ETSI TS 151 010-4 V12.3.0 (2016-11)

TECHNICAL SPECIFICATION

Digital cellular telecommunications system (Phase 2+) (GSM);
Mobile Station (MS) conformance specification;
Part 4: Subscriber Identity Module (SIM)
application toolkit conformance test specification
(3GPP TS 51.010-4 version 12.3.0 Release 12)

**GLOBAL SYSTEM FOR
MOBILE COMMUNICATIONS**

Reference

RTS/TSGC-0651010-4vc30

Keywords

GSM

ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00   Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

Important notice

The present document can be downloaded from:
http://www.etsi.org/standards-search

The present document may be made available in electronic versions and/or in print. The content of any electronic and/or print versions of the present document shall not be modified without the prior written authorization of ETSI. In case of any existing or perceived difference in contents between such versions and/or in print, the only prevailing document is the print of the Portable Document Format (PDF) version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at
https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx

If you find errors in the present document, please send your comment to one of the following services:
https://portal.etsi.org/People/CommiteeSupportStaff.aspx

Copyright Notification

ETSI

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: *"Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards"*, which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (https://ipr.etsi.org/).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

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

The present document may refer to technical specifications or reports using their 3GPP identities, UMTS identities or GSM identities. These should be interpreted as being references to the corresponding ETSI deliverables.

The cross reference between GSM, UMTS, 3GPP and ETSI identities can be found under http://webapp.etsi.org/key/queryform.asp.

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the ETSI Drafting Rules (Verbal forms for the expression of provisions).

"**must**" and "**must not**" are **NOT** allowed in ETSI deliverables except when used in direct citation.

Contents

Foreword

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

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

> Version x.y.z

> where:

>> x the first digit:

>>> 1 presented to TSG for information;

>>> 2 presented to TSG for approval;

>>> 3 or greater indicates TSG approved document under change control.

>> y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.

>> z the third digit is incremented when editorial only changes have been incorporated in the document.

1 Scope

The present document describes the technical characteristics and methods of test for testing the SIM Application Toolkit implemented in Mobile Stations (MS) for the Pan European digital cellular communications system and Personal Communication Systems (PCS) operating in the 450 MHz, 480 MHz, 700 MHz, 750 MHz, 850 MHz, 900 MHz, 1 800 MHz and 1 900 MHz frequency band (GSM 400, GSM 700, GSM 750, GSM 850, GSM 900, DCS 1 800 and PCS 1 900) within the European digital cellular telecommunications system, in compliance with the relevant requirements, and in accordance with the relevant guidance given in ISO/IEC 9646-7 [19] and ETS 300 406 [20].

The present document is valid for MS implemented according to GSM Phase2+ R96, or R97, or R98, or R99.

The present document covers the minimum characteristics considered necessary in order to provide sufficient performance for mobile equipment and to prevent interference to other services or to other users, and to the PLMNs.

It does not necessarily include all the characteristics which may be required by a user or subscriber, nor does it necessarily represent the optimum performance achievable.

The present document is part of the GSM-series of technical specifications. The present document neither replaces any of the other GSM technical specifications or GSM related ETSs or ENs, nor is it created to provide full understanding of (or parts of) the GSM 400, GSM 700, GSM 850, GSM 900, DCS1800 and PCS1900 systems . The present document lists the requirements, and provides the methods of test for testing the SIM Application Toolkit implemented in a MS for conformance to the GSM standard.

For a full description of the system, reference should be made to all the GSM technical specifications or GSM related ETSs or ENs. Clause 2 provides a complete list of the GSM technical specifications, GSM related ETSs, ENs, and ETRs, on which this conformance test specifications is based.

If there is a difference between this present conformance document, and any other GSM technical specification or GSM related ETS or EN, or 3GPP TS, then the other GSM technical specification or GSM related ETS or EN or 3GPP TS shall prevail.

Normative requirements for the SIM and SIM Application Toolkit are only specified up to Rel-4. The present document is only available in this release for allowing maintenance of test cases. The core features related to those test cases remain applicable only to the releases in which they have been specified.

The conformance test aspects for this Release are identical with those for the latest Release of TS 51.010-4 [23].

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 relevant Release*.

  - For a GSM Phase 2+ Release 1999 MS, references to GSM documents are to version 8.x.y (for 01.-series to 12.-series) or (3.x.y for 21.-series to 35.-series), when available.

