# ETSI TS 151 010-2 V5.11.0 (2004-11)

*Technical Specification*

**Digital cellular telecommunications system (Phase 2+);
Mobile Station (MS) conformance specification;
Part 2: Protocol Implementation Conformance
Statement (PICS) proforma specification
(3GPP TS 51.010-2 version 5.11.0 Release 5)**

GLOBAL SYSTEM FOR
MOBILE COMMUNICATIONS

Reference

RTS/TSGG-0351010-2v5b0

Keywords

GSM

*ETSI*

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# Foreword

This Technical Specification (TS) has been produced by the 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.

# 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.

This 3GPP TS provides the Protocol Implementation Conformance Statement (PICS) proforma for Mobile Stations (MSs), operating in the 400 MHz, 700 MHz, 850 MHz, 900 MHz, 1 800 MHz and 1 900 MHz frequency band (GSM 400, GSM 700, GSM 850, GSM 900, DCS 1 800 and PCS 1 900) within the digital cellular telecommunications system.

The present document is part 2 of a multi-part 3GPP TS covering the digital cellular telecommunications system (GSM Phase2 and Phase 2+ Releases 96, 97, 98, 99, 3GPP Release 4 and 3GPP Release 5); Mobile Station (MS) conformance specification, as identified below:

Part 1: Conformance specification
Reference: 3GPP TS 51.010-1.

**Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification.
Reference: 3GPP TS 51.010-2.**

Part 3: Layer 3 (L3) Abstract Test Suite (ATS).
Reference: 3GPP TS 51.010-3.

Part 4: SIM Application Toolkit conformance specification
Reference: 3GPP TS 11.10-4.

# 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 Protocol Implementation Conformance Statement (PICS) proforma for Global System for Mobile Stations (MSs), 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 [3] and ETS 300 406 [1].

The present document is valid for MS implemented according to GSM Phase2 or Phase2+ R96, or R97, or R98, or R99 or 3GPP Release 4 or 3GPP Release 5.

# 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*.

[1] to [96]    (void)

[97]    3GPP TS 51.010-1 version 6 (Release 6): 'Mobile Station (MS) conformance specification; Part 1: Conformance specification'

# 3 Definitions and abbreviations

Void

# 4 Conformance to this PICS proforma specification

The requirements of the present document are provided in 3GPP TS 51.010-2 version 6 (Release 6) [96].

be removable.

