DL:0 kbps / CS or PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C49	UEs supporting CS or PS bearer services; and Streaming traffic class; and DL 32 kbps class or higher; and UL 384 kbps class or higher. See Note 1
14.2.22	Streaming / unknown / UL:0 DL:384 kbps / CS or PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C50	UE supporting CS or PS bearer services; and Streaming traffic class; and DL 2048 kbps class; and UL 32 kbps class or higher. See Note 1
14.2.23.1	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	C89	UE supporting PS bearer services; and Interactive or background traffic class; and DL 32 kbps class or higher; and UL 32 kbps class or higher; and Turbo Coding. See Note 1
14.2.23.2	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	C89	UE supporting PS bearer services; and Interactive or background traffic class; and DL 32 kbps class or higher; and UL 32 kbps class or higher; and Turbo Coding. See Note 1
14.2.23.3	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	C51	UE supporting PS bearer services; and Interactive or background traffic class; and DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.23.4	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	C51	UE supporting PS bearer services; and Interactive or background traffic class; and DL 32 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.24	Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C52	UE supporting PS bearer services; and Interactive or background traffic class; and DL 32 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.25.1	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)	C90	UE supporting PS bearer services; and Interactive or background traffic class; and DL 64 kbps class or higher; and UL 32 kbps class or higher; and Turbo Coding. See Note 1
14.2.25.2	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	C90	UE supporting PS bearer services; and Interactive or background traffic class; and DL 64 kbps class or higher; and UL 32 kbps class or higher; and Turbo Coding. See Note 1
14.2.25.3	Interactive or background / UL:32 DL: 64 kbps /	C53	UE supporting

Clause	Title	Applicability	Comments
	PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)		PS bearer services; and Interactive or background traffic class; and DL 64 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.25.4	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	C53	UE supporting PS bearer services; and Interactive or background traffic class; and DL 64 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.26	Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C54	UE supporting PS bearer services; and Interactive or background traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.27	Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C55	UE supporting PS bearer services; and Interactive or background traffic class; and DL 128 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.28	Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C56	UE supporting PS bearer services; and Interactive or background traffic class; and DL 128 kbps class or higher; and UL 128 kbps class or higher. See Note 1
14.2.29	Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	C55	UE supporting PS bearer services; and Interactive or background traffic class; and DL 128 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.30	Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	C56	UE supporting PS bearer services; and Interactive or background traffic class; and DL 128 kbps class or higher; and UL 128 kbps class or higher. See Note 1
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	C57	UE supporting PS bearer services; and Interactive or background traffic class; and DL 384 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.31.2	Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI	C57	UE supporting PS bearer services; and Interactive or background traffic class; and DL 384 kbps class or higher; and UL 64 kbps class or higher. See Note 1
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	C57	UE supporting PS bearer services; and Interactive or background traffic class; aand

Clause	Title	Applicability	Comments
			DL 384 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.32.2	Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	C60	UE supporting PS bearer services; and Interactive or background traffic class; and DL 768 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.33.1	Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	C58	UE supporting PS bearer services; and Interactive or background traffic class; and DL 384 kbps class or higher; and UL 128 kbps class or higher. See Note 1
14.2.33.2	Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	C61	UE supporting PS bearer services; and Interactive or background traffic class; and DL 768 kbps class or higher; and UL 128 kbps class or higher. See Note 1
14.2.34.1	Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	C59	UEs supporting PS bearer services; and Interactive or background traffic class; and DL 384 kbps class or higher; and UL 384 kbps class or higher. See Note 1
14.2.34.2	Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	C62	UE supporting PS bearer services; and Interactive or background traffic class; and DL 768 kbps class or higher; and UL 768 kbps class or higher. See Note 1
14.2.35.1	Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	C63	UE supporting PS bearer services; and Interactive or background traffic class; and DL 2048 kbps class; and UL 64 kbps class or higher. See Note 1
14.2.35.2	Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	C63	UE supporting PS bearer services; and Interactive or background traffic class; and DL 2048 kbps class; and UL 64 kbps class or higher. See Note 1
14.2.36.1	Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	C64	UE supporting PS bearer services; and Interactive or background traffic class; and DL 2048 kbps class; and UL 128 kbps class or higher. See Note 1
14.2.36.2	Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	C64	UE supporting PS bearer services; and Interactive or background traffic class; and DL 2048 kbps class; and UL 128 kbps class or higher.

Clause	Title	Applicability	Comments
			See Note 1
14.2.37.1	Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	C65	UE supporting PS bearer services; and Interactive or background traffic class; and DL 2048 kbps class; and UL 384 kbps class or higher. See Note 1
14.2.37.2	Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	C66	UE supporting PS bearer services; and Interactive or background traffic class; and DL 2048 kbps class; and UL 768 kbps class. See Note 1
14.2.38.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI	C91	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher; and Turbo Coding.. See Note 1
14.2.38.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI	C91	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher; and Turbo Coding. See Note 1
14.2.38.3	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI	C67	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.38.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI	C67	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.39.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	C92	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher; and Turbo Coding. See Note 1
14.2.39.2	Conversational / speech / UL:12.2 DL:12.2 kbps	C92	UE supporting

Clause	Title	Applicability	Comments
	/ CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)		Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher; and Turbo Coding. See Note 1
14.2.39.3	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	C67	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.39.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	C67	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
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	C67	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
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	C68	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 128 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.42	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C69	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 384 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.43.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	C69	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 384 kbps class or higher; and UL 64 kbps class or higher.

Clause	Title	Applicability	Comments
			See Note 1
14.2.43.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	C70	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 768 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.44.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	C71	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 2048 kbps class; and UL 128 kbps class or higher. See Note 1
14.2.44.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	C71	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 2048 kbps class; and UL 128 kbps class or higher. See Note 1
14.2.45	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C72	UE supporting Multicall (2xCS); and Narrow band speech (AMR); and CS bearer service; and Conversational traffic class; and Streaming traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.46	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS or PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C73	UE supporting Narrow band speech (AMR); and CS bearer service; and Multicall (2xCS) or Simultaneous CS and PS bearer services; and Conversational traffic class; and Streaming traffic class; and DL 64 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.47	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C74	UE supporting Narrow band speech (AMR); and CS bearer service; and Multicall (2xCS); and Conversational traffic class; and Streaming traffic class; and DL 128 kbps class or higher; and UL 32 kbps class or higher. See Note 1
14.2.48	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:384 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C75	UE supporting Narrow band speech (AMR); and CS bearer service; and Multicall (2xCS); and Conversational traffic class; and Streaming traffic class; and DL 2048 kbps class; and UL 32 kbps class or higher. See Note 1
14.2.49	Conversational / speech / UL:12.2 DL:12.2 kbps	C76	UE supporting