  - For a GSM Phase 2+ Release 1998 MS, references to GSM documents are to version 7.x.y, when available.

  - For a GSM Phase 2+ Release 1997 MS, references to GSM documents are to version 6.x.y, when available.

  - For a GSM Phase 2+ Release 1996 MS, references to GSM documents are to version 5.x.y,. when available.

Note: References to 3GPP Technical Specifications and Technical Reports throughout the present document shall be interpreted according to the Release shown in the formal reference in this clause, based upon the Release of the implementation under test.

EXAMPLE: References for a R99 MS shall be interpreted as:

[1] 3GPP TS 21.905 R99

[2] 3GPP TS 22.001 R99

etc.

[1] Void.

[2] Void.

[3] Void.

[4] Void.

[5] Void.

[6] Void.

[7] Void.

[8] Void.

[9] Void.

[10] Void.

[11] Void.

[12] Void.

[13] Void.

[14] Void.

[15] Void.

[16] Void.

[17a] Void.

[17b] Void.

[18] Void.

[19] ISO/IEC 9646-7 (1995): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".

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

[21] Void.

[22] Void

[23] 3GPP TS 51.010-4: "Mobile Station (MS) conformance specification ; Part 4: Subscriber Identity Module (SIM) application toolkit conformance test specification (Release 13)"

3 Void

4   Void

5   Void

6   Void

7   Void

8   Void

9   Void

10   Void

11 - 26   Not used

27   Void

Annex A:
Void

Annex B:
Void

Annex C:
Void

Annex D:
Void

Annex E:
Void

Annex F (informative): Change History

TSG#	WG TD#	CR	Rev	Subject	New Ver
SMG# 30	-	-	-	Approved as release 1996 at SMG#30	5.0.0
		A001	-	Corrections to SIM Application Toolkit Test Specification	5.1.0
			-	Version update to 5.1.1 for Publication	5.1.1
		A002	-	Editorial and coding corrections	5.2.0
		A003	-	Correction of wrong coding for SIM Application Toolkit test 27.22.4.2	5.3.0
		A004	-	Corrections for Test Case 27.22.5.1 (SMS-PP Data Download)	5.3.0
		A005	-	Correction of wrong coding for SIM Application Toolkit 27.22	5.4.0
		A006	-	Corrections for Test Case 27.22.4.7 (REFRESH)	5.5.0
		A007	-	Corrections for Test Case 27.22.5.2 (SMS-CB Data Download)	5.5.0
		A008	-	Upgrade of the MS SAT test specification to Release 99	8.1.0
		A010r1	-	Addition of Terminal Profile information, suppression of PLAY TONE Test sequence 1.2	8.2.0
		A011	-	References to 11.10-1 replaced. Reference to 11.10-2 removed.	8.3.0
		A012	-	Corrections to Send Short Message, Sequence 1.4	8.4.0
		A013	-	Redial in Set Up Call	8.4.0
		A014	-	Correction to Terminal Response: Set Up Call 1.7.1	8.4.0
		A015	-	Select Item: Support of "No response from user"	8.4.0
		A016	-	Correction of Emergency Call test cases	8.4.0
		A017	-	Essential corrections to default values for SIM Application Toolkit testing	
		A018	-	Clarification on comprehension required flag usage	8.5.0
		A019	-	Essential corrections to Display text test cases	
		A020	-	Essential corrections to Get Inkey test cases	
		A021	-	Essential corrections to Get Input test cases	8.5.0
		A022	-	Essential corrections to Set Up Menu test cases	
		A023	-	Essential corrections to Play Tone test cases	
		A024	-	Essential corrections to Poll Intervall test case	
		A025	-	Essential corrections to Polling off test case	8.5.0
		A026	-	Essential corrections to Provide Local Information test cases	8.5.0
		A027	-	Essential corrections to Send Short message test cases	8.5.0
		A028	-	Essential corrections to Language Notification test cases	8.5.0
		A029	-	Essential corrections to Send SS test cases	
		A030	-	Essential corrections to Set Up Call test cases	8.5.0
		A031	-	Essential corrections to Send USSD test cases	
		A032	-	Essential correction to Set Up Idle Mode Text test cases	8.5.0
		A033	-	Essential corrections to Power Off Card test case	
		A034	-	Essential corrections to Perform Card APDU test cases	
		A035	-	Essential correction to Get Reader Status test cases	
		A036	-	Essential corrections to Send DTMF test cases	
		A037	-	Essential corrections to CALL CONTROL BY SIM test cases	8.5.0
		A038	-	Essential corrections to CALL CONTROL BY SIM (Interaction with FDN/ BDN) test cases	8.5.0
		A039	-	Essential corrections to Select Item test cases	
		A040	-	Essential corrections to card reader status event download test cases	
		A041	-	Essential corrections to language selection and browser termination event download test cases	8.5.0
		A042	-	Essential corrections to Close Channel test cases	8.5.0
		A043	-	Essential corrections to Launch Browser test cases	8.5.0
		A044	-	Essential corrections to Open Channel test cases	
		A045	-	Essential corrections to Receive Data test cases	
		A046	-	Essential corrections to Send Data test cases	
		A047	-	Essential corrections to channel status event download test case	
		A048	-	Essential corrections to Get Channel Status test cases	
		A049	-	Essential corrections to CB data download test cases	
		A050	-	Essential corrections to location status, user activity and idle screen available event download test cases	8.5.0
		A051	-	Corrections in the REFRESH test sequences (with inclusion of T3-030535"s contents)	8.5.0
		A052	-	Essential corrections to test requirement references	8.5.0
		A053	-	Essential corrections to CALL CONTROL BY SIM (supplementary services) test case	
		A054	-	Essential corrections to MT Call, Call connected and Call disconnected event download test cases	8.5.0
		A055	-	Introduction of 'MO Short Message Control by SIM' envelope testing	8.6.0