# Annex A (normative):
# (void)

# Annex B (normative):
# (void)

# Annex C (informative):
# (void)

# Annex D (informative): Change history

| | | | | Change history | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **TSG #** | **TSG Doc** | **CR** | **Rev** | **Subject/Comment** | **Cat** | **Old** | **New** | **WG Doc** | **Work item** |
| GP-04 | GP-010465 | | | Approved as v4.0.0 | | 2.0.0 | 4.0.0 | | |
| GP-05 | GP-011151 | 001 | | Update to applicability table in 51.010-2 due to TDoc G4-010225 | F | 4.0.0 | 4.1.0 | G4-010242 | GPRS |
| GP-05 | GP-011151 | 002 | | Addition of EDGE test cases to the applicability table | F | 4.0.0 | 4.1.0 | G4-010329 | EDGE |
| GP-05 | GP-011151 | 004 | | Deletion of Test cases 13.5 and 13.17.5 from the Applicability Table | F | 4.0.0 | 4.1.0 | G4-010311 | TEI |
| GP-05 | GP-011151 | 005 | | Update of the Applicability Table with test cases for GPRS Cell Selection/Reselection 20.22 | F | 4.0.0 | 4.1.0 | G4-010315 | GPRS |
| GP-05 | GP-011151 | 006 | | Recommendation for updating the PICS specification 3GPP TS 51.010-2 according to changes in 3GPP TS 51.010-1 or 3GPP TS 11.10-4 | B | 4.0.0 | 4.1.0 | G4-010302 | TEI |
| GP-06 | GP-011466 | 007 | | Harmonisation of conformance tests related to terminal acoustics in GSM and 3G | F | 4.1.0 | 4.2.0 | G4-010336 | TEI |
| GP-06 | GP-011466 | 008 | | Correction of title for clause 44.2.3.3.4 | F | 4.1.0 | 4.2.0 | G4-010369 | GPRS |
| GP-06 | GP-011466 | 009 | | Correction of conditional statement C226 | F | 4.1.0 | 4.2.0 | G4-010436 | GPRS |
| GP-06 | GP-011466 | 010 | | Addition of new EGPRS test cases for section 51.3 (TBF Release) | F | 4.1.0 | 4.2.0 | G4-010419 | EDGE |
| GP-06 | GP-011466 | 011 | | Addition of new EGPRS test cases for section 52.4 (Measurement reports and Cell change order procedures) | F | 4.1.0 | 4.2.0 | G4-010420 | EDGE |
| GP-06 | GP-011466 | 012 | | Applicability table for EGPRS RR Paging Procedures | F | 4.1.0 | 4.2.0 | G4-010423 | EDGE |
| GP-06 | GP-011466 | 013 | | Applicability table for EGPRS Medium Access Control (MAC) Protocol/ Fixed Allocation | F | 4.1.0 | 4.2.0 | G4-010425 | EDGE |
| GP-06 | GP-011466 | 014 | | Addition of new EGPRS test cases for section 53 (EGPRS RLC Testcases) | F | 4.1.0 | 4.2.0 | G4-010429 | EDGE |
| GP-06 | GP-011466 | 015 | | Addition of new EGPRS test cases for section 52.3 (EGPRS MAC Dynamic Allocation) | F | 4.1.0 | 4.1.0 | G4-010534 | EDGE |
| GP-06 | GP-011466 | 016 | | Applicability table for Handover Test Cases | F | 4.1.0 | 4.2.0 | G4-010453 | GSM/ UMTS interw orking |
| GP-06 | GP-011466 | 017 | | Addition of 1,8V and 1,8V/3V SIM-ME interface test cases into 51.010-2 section A4.8 and Annex B ( applicability table) | F | 4.1.0 | 4.2.0 | G4-010494 | TEI |
| GP-06 | GP-011466 | 018 | | Correction of COMPACT and SoLSA tests in the Release column of table B.1 | F | 4.1.0 | 4.2.0 | G4-010448 | TEI |
| GP-07 | GP-012116 | 019 | | deletion of test case 27.11.2.1 | F | 4.2.0 | 4.3.0 | G5-010043 | TEI |
| GP-07 | GP-012117 | 020 | | Correction of applicability condition C220 in Annex B.1 | F | 4.2.0 | 4.3.0 | G5-010027 | TEI |
| GP-07 | GP-012118 | 021 | | Correction of applicability condition C52 in Annex B.1 | F | 4.2.0 | 4.3.0 | G5-010028 | TEI |
| GP-07 | GP-012119 | 022 | | Changes to applicability of test case 44.2.1.2.3 | F | 4.2.0 | 4.3.0 | G5-010149 | GPRS |
| GP-07 | GP-012120 | 023 | | 45.2.1.2.1 – This Test Case Should Only Be Applicable To Mobiles That Support Configuration of Their QoS. | F | 4.2.0 | 4.3.0 | G5-010159 | GPRS |
| GP-07 | GP-012609 | 034 | | Applicability Table for E-OTD Test Cases for LCS Clause 70 (Rel-4) | F | 4.2.0 | 4.3.0 | - | LCS |
| GP-07 | GP-012273 | 024 | | CR 51.010-2-024 on Annex B - removal of test case 51.2.4.2 (related to G4-010594) Rel-4 | F | 4.2.0 | 4.3.0 | G4-010622 | EDGE |
| GP-07 | GP-012274 | 025 | | CR 51.010-2-025 on GSM 700 and GSM850 inclusion into foreward Rel-4 | B | 4.2.0 | 4.3.0 | G4-010649 | GSM 700 |
| GP-07 | GP-012275 | 026 | | CR 51.010-2-026 on New test cases for clause 42.1 Rel-4 | B | 4.2.0 | 4.3.0 | G4-010649 | GPRS |
| GP-07 | GP-012276 | 027 | | CR 51.010-2-027 on change of test case name for clause 51.2.2.2. Rel-4 | F | 4.2.0 | 4.3.0 | G4-010663 | EDGE |
| GP-07 | GP-012277 | 028 | | CR 51.010-2-028 on Table B1 - Addition of section 52.1 testcases to the applicability table Rel-4 | B | 4.2.0 | 4.3.0 | G4-010669 | EGPRS |
| GP-07 | GP-012191 | 030 | | CR 51.010-2-030 Correction to the Applicability of test cases 13.17.1; 13.17.3 and 13.17.4 (Rel 4) | F | 4.2.0 | 4.3.0 | GP-012191 | EDGE |
| GP-07 | GP-012201 | 031 | | CR 51.010-2-31 Annex B - renameing of test case 51.2.4.1 (Rel 4) | F | 4.2.0 | 4.3.0 | GP-012201 | EDGE |
| GP-07 | GP-012722 | 034 | 1 | CR 51.010-2-034r1 Bad frame indication - TCH/AFS - | B | 4.2.0 | 4.3.0 | GP-012722 | AMR |