Clause	Title	Applicability	Comments
	/ CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		Multicall (2xCS); and Narrow band speech (AMR); and CS bearer services; and Conversational traffic class; and DL 64 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.50	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C77	UE supporting Multicall (2xCS); and CS bearer service; and Conversational traffic class; and DL 384 kbps class or higher; and UL 384 kbps class or higher. See Note 1
14.2.51	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C78	UE supporting Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 384 kbps class or higher; and UL 384 kbps class or higher. See Note 1
14.2.52	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C78	UE supporting Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 384 kbps class or higher; and UL 384 kbps class or higher. See Note 1
14.2.53	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C78	UE supporting Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 384 kbps class or higher; and UL 384 kbps class or higher. See Note 1
14.2.54	Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS or PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C79	UE supporting PS bearer services; and Streaming traffic class; and Interactive or Background traffic class; and DL 384 kbps class or higher; and UL 64 kbps class or higher. See Note 1
14.2.55	Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:128 kbps / CS or PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C80	UE supporting PS bearer services; and Streaming traffic class; and Interactive or Background traffic class; and DL 768 kbps class or higher; and UL 64 kbps class or higher. See Note 1
	Combinations on PDSCH and DPCH		
14.3.1	Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	C81	UE supporting PS bearer services; and Interactive or Background traffic class; and DL 768 kbps class or higher; and UL 64 kbps class or higher. Alternatively to DL 768 kbps class the test case may be applicable to DL 384 kbps class.

Clause	Title	Applicability	Comments
			See Note 1
14.3.2	Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	C81	UE supporting PS bearer services; and Interactive or Background traffic class; and DL 768 kbps class or higher; and UL 64 kbps class or higher. Alternatively to DL 768 kbps class the test case may be applicable to DL 384 kbps class. See Note 1
14.3.3	Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	C87	UE supporting PS bearer services; and Interactive or Background traffic class; and DL 2048 kbps class; and UL 64 kbps class or higher. See Note 1
14.3.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C82	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 768 kbps class or higher; and UL 64 kbps class or higher. Alternatively to DL 768 kbps class the test case may be applicable to DL 384 kbps class. See Note 1
14.3.5	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C82	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 768 kbps class or higher; and UL 64 kbps class or higher. Alternatively to DL 768 kbps class the test case may be applicable to DL 384 kbps class. See Note 1
14.3.6	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	C83	UE supporting Narrow band speech (AMR); and Simultaneous CS and PS bearer services; and Conversational traffic class; and Interactive or Background traffic class; and DL 2048 kbps class; and UL 64 kbps class or higher. See Note 1
	Combinations on SCCPCH		
14.4.1	Stand-alone signalling RB for PCCH	C84	UE supporting DL 32 kbps class or higher. See Note 1
14.4.2	Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH	C85	UE supporting PS bearer services; and Interactive or Background traffic class; and DL 32 kbps class or higher. See Note 1

Clause	Title	Applicability	Comments
14.4.3	Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH	C85	UE supporting PS bearer services; and Interactive or Background traffic class; and DL 32 kbps class or higher. See Note 1
	Combinations on PRACH		
14.5.1	Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH	C86	UE supporting PS bearer services; and Interactive or Background traffic class; and UL 32 kbps class or higher. See Note 1
SMS			
16.1.1	SMS on CS mode / SMS mobile terminated	C18	UE capable of receiving Short Message at any time on CS mode.
16.1.2	SMS on CS mode / SMS mobile originated	C20	UE capable of submitting Short Message at any time on CS mode.
16.1.3	SMS on CS mode / Test of memory full condition and memory available notification	C21	UE capable of sending the correct acknowledgement of memory full condition on CS mode.
16.1.4	SMS on CS mode / Test of the status report capabilities and of SMS-COMMAND	C22	UEs supporting the status report capabilities on CS mode.
16.1.5.1	SMS on CS mode / Short message class 0	C23	UE capable of displaying short messages on CS mode
16.1.5.2	SMS on CS mode / Test of class 1 short messages	C24	UE capable of displaying short messages and storing of received Class 1 Short Messages on CS mode
16.1.5.3	SMS on CS mode / Test of class 2 short messages	C25	UE capable of displaying short messages and storing of received Class 2 Short Messages in the SIM on CS mode.
16.1.5.4	SMS on CS mode / Test of class 3 short messages	[FFS]	[FFS]
16.1.6	SMS on CS mode / Test of short message type 0 (???)	[FFS]	[FFS}
16.1.7	SMS on CS mode / Test of the replace mechanism for SM type 1-7	C33	UEs which support Replace Short Messages and display of received Short Messages on CS mode.
16.1.8	SMS on CS mode / Test of the reply path scheme	C34	UEs which support reply procedures (the class of UEs for which this is mandatory is described in TS 23.040, annex 4) displaying of received Short Messages and submitting Short Messages on CS mode.
16.1.9.1	SMS on CS mode / Multiple SMS mobile originated / UE in idle mode	C35	UE supporting the ability of sending multiple short messages on the same RR connection when there is no call in progress on CS mode.
16.1.9.2	SMS on CS mode / Multiple SMS mobile originated / UE in active mode	C36	UE supporting the ability of sending concatenated multiple short messages when there is a call in progress on CS mode.
16.2.1	SMS on PS mode / SMS mobile terminated	C26	UE capable of receiving Short Message at any time on PS mode.
16.2.2	SMS on PS mode / SMS mobile originated	C27	UE capable of submitting Short Message at any time on PS mode.
16.2.3	SMS on PS mode / Test of memory full condition and memory available notification	C28	UE capable of sending the correct acknowledgement of memory full condition in PS mode.
16.2.4	SMS on PS mode / Test of the status report capabilities and of SMS-COMMAND	C29	UEs supporting the status report capabilities in PS mode.
16.2.5.1	Short message class 0	C30	UE capable of displaying short messages in PS mode
16.2.5.2	SMS on PS mode / Test of class 1 short messages	C31	UE capable of displaying short messages and storing of received Class 1 Short Messages in PS mode
16.2.5.3	SMS on PS mode / Test of class 2 short messages	C32	UE capable of displaying short messages and storing of received Class 2 Short Messages in the SIM in PS mode.