		A056	-	Re-Introduction of changes already approved at the last T3.	8.6.0
		A057	-	Essential corrections	8.6.0
		A058	-	Essential corrections to 27.22.4.14 'POLLING OFF'	8.6.0
		A059	-	Essential corrections to Send DTMF test cases	8.6.0
		A060	-	Introduction of BIP testing in GPRS	8.6.0
		A061	-	Correction of image instance descriptor for colour icons	8.7.0
		A062	-	Essential correction on Terminal Profile for the BIP Inclusion of tests on Open Channel for GPRS, on the user confirmation	8.7.0
		A063	-	CR 11.10-4 Launch Browser test cases	8.7.0
		A064	-	CR 11.10-4 R99: Essential corrections	8.7.0
		A065	-	CR 11.10-4 R99: Essential correction of coding convention	8.7.0
		A071	-	Correction of Cell Broadcast message download test	8.8.0
		A066	-	Essential corrections	8.8.0
		A067	-	Support of GSM 700, GSM 850 and PCS 1900	8.8.0
		A068	-	Corrections of applicability table	8.8.0
		A070	-	Correction on allowing optional parameters in ENVELOPE(CALL CONTROL) command for call set-ups when testing Call Control procedures	8.8.0
		A069	-	Essential corrections to Call Control test cases	8.8.0
		A076	-	Essential corrections of Event Download test cases	8.9.0
		A073	-	Essential corrections	8.9.0
		A072	-	Clarification of call hang up in 27.22.4.5 Play Tone	8.9.0
		A074	-	Removal of misleading comment from Refresh SIM Reset tests	8.9.0
		A075	-	Correction of poll interval related tests	8.9.0
		A077	-	Correction of Send Short Message test case	8.10.0
		A078	-	Correction of Select Item test case	8.10.0
		A079	-	Correction of Language Notification test case	8.10.0
		A080	-	Correction of Select Item (Next action identifier) test case	8.10.0
		A081	-	Correction of PROFILE DOWNLOAD test case – incorrect P2	8.10.0
		A082	-	Correction of CALL CONTROL test cases	8.10.0
		A083	-	Incorrect specification of file codings	8.10.0
		A084	-	Correction of Refresh test case	8.10.0
		A085	-	Correction of MO SM CONTROL BY SIM test case	8.10.0
		A086	-	Correction of Errors	8.10.0
		A087	-	Clarification of PLAY TONE test case	8.10.0
		A088	-	Clarification of RECEIVE DATA test case	8.10.0
		A089	-	Corrections for Test Case 27.22.5.1 (SMS-PP Data Download)	8.10.0
		A090	-	Modification of 27.22.1 PROFILE DOWNLOAD	8.10.0
		A091	-	Correction of Set Up Idle Mode Text test case	8.10.0
		A092	-	Correction of Timer Management test cases	8.10.0
		A093	-	Essential Corrections on Launch Browser	8.10.0
TP-27	T3-050096	A094	-	Correction of terminal profile test	8.11.0
TP-27	T3-050097	A095	-	Correction of Set Up Call test	8.11.0
TP-27	T3-050098	A096	-	Essential Corrections	8.11.0
TP-27	T3-050099	A097	-	Correction of Call Connected Event test	8.11.0
TP-27	T3-050100	A098	-	Correction of Call Control test cases	8.11.0
TP-27	T3-050125	A099	-	Corrections of references	8.11.0
TP-27	T3-050155	A100	-	Clarification on LAUNCH BROWSER test case	8.11.0
TP-27	T3-050194	A101	-	Correction of network related tests	8.11.0
TP-27	T3-050195	A102	-	Correction of Timer Management test	8.11.0
TP-27	T3-050196	A103	-	Correction of coding of SS RETURN RESULT in 27.22.4.12 SEND USSD	8.11.0
TP-27	T3-050197	A104	-	Correction of Expected sequence 2.4 in section 27.22.4.22.2.4 SET UP IDLE MODE TEXT (icon support)	8.11.0
TP-27	T3-050198	A105	-	Correction on Timer Management test cases	8.11.0
CT-28	C6-050354	A106	-	Correction of coding in MT Call Even	8.12.0
CT-28	C6-050381	A107	-	Essential corrections	8.12.0
CT-28	C6-050382	A109	-	Too many digits in PCS 1900 for the Called Party BCD number	8.12.0
CT-29	C6-050629	A110	-	CR 11.10-4: Correction of applicability and terminal profile support tables	8.13.0
CT-29	C6-050631	A111	-	CR 11.10-4: Correction of Refresh tests	8.13.0
CT-29	C6-050632	A112	-	CR 11.10-4: Correction of EF_BDN coding	8.13.0
CT-29	C6-050634	A127	-	CR 11.10-4 R99: Essential correction to Terminal Profile table E.1	8.13.0
CT-29	C6-050636	A113	-	CR 11.10-4: Incorrect Dialling Number string in clause 27.22.4.13.1 SEQ 1.9 for PCS 1900	8.13.0
CT-29	C6-050640	A115	-	CR 11.10-4: Incorrect Ti Flag value for SET UP 1.4.1 in clause 27.22.4.16.1	8.13.0
CT-29	C6-050642	A116	-	CR 11.10-4: Correction of TP-MR (TP Message Reference) of the SMS SUBMIT TPDU submitted to the SS (Network)	8.13.0
CT-29	C6-050644	A117	-	CR 11.10-4: Corrections in the Logical description and BER encoding in clause 27.22.6.2 and 27.22.4.11	8.13.0
CT-29	C6-050646	A118	-	CR 11.10-4: Incorrect DCS in SMS-CB data download tests	8.13.0