Clause	Title	Applicability	Comments
16.2.5.4	SMS on PS mode / Test of class 3 short messages	[FFS]	[FFS]
16.2.6	SMS on PS mode / Test of short message type 0 (???)	[FFS]	[FFS]
16.2.7	SMS on PS mode / Test of the replace mechanism for SM type 1-7	C37	UEs which support Replace Short Messages and display of received Short Messages in PS mode.
16.2.8	SMS on PS mode / Test of the reply path scheme	C38	UEs which support reply procedures (the class of UEs for which this is mandatory is described in TS 23.040, annex 4) displaying of received Short Messages and submitting Short Messages in PS mode.
16.2.9.1	SMS on PS mode / Multiple SMS mobile originated / UE in idle mode	C39	UE supporting the ability of sending multiple short messages on the same RR connection when there is no call in progress in PS mode.
16.2.9.2	SMS on PS mode / Multiple SMS mobile originated / UE in active mode	C40	UE supporting the ability of sending concatenated multiple short messages when there is a call in progress in PS mode.
16.3	Short message service cell broadcast	R	All UEs.
USER EQUIPMENT FEATURES			
17.1.2	Constraining the access to a single number	[FFS]	All UEs supporting autocalling
17.1.3	Constraining the access to a single number	[FFS]	All UEs supporting autocalling
17.1.4	Behaviour of the MS when its list of blacklisted numbers is full	[FFS]	UEs that are capable of autocalling more than M B-party numbers.

C01	IF A.1/1 OR A.1/3 OR A.1/4 OR A.1/6 THEN R ELSE N/A
C02	IF A.1/2 OR A.1/3 OR A.1/5 OR A.1/6 THEN R ELSE N/A
C03	IF A.1/3 OR A.1/6 THEN R ELSE N/A
C04	IF (A.1/1 OR A.1/3 OR A.1/4 OR A.1/6) AND A.2/1 THEN R ELSE N/A
C05	IF A.1/4 OR A.1/6 THEN R ELSE N/A
C06	IF (A.1/1 OR A.1/3 OR A.1/4 OR A.1/6) AND A.3/2 THEN R ELSE N/A
C07	IF (A.1/1 OR A.1/3 OR A.1/4 OR A.1/6) AND A.20/27 THEN R ELSE N/A
C08	IF (A.1/1 OR A.1/3 OR A.1/4 OR A.1/6) AND A.20/28 THEN R ELSE N/A
C09	IF (A.1/1 OR A.1/3 OR A.1/4 OR A.1/6) AND NOT A.20/3 THEN R ELSE N/A
C10	IF A.20/4 THEN R ELSE N/A
C11	IF A.20/5 THEN R ELSE N/A
C12	IF A.3/2 THEN R ELSE N/A
C13	IF A.2/1 OR A.2/2 OR A.10/2 THEN R ELSE N/A
C14	IF A.20/4 OR A.20/5 THEN R ELSE N/A
C15	IF A.10/2 THEN R ELSE N/A
C16	IF A.20/1 THEN R ELSE N/A
C17	IF A.3/3 AND A.20/7 THEN R ELSE N/A
C18	IF A.2/3 THEN R ELSE N/A
C19	IF A.1/1 THEN R ELSE N/A
C20	IF A.2/4 THEN R ELSE N/A
C21	IF A.20/8 AND A.3/1 THEN R ELSE N/A
C22	IF A.20/9 AND A.3/1 THEN R ELSE N/A
C23	IF A.20/10 AND A.3/1 THEN R ELSE N/A
C24	IF A.20/11 AND A.3/1 THEN R ELSE N/A
C25	IF A.20/12 AND A.3/1 THEN R ELSE N/A
C26	IF A.2/5 THEN R ELSE N/A
C27	IF A.2/6 THEN R ELSE N/A
C28	IF A.20/8 AND A.3/2 THEN R ELSE N/A
C29	IF A.20/9 AND A.3/2 THEN R ELSE N/A
C30	IF A.20/10 AND A.3/2 THEN R ELSE N/A
C31	IF A.20/11 AND A.3/2 THEN R ELSE N/A
C32	IF A.20/12 AND A.3/2 THEN R ELSE N/A
C33	IF A.20/13 AND A.20/10 AND A.3/1 THEN R ELSE N/A
C34	IF A.20/14 AND A.20/10 AND A.2/4 AND A.3/1 THEN R ELSE N/A
C35	IF A.20/15 AND A.3/1 THEN R ELSE N/A
C36	IF A.20/16 AND A.3/1 THEN R ELSE N/A
C37	IF A.20/13 AND A.20/10 AND A.3/2 THEN R ELSE N/A
C38	IF A.20/14 AND A.20/10 AND A.2/6 THEN R ELSE N/A
C39	IF A.20/15 AND A.3/2 THEN R ELSE N/A
C40	IF A.20/16 AND A.3/2 THEN R ELSE N/A
C41	IF (NOT A.20/17) AND (NOT A.20/6) AND A.20/5 THEN R ELSE N/A
C42	IF A.17/1 AND A.18/1 THEN R ELSE N/A
C43	IF A.2/1 AND A.3/1 AND A.6/1 AND A.17/1 AND A.18/1 THEN R ELSE N/A
C44	IF A.3/1 AND A.6/1 AND A.17/2 AND A.18/2 THEN R ELSE N/A
C45	IF A.3/1 AND A.6/2 AND A.17/2 AND A.18/2 THEN R ELSE N/A
C46	IF (A.3/1 OR A.3/2) AND A.6/2 AND A.17/2 AND A.18/1 THEN R ELSE N/A
C47	IF (A.3/1 OR A.3/2) AND A.6/2 AND A.17/1 AND A.18/2 THEN R ELSE N/A
C48	IF (A.3/1 OR A.3/2) AND A.6/2 AND A.17/4 AND A.18/1 THEN R ELSE N/A
C49	IF (A.3/1 OR A.3/2) AND A.6/2 AND A.17/1 AND A.18/4 THEN R ELSE N/A
C50	IF (A.3/1 OR A.3/2) AND A.6/2 AND A.17/6 AND A.18/1 THEN R ELSE N/A
C51	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/1 AND A.18/1 THEN R ELSE N/A
C52	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/1 AND A.18/2 THEN R ELSE N/A
C53	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/2 AND A.18/1 THEN R ELSE N/A
C54	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/2 AND A.18/2 THEN R ELSE N/A
C55	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/3 AND A.18/2 THEN R ELSE N/A
C56	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/3 AND A.18/3 THEN R ELSE N/A
C57	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/4 AND A.18/2 THEN R ELSE N/A
C58	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/4 AND A.18/3 THEN R ELSE N/A
C59	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/4 AND A.18/4 THEN R ELSE N/A
C60	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/5 AND A.18/2 THEN R ELSE N/A
C61	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/5 AND A.18/3 THEN R ELSE N/A
C62	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/5 AND A.18/5 THEN R ELSE N/A
C63	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/6 AND A.18/2 THEN R ELSE N/A
C64	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/6 AND A.18/3 THEN R ELSE N/A
C65	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/6 AND A.18/4 THEN R ELSE N/A
C66	IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/6 AND A.18/5 THEN R ELSE N/A
C67	IF A.2/1 AND A.3/3 AND A.6/1 AND (A.6/3 OR A.6/4) AND A.17/2 AND A.18/2 THEN R ELSE N/A
C68	IF A.2/1 AND A.3/3 AND A.6/1 AND (A.6/3 OR A.6/4) AND A.17/3 AND A.18/2 THEN R ELSE N/A
C69	IF A.2/1 AND A.3/3 AND A.6/1 AND (A.6/3 OR A.6/4) AND A.17/4 AND A.18/2 THEN R ELSE N/A

C70 IF A.2/1 AND A.3/3 AND A.6/1 AND (A.6/3 OR A.6/4) AND A.17/5 AND A.18/2 THEN R ELSE N/A
C71 IF A.2/1 AND A.3/3 AND A.6/1 AND (A.6/3 OR A.6/4) AND A.17/6 AND A.18/3 THEN R ELSE N/A
C72 IF A.7/28 AND A.2/1 AND A.3/1 AND A.6/1 AND A.6/2 AND A.17/2 AND A.18/2 THEN R ELSE N/A
C73 IF A.2/1 AND ((A.3/1 AND A.7/28) OR A.3/3) AND A.6/1 AND A.6/2 AND A.17/2 AND A.18/1 THEN R ELSE N/A
C74 IF A.2/1 AND A.3/1 AND A.7/28 AND A.6/1 AND A.6/2 AND A.17/3 AND A.18/1 THEN R ELSE N/A
C75 IF A.2/1 AND A.3/1 AND A.7/28 AND A.6/1 AND A.6/2 AND A.17/6 AND A.18/1 THEN R ELSE N/A
C76 IF A.7/28 AND A.2/1 AND A.3/1 AND A.6/1 AND A.17/2 AND A.18/2 THEN R ELSE N/A
C77 IF A.7/28 AND A.3/1 AND A.6/1 AND A.17/4 AND A.18/4 THEN R ELSE N/A
C78 IF A.3/3 AND A.6/1 AND (A.6/3 OR A.6/4) AND A.17/4 AND A.18/4 THEN R ELSE N/A
C79 IF (A.3/2 OR A.3/3) AND A.6/2 AND (A.6/3 OR A.6/4) AND A.17/4 AND A.18/2 THEN R ELSE N/A
C80 IF A.3/2 AND A.6/2 AND (A.6/3 OR A.6/4) AND A.17/5 AND A.18/2 THEN R ELSE N/A
C81 IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/5 AND A.18/2 THEN R ELSE N/A

Alternatively to DL 768 kbps class the test case may be applicable to DL 384 kbps class, then:
IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/4 AND A.18/2 THEN E ELSE N/A

C82 IF A.3/3 AND (A.6/3 OR A.6/4) AND A.17/5 AND A.18/2 THEN R ELSE N/A

Alternatively to DL 768 kbps class the test case may be applicable to DL 384 kbps class, then:
IF A.2/1 AND A.3/3 AND A.6/1 AND (A.6/3 OR A.6/4) AND A.17/4 AND A.18/2 THEN R ELSE N/A

C83 IF A.2/1 AND A.3/3 AND A.6/1 AND (A.6/3 OR A.6/4) AND A.17/6 AND A.18/2 THEN R ELSE N/A
C84 IF A.17/1 THEN R ELSE N/A
C85 IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/1 THEN R ELSE N/A
C86 IF A.3/2 AND (A.6/3 OR A.6/4) AND A.18/1 THEN R ELSE N/A
C87 IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/6 AND A.18/2 THEN R ELSE N/A
C88 IF A.3/3 THEN R ELSE N/A.
C89 IF (A.3/1 OR A.3/2) AND A.6/2 AND A.17/6 AND A.18/1 AND A.18b/1 THEN R ELSE N/A
C90 IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/2 AND A.18/1 AND A.18b/1 THEN R ELSE N/A
C91 IF A.3/2 AND (A.6/3 OR A.6/4) AND A.17/6 AND A.18/5 AND A.18b/1 THEN R ELSE N/A
C92 IF A.2/1 AND A.3/3 AND A.6/1 AND (A.6/3 OR A.6/4) AND A.17/2 AND A.18/2 AND A.18b/1 THEN R ELSE N/A

Note 1. See [40] TR 25.926 for definition of UE radio access reference combinations in uplink and downlink (UL xx kbps/DL xx kbps classes). See Annex B for mapping between reference radio bearer combinations and UE radio access reference combinations in uplink and downlink.

Annex A (normative): ICS proforma for 3rd Generation User Equipment

A.1 Guidance for completing the ICS proforma

A.1.1 Purposes and structure

The purpose of this ICS proforma is to provide a mechanism whereby a supplier of an implementation of the requirements defined in relevant specifications may provide information about the implementation in a standardised manner.

The ICS proforma is subdivided into subclauses for the following categories of information:

- instructions for completing the ICS proforma;
- identification of the implementation;
- identification of the protocol;
- ICS proforma tables (for example: UE implementation types, Teleservices, etc);

A.1.2 Abbreviations and conventions

The ICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7.

Item column

The item column contains a number which identifies the item in the table.

Item description column

The item description column describes in free text each respective item (e.g. parameters, timers, etc.). It implicitly means "is <item description> supported by the implementation?".

Reference column

The reference column gives reference to the relevant 3GPP core specifications.

Comments column

This column is left blank for particular use by the reader of this specification.

References to items

For each possible item answer (answer in the support column) within the ICS proforma there exists a unique reference, used, for example, in the conditional expressions. It is defined as the table identifier, followed by a solidus character "/", followed by the item number in the table. If there is more than one support column in a table, the columns shall be discriminated by letters (a, b, etc.), respectively.

EXAMPLE 1: A.5/4 is the reference to the answer of item 4 in table A.5.

EXAMPLE 2: A.6/3b is the reference to the second answer (i.e. in the second support column) of item 3 in table A.6.

A.1.3 Instructions for completing the ICS proforma

The supplier of the implementation may complete the ICS proforma in each of the spaces provided. More detailed instructions are given at the beginning of the different subclauses of the ICS proforma.