CT-29	C6-050662	A119	-	CR 11.10-4: Essential Corrections in clause 27.22.8 MO SHORT MESSAGE CONTROL BY SIM	8.13.0
CT-29	C6-050664	A120	-	CR 11.10-4: Essential Corrections	8.13.0
CT-29	C6-050671	A121	-	CR 11.10-4 R99: Essential corrections in clause 27.22.4.7.2 REFRESH (IMSI changing procedure)	8.13.0
CT-29	C6-050672	A122	-	CR 11.10-4 R99: Incorrect SMS-PP 1.4.1 TPDU in clause 27.22.4.22.1	8.13.0
CT-29	C6-050674	A123	-	CR 11.10-4 R99: Missing interactions in Bearer Independent Protocol test cases	8.13.0
CT-29	C6-050669	A124	-	CR 11.10-4 R99: Applicability of TC 27.22.4.7.1 and TCs related to FDN and BDN	8.13.0
CT-29	C6-050703	A126	-	Correction of CB message identifier	8.13.0
CT-29	C6-050714	A125	-	Essential corrections in display icons Setup Menu and Select Item	8.13.0
-	-	-	-	editorial corrections due to the CRs approved at CP-29	8.13.1
CT-30	CP-050483	A114	-	Corrections of Set Up Call (second alpha identifier) test	8.14.0
CT-30	CP-050483	A129	-	Essential Corrections of Set Up Menu test	8.14.0
CT-30	CP-050483	A130	-	Essential Corrections in clause 27.22.4.11	8.14.0
CT-30	CP-050483	A131	-	Corrections to Select Item (icons support)	8.14.0
CT-30	CP-050483	A132	-	27.22.7.4.1 Location Status Event (normal)	8.14.0
CT-30	CP-050483	A134	-	Correction of applicability table	8.14.0
CT-30	CP-050483	A135	-	Correction in SMS-PP 1.4.1 TPDU of clause 27.22.4.22.1	8.14.0
CT-30	CP-050483	A136	-	Essential Corrections of SMS-PP download message in Refresh test case	8.14.0
CT-30	CP-050483	A137	-	Essential Correction in MO SHORT MESSAGE CONTROL BY SIM Deletion of sequence 1.9	8.14.0
CT-30	CP-050483	A138	-	Deletion of SEQ 1.3 in clause 27.22.4.13.1	8.14.0
CT-31	CP-060014	A148	-	Essential Corrections in clause 27.22.4.11	8.15.0
CT-31	CP-060014	A151	-	Essential Corrections in clause 27.22.8 MO SHORT MESSAGE CONTROL BY SIM	8.15.0
CT-31	CP-060014	A147	-	Essential correction in SEQ 1.4 of clause 27.22.4.11.1 SEND SS (normal)	8.15.0
CT-31	CP-060014	A146	-	Essential corrections of Run AT Command tests	8.15.0
CT-31	CP-060014	A152	-	Essential corrections to SET UP CALL test sequences	8.15.0
CT-31	CP-060012	A158	-	Essential correction of Refresh IMSI changing tests	8.15.0
CT-31	CP-060012	A141	-	Essential correction of UCS2 related test case applicability	8.15.0
CT-31	CP-060012	A142	-	Removal of SEQ 2.2 in clause 27.22.4.12.2	8.15.0
CT-31	CP-060012	A150	-	Essential correction of Channel Data length in SEQ 1.1 of clause 27.22.4.30	8.15.0