A.2 Identification of the User Equipment

Identification of the User Equipment should be filled in so as to provide as much detail as possible regarding version numbers and configuration options.

The product supplier information and client information should both be filled in if they are different.

A person who can answer queries regarding information supplied in the ICS should be named as the contact person.

A.2.1 Date of the statement

.....

A.2.2 User Equipment Under Test (UEUT) identification

UEUT name:

.....

.....

Hardware configuration:

.....

.....

.....

Software configuration:

.....

.....

.....

A.2.3 Product supplier

Name:

.....

Address:

.....

.....

.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

.....

.....

.....

A.2.4 Client

Name:

.....

Address:

.....

.....

.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

.....

.....

.....

A.2.5 ICS contact person

Name:

.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

.....

.....

A.3 Identification of the protocol

This ICS proforma applies to the 3GPP standards listed in the normative references clause of the present document.

A.4 ICS proforma tables

A.4.1 UE Implementation Types

Table A.1: UE Implementation Types

Item	UE Implementation Types	Ref.	Comments
1	Single-mode FDD (DS)	21.904, 5	
2	Single-mode TDD	21.904, 5	
3	Dual-mode FDD (DS)/TDD	21.904, 5	
4	Dual-mode FDD (DS)/GSM	21.904, 5	
5	Dual-mode TDD/GSM	21.904, 5	
6	Tri-mode FDD(DS)/TDD/GSM	21.904, 5	

A.4.2 UE Service Capabilities

A.4.2.1 3GPP Standardised UE Service Capabilities

A.4.2.1.1 Teleservices

Table A.2: Teleservices

Item	Teleservices	Ref.	Comments
1	Narrow band speech (AMR)	22.105, 6.4.1	
2	Emergency speech call	22.105, 6.4.2	
3	Short Message Service (SMS) MT over CS	22.105, 6.4.3 22.003, A.1.3.1	
4	Short Message Service (SMS) MO over CS	22.105, 6.4.3 22.003, A.1.3.2	
5	Short Message Service (SMS) MT over PS	22.105, 6.4.3 22.003, A.1.3.1	
6	Short Message Service (SMS) MO over PS	22.105, 6.4.3 22.003, A.1.3.2	
7	Cell Broadcast Service (CBS)	22.105, 6.4.4	

A.4.2.1.2 Bearer Services

Table A.3: Definition of Bearer Services

Item	Definition of Bearer Services	Ref.	Comments
1	Circuit Switched	22.105, 5.1 22.002	
2	Packet Switched	22.105, 5.1 22.060	
3	PS and CS simultaneously		

Table A.4: Asynchronous General Bearer Services

Item	Asynchronous General Bearer Services	Ref.	Comments
1	3.1 kHz Audio 9600 bit/s	22.002, 3.1.1	
2	3.1 kHz Audio 14400 bit/s	22.002, 3.1.1	
3	3.1 kHz Audio 19200 bit/s	22.002, 3.1.1	
4	3.1 kHz Audio 28800 bit/s	22.002, 3.1.1	
5	3.1 KhZ Audio Modem AutoBauding1	22.002, 3.1.1	
6	V.110 UDI 9600 bit/s	22.002, 3.1.2	
7	V.110 UDI 14400 bit/s	22.002, 3.1.2	
8	V.110 UDI 19200 bit/s	22.002, 3.1.2	
9	V.110 UDI 28800 bit/s	22.002, 3.1.2	
10	V.110 UDI 38400 bit/s	22.002, 3.1.2	
11	V.120 9600 bit/s	22.002, 3.1.4	
12	V.120 14400 bit/s	22.002, 3.1.4	
13	V.120 19200 bit/s	22.002, 3.1.4	
14	V.120 28800 bit/s	22.002, 3.1.4	
15	V.120 38400 bit/s	22.002, 3.1.4	
16	V.120 48000 bit/s	22.002, 3.1.4	
17	V.120 56000 bit/s	22.002, 3.1.4	
18	PIAFS 32000 bit/s	22.002, 3.1.6	
19	PIAFS 64000 bit/s	22.002, 3.1.6	
20	Frame Tunnelling Mode 56000 bit/s	22.002, 3.1.7	
21	Frame Tunnelling Mode 64000 bit/s	22.002, 3.1.7	
Note: The rates in the table refer to FNUR (Fixed Network User Rate).			

Table A.5: Synchronous General Bearer Services

Item	Synchronous General Bearer Services	Ref.	Comments
1	3.1 kHz Audio 9600 bit/s	22.002, 3.1.1	
2	3.1 kHz Audio 14400 bit/s	22.002, 3.1.1	
3	3.1 kHz Audio 19200 bit/s	22.002, 3.1.1	
4	3.1 kHz Audio 28800 bit/s	22.002, 3.1.1	
5	V.110 UDI 28800 bit/s	22.002, 3.1.2	
6	V.110 UDI 48000 bit/s	22.002, 3.1.2	
7	V.110 UDI 56000 bit/s	22.002, 3.1.2	
8	X.31 Flag Stuffing UDI 9600 bit/s	22.002, 3.1.3	
9	X.31 Flag Stuffing UDI 14400 bit/s	22.002, 3.1.3	
10	X.31 Flag Stuffing UDI 19200 bit/s	22.002, 3.1.3	
11	X.31 Flag Stuffing UDI 28800 bit/s	22.002, 3.1.3	
12	X.31 Flag Stuffing UDI 38400 bit/s	22.002, 3.1.3	
13	X.31 Flag Stuffing UDI 48000 bit/s	22.002, 3.1.3	
14	X.31 Flag Stuffing UDI 56000 bit/s	22.002, 3.1.3	
15	V.120 9600 bit/s	22.002, 3.1.4	
16	V.120 14400 bit/s	22.002, 3.1.4	
17	V.120 19200 bit/s	22.002, 3.1.4	
18	V.120 28800 bit/s	22.002, 3.1.4	
19	V.120 38400 bit/s	22.002, 3.1.4	
20	V.120 48000 bit/s	22.002, 3.1.4	
21	V.120 56000 bit/s	22.002, 3.1.4	
22	Bit Transparent mode 56000 bit/s	22.002, 3.1.5	
23	Bit Transparent mode 64000 bit/s	22.002, 3.1.5	
24	Multimedia Call 28800 bit/s	22.002, 3.1.8	
25	Multimedia Call 32000 bit/s	22.002, 3.1.8	
26	Multimedia Call 33600 bit/s	22.002, 3.1.8	
27	Multimedia Call 56000 bit/s	22.002, 3.1.8	
28	Multimedia Call 64000 bit/s	22.002, 3.1.8	
Note: The rates in the table refer to FNUR (Fixed Network User Rate).			