CT-31	CP-060012	A145	-	Essential correction of SMS-CB (data download) tests	8.15.0
CT-31	CP-060013	A139	-	Deletion of Send Data test sequence	8.15.0
CT-31	CP-060013	A140	-	Essential correction of Provide Local Information (IMEI) test	8.15.0
CT-31	CP-060013	A143	-	Essential Correction in SEQ 1.8 of clause 27.22.8	8.15.0
CT-31	CP-060013	A144	-	Essential correction on 27.22.7.3.1 Call Disconnected Event	8.15.0
CT-31	CP-060013	A149	-	Essential correction of Channel Data length in clause 27.22.4.30	8.15.0
CT-31	CP-060015	A154	-	Essential Correction in TERMINAL RESPONSE coding of clause 27.22.4.31	8.15.0
CT-31	CP-060015	A156	-	Essential corrections to Timer Expiration tests	8.15.0
CT-31	CP-060015	A153	-	BER-TLV suppressions	8.15.0
CT-31	CP-060016	A155	-	Creation of a new TS 51.10-4, Rel-4 specification coming from TS 11.10-4 R99	51.010-4v4.0.0
CT-32	CP-060236	0001	-	Essential correction to prevent optional ME features being mandatorily tested	4.1.0
CT-32	CP-060236	0004	-	Essential correction of Language Selection Event test	4.1.0
CT-32	CP-060242	0002	-	Essential correction of BIP tests	4.1.0
CT-32	CP-060242	0003	-	Essential Correction in REGISTER 1.2B message coding of clause 27.22.4.11.1 SEND SS (normal)	4.1.0
CT-32	CP-060242	0005	-	Essential correction of 27.22.4.13.1 SET UP CALL, seq 1.4	4.1.0
CT-32	CP-060242	0006	-	Essential correction of second card reader test applicability	4.1.0
CT-32	CP-060242	0007	-	Correction of TON/NPI coding for Call Control Test case	4.1.0
CT-32	CP-060242	0008	-	Essential corrections on 27.22.4.11.1 sequence. 1.2	4.1.0
CT-33	CP-060382	0016	1	Essential correction of GET INPUT test	4.2.0
CT-33	CP-060382	0018	1	Essential correction of SEND DATA test	4.2.0
CT-33	CP-060382	0019	1	Correction of various typographical errors	4.2.0
CT-33	CP-060382	0010	2	Essential correction of BIP test cases	4.2.0
CT-33	CP-060517	0012	1	Essential corrections Set Up Call, seq. 1.9	4.2.0
CT-33	CP-060475	0014	1	Essential corrections of MMI entries in table E.1	4.2.0
CT-33	CP-060475	0009	1	Corrections to SET UP CALL test case 27.22.4.13.1	4.2.0
CT-33	CP-060475	0020	2	Essential corrections to SEND SS concerning longForwardedToNumber	4.2.0
CT-33	CP-060475	0017	2	Corrections to MO SHORT MESSAGE CONTROL BY SIM tests	4.2.0
CT-34	CP-060539	0023	-	Essential corrections on TC 27.22.4.29, sequence 1.1	4.3.0
CT-34	CP-060540	0021	-	Correction of APN Coding in Open Channel test case	4.3.0
CT-34	CP-060540	0013	2	Essential corrections of BIP entries in table E.1	4.3.0