Table A.6: QoS classes or traffic classes

Item	QoS classes or traffic classes	Ref.	Comments
1	Conversational	23.107, 6.3.1, 6.5.1	
2	Streaming	23.107, 6.3.2, 6.5.1	
3	Interactive	23.107, 6.3.3, 6.5.1	
4	Background	23.107, 6.3.4, 6.5.1	

A.4.2.1.3 Supplementary Services

Table A.7: Supplementary Services

Item	Supplementary services	Ref.	Comments
1	Call Deflection	22.072; 22.004, 4	
2	Calling Line Identification Presentation	22.081, 1; 22.004, 4	
3	Calling Line Identification Restriction	22.081, 2; 22.004, 4	
4	Connected Line Identification Presentation	22.081, 3; 22.004, 4	
5	Connected Line Identification Restriction	22.081, 4; 22.004, 4	
6	Call Forwarding Unconditional	22.082, 1; 22.004, 4	
7	Call Forwarding on Mobile Subscriber Busy	22.082, 2; 22.004, 4	
8	Call Forwarding on No Reply	22.082, 3; 22.004, 4	
9	Call Forwarding on Mobile Subscriber Not Reachable	22.082, 4; 22.004, 4	
10	Call Waiting	22.083, 1; 22.004, 4	
11	Call Hold	22.083, 2 22.004, 4	
12	Multi Party Service	22.084; 22.004, 4	
13	Closed User Group	22.085; 22.004, 4	
14	User-to-user signalling	22.087; 22.004, 4	
15	Advice of Charge (Information)	22.086, 1; 22.004, 4	
16	Advice of Charge (Charging)	22.086, 2; 22.004, 4	
17	Barring of All Outgoing Calls	22.088, 1; 22.004, 4	
18	Barring of Outgoing International Calls	22.088, 1; 22.004, 4	
19	Barring of Outgoing International Calls except those directed to the Home PLMN Country	22.088, 1; 22.004, 4	
20	Barring of All Incoming Calls	22.088, 2; 22.004, 4	
21	Barring of Incoming Calls when Roaming Outside the Home PLMN Country	22.088, 2; 22.004, 4	
22	Explicit call transfer	22.091; 22.004, 4	
23	Call Completion to Busy Subscriber	22.093; 22.004, 4	
24	Call Completion to Busy Subscriber Request	22.093; 22.004, 4	
25	Follow Me	22.094	
26	Calling name presentation (CNAP)	22.096; 22.004, 4	
27	Multiple Subscriber Profile (MSP)	22.097; 22.004, A	
28	Multicall	22.135; 22.004, 4	
29	enhanced Multi-Level Precedence and Pre-emption	22.067; 22.004, 4	
Note: Test cases for these features will not be include in R99 of TS 34.123-1.			

A.4.2.1.4 Service Capabilities

Table A.8: Service Capabilities

Item	Services Capabilities	Ref.	Comments
1	Mobile station Execution Environment (MExE)	22.057	
2	Location Service (LCS)	22.071	
3	USIM Application Toolkit (USAT)	31.111	
Note: Test cases for these features will not be include in R99 of TS 34.123-1.			

A.4.2.1.5 GSM System Features

Table A.9: GSM System Features

Item	GSM System Features	Ref.	Comments
1	Network Identity and Time Zone (NITZ)	22.042	
2	Unstructured Supplementary Service Data (USSD)	22.090	
Note: Test cases for these features will not be include in R99 of TS 34.123-1.			

A.4.2.2 Other UE Service Capabilities

Table A.10: Other UE Service Capabilities

Item	Other UE Service Capabilities	Ref.	Comments
1	Multimedia services (3G-324M)	26.071, 26.110, 26.111, 26.112	
2	Alternate speech/facsimile group 3	22.003, A.1.4	
3	Automatic facsimile group 3	22.003, A.1.5	

A.4.3 Baseline Implementation Capabilities

Table A.11: Supported protocols

Item	Supported protocols	Ref.	Comments
1	Call Control	24.008, 5	
2	Mobility Management	24.008, 4	
3	Session Management	24.008, 6.1	
4	GPRS Mobility Management	24.008, 4	
5	Radio Resource Control	25.331	
6	Packet Data Convergence Protocol	25.323	
7	Broadcast/Multicast Control	25.324	
8	Radio Link Control	25.322	
9	Medium Access Control	25.321	
10	Physical Layer	25.201	

A.4.3.1 Baseline Implementation Capabilities to facilitate Conformance testing

Table A.12: Reference Measurement Channels

Item	Reference Measurement Channels	Ref.	Comments
1	Up-link reference measurement channel 12.2 kbps (FDD)	25.101 A.2.1	
2	Down-link reference measurement channel 12.2 kbps (FDD)	25.101 A.3.1	
3	Up-link reference measurement channel12.2 kbps (TDD)	25.102 A.2.1	
4	Down-link reference measurement channel 12.2 kbps (TDD)	25.102 A.2.2	

Table A.13: Special Conformance Testing Functions

Item	Special Conformance Testing Functions	Ref.	Comments
1	UE test loop	34.109, 4.2	
2	Closed loop power control [FFS]	34.109, 4.3	

Table A.14: Terminal Logical Test Interface

Item	Terminal Logical Test Interface	Ref.	Comments
1	Electrical Man Machine Interface (EMMI)	34.109, 8	
2	UICC/ME test interface	34.109, 9	

A.4.3.2 RF Baseline Implementation Capabilities

Table A.15: FDD (DS) RF Baseline Implementation Capabilities

Item	FDD (DS) RF Baseline Implementation Capabilities	Ref.	Comments
1	Chip rate 3.84 Mcps	25.101, 5.1	
2	Frequency band: 1920-1980, 2110-2170 MHz	25.101, 5.2	
3	Frequency band: 1850-1910, 1930-1990 MHz	25.101, 5.2	
4	Frequency band: Other spectrum	25.101, 5.2	
5	TX-RX Freq. Sep: 190 MHz	25.101, 5.3	
6	TX-RX Freq. Sep: 80 MHz	25.101, 5.3	
7	TX-RX Freq. Sep: Variable	25.101, 5.3	
8	Carrier raster: 200 kHz	25.101, 5.4	
9	UE Power Class 1 (+33 dBm)	25.101, 6.2.1	
10	UE Power Class 2 (+27 dBm)	25.101, 6.2.1	
11	UE Power Class 3 (+24 dBm)	25.101, 6.2.1	
12	UE Power Class 4 (+21 dBm)	25.101, 6.2.1	
13	Output RF spectrum emissions	25.101, 6.6	

Table A.16: TDD RF Baseline Implementation Capabilities

Item	TDD RF Baseline Implementation Capabilities	Ref.	Comments
1	Chip rate 3.84 Mcps	25.102, 5.1	
2	Frequency band: 1900-1920 MHz	25.102, 5.2	
3	Frequency band: 2010-2025 MHz	25.102, 5.2	
4	Frequency band: 1850-1910 MHz	25.102, 5.2	
5	Frequency band: 1930-1990 MHz	25.102, 5.2	
6	Frequency band: 1910-1930 MHz	25.102, 5.2	
7	Frequency band: Other spectrum	25.102, 5.2	
8	Carrier raster: 200 kHz	25.102, 5.4	
9	UE Power Class 2 (+24 dBm)	25.102, 6.2.1	
10	UE Power Class 3 (+21 dBm)	25.102, 6.2.1	
11	Output RF spectrum emissions	25.102, 6.6	

A.4.3.3 Physical Layer Baseline Implementation Capabilities

Table A.17: UE Radio Access Reference Combinations DL

Item	UE Radio Access Reference Combination DL	Ref.	Comments
1	DL 32 kbit class	TR 25.926, 5	
2	DL 64 kbit class	TR 25.926, 5	
3	DL 128 kbit class	TR 25.926, 5	
4	DL 384 kbit class	TR 25.926, 5	
5	DL 768 kbit class	TR 25.926, 5	
6	DL 2048 kbit class	TR 25.926, 5	

Table A.18: UE Radio Access Reference Combinations UL

Item	UE Radio Access Reference Combination UL	Ref.	Comments
1	UL 32 kbit class	TR 25.926, 5	
2	UL 64 kbit class	TR 25.926, 5	
3	UL 128 kbit class	TR 25.926, 5	
4	UL 384 kbit class	TR 25.926, 5	
5	UL 768 kbit class	TR 25.926, 5	

Table A.18b: FDD Layer 1 UE Radio Access Capabilities

Item	UE Radio Access Reference Combination UL	Ref.	Comments
1	Turbo Coding	TS 25.212, 4.2.3.2	

A.4.3.4 Layer 2/3 Baseline Implementation Capabilities (access stratum)

Table A.19: PDCP Parameters

Item	PDCP Parameters	Ref.	Comments
1	IP header compression algorithm	25.323, 5.1.2	
2	Lossless SRNS relocation	25.323, 5.4	
3	Multiplexing of multiple radio bearers [not R99]		
4	RLC in-sequence delivery	25.323, 5.4	
5	Establishment of more than one PDCP entities	25.323, 5.1	

Table A.19b: BMC Parameters

Item	BMC Parameters	Ref.	Comments
1	CBS message support	25.324, 9.1	

A.4.4 Additional information

Table A.20: Additional information

Item	Additional information	Ref.	Comments
1	At least one bearer service	22.002, 3	
2	At least one supplementary service	22.004, 4	
3	Inter-system measurement for GSM	25.331, 8.4	
4	At least one MO circuit switched basic service	24.008, 5.3.4.2.1	
5	At lease one MT circuit switched basic service	24.008, 5.3.4.2.2	
6	Immediate connect supported for all circuit switched basic services.	24.008, 5.2.1.6	
7	Activation of one or more PDP contexts simultaneously	[TBD]	
8	Sending of correct acknowledgement of memory full condition	[TBD]	
9	Status report capability	[TBD]	
10	Display of short messages	[TBD]	
11	Storing of received Class 1 short messages	[TBD]	
12	Storing of received Class 2 short messages in the SIM	[TBD]	
13	Replacing of short messages	[TBD]	
14	Reply procedures	23.040, Annex 4	
15	Sending of multiple short messages on the same RR connection when there is no call in progress	[TBD]	
16	Sending of concatenated multiple short messages when there is a call in progress	[TBD]	
17	Only circuit switched basic service supported by the mobile is emergency call	22.003, 6, A.1.2	
18	Multi-code transmission	[TBD]	
19	Poll_PU based polling mode of AM RLC	[TBD]	
20	Timer based polling mode of AM RLC	[TBD]	
21	Discard mode of AM RLC	[TBD]	
22	At least one MO circuit switched basic service	[TBD]	
23	At least one MO circuit switched basic service for which immediate connect is not used	[TBD]	
24	Network initiated MO call (CCBS)	24.008, 5.2.3 24.093, 4.1	
25	DTMF protocol control procedure	24.008, 5.5.7	
26	Secondary PDP context activation procedure	24.008, 6.1.3.2	
27	Support of UMTS encryption algorithm UEA1	33.102, 6.6	
28	Support of UMTS integrity algorithm UIA1	33.102, 6.5	

Annex B (informative): Mapping of UE Radio Access Capability combinations to supported RABs

Based on: **ISG Typical parameter set v1.3**
TR25.926 v3.1.0 UE Radio Access Capabilities