CT-34	CP-060540	0022	2	Essential correction of Result TLV handling	4.3.0
CT-34	CP-060540	0024	1	Essential correction of expected sequence in OPEN CHANNEL test case	4.3.0
CT-35	CP-070062	0032		Essential correction of Send USSD applicability	4.4.0
CT-35	CP-070062	0030	1	Essential correction of GPRS QoS parameter in BIP tests	4.4.0
CT-35	CP-070062	0036	1	Test execution recommendation for terminals supporting both, SAT and USAT	4.4.0
CT-35	CP-070063	0029		Essential correction of 27.22.5.2	4.4.0
CT-35	CP-070063	0027	1	Essential correction of Terminal Profile Support table	4.4.0
CT-35	CP-070063	0026	1	Essential correction of 27.22.4.13.1 Expected Sequence 1.7	4.4.0
CT-36	CP-070290	0037	-	Correction of reference to ISO/IEC 7816-3	4.5.0
CT-36	CP-070290	0038	1	Essential correction of test case applicability for 27.22.6.1	4.5.0
CT-36	CP-070290	0039	1	Essential correction on 27.22.8	4.5.0
-	-	-	-	MCC Table formatting throughout document (reduces page count)	4.5.0
CT-37	CP-070609	0040	-	Essential correction to 27.22.8	4.6.0
CT-37	CP-070610	0041	1	Essential correction of 27.22.6.2	4.6.0
CT-37	CP-070610	0042	-	Essential correction of 27.22.4.13.1, seq. 1.9	4.6.0
CT-37	CP-070609	0043	-	Essential Correction to insert a missing Carriage Return	4.6.0
CT-38	CP-070843	0044	1	Essential correction of 27.22.4.7.1, seq. 1.6	4.7.0
CT-38	CP-070843	0045	1	Essential correction of 27.22.8, seq. 1.3	4.7.0
CT-38	CP-070843	0046	1	Essential correction of 27.22.4.26.2.4.2, seq. 2.2	4.7.0
CT-38	CP-070843	0047	-	Correction to add optional support of Call Hold Supplementary Service	4.7.0
CT-39	CP-080170	0048	1	Essential correction to network dependency of several tests	4.8.0
CT-40	CP-080389	0050	1	Essential correction of icon test case applicability	4.9.0
CT-40	CP-080389	0052	3	Essential correction of test case applicability of 27.22.6.2 and 27.22.4.11	4.9.0
CT-41	CP-080590	0053	1	Essential correction of TC 27.22.4.11.1 Seq. 1.4B	4.10.0
CT-42	CP-080948	0055	-	Essential correction of TC 27.22.7.8.1 network dependency	4.11.0
CT-42	CP-080948	0056	-	Essential correction of GPRS QoS parameter in browser tests	4.11.0
CT-42	CP-080948	0056	-	Essential correction of 27.22.4.26.2 Seq. 2.2	4.11.0
CT-42	CP-080948	0056	-	Pre-conditions for Launch browser	4.11.0
CT-43	CP-080189	0059		Essential correction to 27.22.4.3.6 (GET INPUT (display of Icon)), sequence 6.1A	4.12.0
CT-43	CP-080189	0060		Essential correction to 27.22.4.11.2 and 27.22.4.11.3 (SEND SS)	4.12.0
CT-43	CP-080189	0061		Essential correction to 27.22.4.31 (GET CHANNEL STATUS) sequence 1.3	4.12.0
CT-43	CP-080189	0062		Essential correction 27.22.4.14 (POLLING OFF)	4.12.0
CT-43	CP-080189	0063	1	Essential correction to BIP tests - usage of ME's default channel identifier	4.12.0
CT-44	CP-090460	0064	1	Test case and test case applicability changes for terminals with reduced SAT capabilities	4.13.0
CT-45	CP-090720	0066		Essential correction of applicability and terminal profile table	4.14.0
CT-45	CP-090720	0065	3	Essential correction to icon test applicability	4.14.0
--------	--------------	-	-	Correction of misimplementation of CR 0064	4.14.1
CT-47	CP-100179	0067	1	Correction of typo error	4.15.0
CT-47	CP-100179	0069	-	Essential correction to the condition table	4.15.0
CT-47	CP-100179	0068	-	Correction of applicability for 'no alpha identifier presented' sequences	4.15.0
CT-49	CP-100591	0071	1	Essential correction of Table E.1 regarding 'Width reduction when in a menu'	4.16.0
CT-49	CP-100591	0073	1	Essential correction to test case applicability of letter class C features	4.16.0
CT-49	CP-100591	0072	3	Essential correction to Open Channel 27.22.4.27.2 sequence 2.4 test	4.16.0
CT-49	CP-100619	0070	1	Essential correction of test 27.22.4.9.3	4.16.0
CT-50	CP-100833	0074	-	Essential correction of the applicability of test 27.22.4.22.1 Seq. 1.4	4.17.0
CT-50	CP-100833	0076	1	Clarification of 'ELSE' parts in Table E.1	4.17.0
CT-51	CP-110229	0077	-	Correction of Send Short Message test case redundancy	4.18.0
CT-52	CP-110505	0078	-	Correction of Additional test Execution Recommendation AER002 due to incorrect implementation of CR 0077	4.19.0
CT-53	CP-110592	0080	1	Essential correction of Data Destination Address settings in BIP and Launch Browser tests	4.20.0
CT-54	CP-110906	0081	1	Essential correction to SMS-CB Applicability	4.21.0
CT-54	CP-110906	0079	2	Essential correction to Play Tone test	4.21.0
CT-54	CP-110906	0083	1	Correction to the condition ID of Table B.1	4.21.0
CT-55	CP-120151	0084	1	Test applicability correction of Open Channel with user rejection tests	4.22.0
CT-56	CP-120394	0085	2	Test applicability correction for terminals operating in PS mode	4.23.0
CT-56	CP-120394	0086	1	Correction of expected Terminal Reponse for unsuccessful Open Channel commands	4.23.0

CT-57	CP-120628	0087	2	Modification of the initial conditions for clause 27.22.4.7.1	4.24.0
CT-57	CP-120629	0088	2	Essential correction of Launch Browser tests	4.24.0
CT-57	CP-120629	0090	2	Essential correction of Launch Browser tests	4.24.0
CT-59	CP-130149	0092	1	Applicability of tests for MEs with reduced capabilities	4.25.0
CT-60	CP-130373	0093		Correction to Applicability of test case 27.22.4.1, seq. 4.4	4.26.0
CT-60	CP-130373	0094	2	Changes in LAUNCH BROWSER test cases	4.26.0
CT-62	CP-130793	0097		Essential correction for Applicability table related to Open Channel sequence 2.8	4.27.0
CT-64	CP-140419	0106	1	Creation of Rel-12	12.0.0
CT-64	CP-140421	0098	1	Essential correction of mismatch between proactive command coding and expected text to be displayed.	12.0.0
CT-65	CP-140704	0109	1	Usage of URL in test cases for LAUNCH BROWSER command	12.1.0
CT-65	CP-140704	0110	1	Corrections of the Text String coding format and General Result reference	12.1.0
CT-65	CP-140704	0111	1	Addition of test case applicability for Rel-4	12.1.0
CT-66	CP-140965	0112	1	Change of test sequence for LAUNCH BROWSER with default URL	12.2.0
CT-73	CP-160547	0113		Deletion of Rel-12 content of TS 51.010-4 and pointer to the next release	12.3.0

History

Document history		
V12.1.0	October 2014	Publication
V12.2.0	February 2015	Publication
V12.3.0	November 2016	Publication