Mapping of UE Radio Access Capability combinations to supported RABs
UTRA-FDD

			DL						UL				
	UE class		**1**	**2**	**3**	**4**	**5**	**6**	**1**	**2**	**3**	**4**	**5**
	Data rate (kbps)	**CS/PS**	**32**	**64**	**128**	**384**	**768**	**2048**	**32**	**64**	**128**	**384**	**768**
ISG reference	**Chars - DL/UL (kbps)**												
DPCH 5.4.1.X													
1	DCCH 1.7		X	X	X	X	X	X	X	X	X	X	X
2	DCCH 3.4		X	X	X	X	X	X	X	X	X	X	X
3	DCCH 13.6		X	X	X	X	X	X	X	X	X	X	X
4	CV voice 12.2	CS	X	X	X	X	X	X	X	X	X	X	X
5	CV voice 10.2	CS	X	X	X	X	X	X	X	X	X	X	X
6	CV voice 7.95	CS	X	X	X	X	X	X	X	X	X	X	X
7	CV voice 7.4	CS	X	X	X	X	X	X	X	X	X	X	X
8	CV voice 6.7	CS	X	X	X	X	X	X	X	X	X	X	X
9	CV voice 5.9	CS	X	X	X	X	X	X	X	X	X	X	X
10	CV voice 5.15	CS	X	X	X	X	X	X	X	X	X	X	X
11	CV voice 4.75	CS	X	X	X	X	X	X	X	X	X	X	X
12	CV 28.8/28.8	CS		X	X	X	X	X		X	X	X	X
13	CV 64/64	CS		X	X	X	X	X		X	X	X	X
14	CV 32/32	CS		X	X	X	X	X		X	X	X	X
15	ST 14.4/14.4	CS		X	X	X	X	X		X	X	X	X
16	ST 28.8/28.8	CS		X	X	X	X	X		X	X	X	X
17	ST 57.6/57.6	CS		X	X	X	X	X		X	X	X	X
18	ST 64/0	CS/PS		X	X	X	X	X	X	X	X	X	X
19	ST 0/64	CS/PS	X	X	X	X	X	X		X	X	X	X
20	ST 128/0	CS/PS				X	X	X	X	X	X	X	X
21	ST 0/128	CS/PS	X	X	X	X	X	X				X	X
22	ST 384/0	CS/PS						X	X	X	X	X	X
23	IB 8/32 (CC,10msTTI)	PS	X	X	X	X	X	X	X	X	X	X	X
24	IB 8/64	PS	X	X	X	X	X	X		X	X	X	X
25	IB 64/32 (CC,10msTTI)	PS		X	X	X	X	X	X	X	X	X	X
26	IB 64/64	PS		X	X	X	X	X		X	X	X	X
27	IB 128/64	PS			X	X	X	X		X	X	X	X
28	IB 128/128	PS			X	X	X	X			X	X	X
29	IB 144/64	PS			X	X	X	X		X	X	X	X
30	IB 144/144	PS			X	X	X	X			X	X	X
31	IB 256 (10 ms TTI)/64	PS				X	X	X		X	X	X	X
32	IB 384 (10ms TTI)/64	PS				X	X	X		X	X	X	X
33	IB 384 (10ms TTI)/128	PS				X	X	X			X	X	X
34	IB 384/384 (10ms TTI)	PS				X	X	X				X	X
32	IB 384 (20ms TTI)/64	PS					X	X		X	X	X	X
33	IB 384 (20ms TTI)/128	PS					X	X			X	X	X
34	IB 384/384 (20ms TTI)	PS					X	X					X
35	IB 2048/64	PS						X		X	X	X	X
36	IB 2048/128	PS						X			X	X	X
37	IB 2048/384 (10ms TTI)	PS						X				X	X
37	IB 2048/384 (20ms TTI)	PS						X					X
38	CVV + IB 8/32	CS+PS		X	X	X	X	X		X	X	X	X
39	CVV + IB 64/32	CS+PS		X	X	X	X	X		X	X	X	X
40	CVV + IB 64/64	CS+PS		X	X	X	X	X		X	X	X	X
41	CVV + IB 128/64	CS+PS			X	X	X	X		X	X	X	X
42	CVV + IB 256(10ms TTI)/64	CS+PS				X	X	X		X	X	X	X
43	CVV + IB 384(10ms TTI)/64	CS+PS				X	X	X		X	X	X	X
43	CVV + IB 384(20ms TTI)/64	CS+PS					X	X		X	X	X	X
44	CVV + IB 2048/128	CS+PS						X			X	X	X
45	CVV + ST 57.6/57.6	CS+CS		X	X	X	X	X		X	X	X	X
46	CVV + ST 64/0	CS+CS/PS		X	X	X	X	X	X	X	X	X	X
47	CVV + ST 128/0	CS+CS			X	X	X	X	X	X	X	X	X
48	CVV + ST 384/0	CS+CS						X	X	X	X	X	X
49	CVV + CV 64/64	CS+CS		X	X	X	X	X		X	X	X	X
50	CV 64/64 + CV 64/64	CS+CS				X	X	X				X	X
51	CV 64/64 + IB 64/64	CS+PS				X	X	X				X	X
52	CV 64/64 + IB 128/64	CS+PS				X	X	X				X	X
53	CV 64/64 + IB 128/128	CS+PS				X	X	X				X	X
54	IB 128/64 + ST 64/0	PS+CS/PS				X	X	X		X	X	X	X
55	IB 128/64 + ST 128/0	PS+CS/PS					X	X		X	X	X	X
DSCH & DPCH 5.4.2.X													
1	IB 256/64	PS				O	X	X		X	X	X	X
2	IB 384/64	PS				O	X	X		X	X	X	X
3	IB 2048/64	PS						X		X	X	X	X
4	CVV + IB 256/64	CS+PS				O	X	X		X	X	X	X
5	CVV + IB 384/64	CS+PS				O	X	X		X	X	X	X
6	CVV + IB 2048/64	CS+PS						X		X	X	X	X
SCCPCH 5.4.3.X	**DL**												
1	PCCH		X	X	X	X	X	X	NA	NA	NA	NA	NA
2	IB 32 +	PS	X	X	X	X	X	X	NA	NA	NA	NA	NA
3	IB 32 + PCCH	PS	X	X	X	X	X	X	NA	NA	NA	NA	NA
PRACH 5.4.4.X	**UL**												
1	IB 32	PS	NA	NA	NA	NA	NA	NA	X	X	X	X	X

CV =Conversational
IB =Interactive/Background
ST =Streaming
CVV = CV voice 12.2k

CS + CS = Support of Multicall (CS)
CS + PS = Simultaneous CS and PS
CS/PS = CS or PS
CS + CS/PS = Support of Multicall (2xCS) or simultaneous CS and PS

X = Support
O = Optional
NA = Not Applicable

Annex C (informative): Change history

Meeting -1st-Level	Doc-1st-Level	CR	Rev	Subject	Cat	Version-Current	Version -New	Doc-2nd-Level
TP-09				Approval of the specification as v3.1.0 rather than 3.0.0 to be aligned with 34.123-1 version number.		2.0.0	3.1.0	
TP-10	TP-000219	001		Update of Applicability statements for “Idle mode test	F	3.1.0	3.2.0	T1-000280
TP-10	TP-000219	002		Update of applicability clauses for RLC test cases	F	3.1.0	3.2.0	T1-000302
TP-10	TP-000219	003		Update of Applicability Statements for RRC Test Cases	F	3.1.0	3.2.0	T1-000295
TP-10	TP-000219	004		Update of applicability statements for radio bearer test	F	3.1.0	3.2.0	T1-000291
TP-10	TP-000219	005		Update of applicability statements for Session	B	3.1.0	3.2.0	T1-000299
TP-10	TP-000219	006		Update of Applicability statements for PACKET	B	3.1.0	3.2.0	T1-000284

History

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