| TSG # | TSG Doc | CR | Rev | Subject/Comment | Cat | Old | New | WG Doc | Work item |
|-------|---------|-----|-----|-----------------|-----|-----|-----|--------|-----------|
| | | | | Random RF input 51.010-2 | | | | | |
| GP-07 | GP-012732 | 035 | | CR 51.010-2-035 14.18.7 Incremental Redundancy Performance, (addition of a new test) (Rel-4) | B | 4.2.0 | 4.3.0 | GP-012732 | EGPRS |
| GP-07 | GP-012784 | 036 | | CR 51.010-2-036 Applicability of test 42.2.2.4; Fixed Allocation/Uplink Transfer/T3184 Expiry | F | 4.2.0 | 4.3.0 | GP-012784 | GPRS |
| GP-07 | GP-012296 | 037 | | CR 51.010-2-035 Bad frame indication - TCH/AHS - Random RF input 51.010-2 | B | 4.2.0 | 4.3.0 | GP-012296 | AMR |
| GP-08 | GP-020367 | 041 | 1 | Applicability Table for E-OTD Test Cases for LCS Clause 70 (Rel-4) | F | 4.3.0 | 4.4.0 | GP-020367 | LCS |
| GP-08 | GP-020064 | 042 | | Update of references | F | 4.3.0 | 4.4.0 | GP-020064 | TEI |
| GP-08 | GP-020148 | 044 | | Additional Test Case | B | 4.3.0 | 4.4.0 | GP-020148 | GPRS |
| GP-08 | GP-020378 | 045 | 1 | Addition of LCS test cases to the Applicability Tables A2 and B.1 | F | 4.3.0 | 4.4.0 | GP-020378 | LCS |
| GP-09 | GP-021053 | 047 | 1 | Applicability Table B.1: Addition of test of short message type 0 (34.2.6) | F | 4.4.0 | 4.5.0 | GP-021053 | TEI |
| GP-09 | GP-020549 | 048 | - | Correction to reference clause | F | 4.4.0 | 4.5.0 | GP-020549 | TEI |
| GP-09 | GP-021213 | 049 | 1 | CR 51.010-2-049 Addition of LCS performance test cases to the Applicability Table B.1 | F | 4.4.0 | 4.5.0 | | LCS |
| GP-09 | GP-020605 | 051 | - | 51.010-2 Annex B: Correction of applicability table for section 46 | F | 4.4.0 | 4.8.0 | GP-020605 | GPRS |
| GP-09 | GP-020665 | 052 | | Removal of applicability of GPRS Fixed Allocation tests (42.2.x) for R99 and Rel-4 - (Rel-4). | F | 4.4.0 | 4.5.0 | | GPRS |
| GP-09 | GP-020666 | 053 | | Removal of EGPRS Fixed Allocation tests (52.2.x) for R99 and Rel-4 - (Rel-4). | F | 4.4.0 | 4.5.0 | | EDGE |
| GP-09 | GP-020728 | 054 | - | PICS update for GERAN to UTRAN Handover test cases | F | 4.4.0 | 4.5.0 | GP-020728 | GERAN>UTRAN HO |
| GP-09 | GP-020784 | 057 | | Removal of testcase 20.22.27 of 51.010-1 | F | 4.4.0 | 4.5.0 | | GPRS |
| GP-09 | GP-021181 | 058 | 3 | Applicability Table for A-GPS Test Cases for LCS Clause 70 (Rel 4) | F | 4.4.0 | 4.5.0 | GP-021181 | LCS |
| GP-10 | GP-021840 | 059 | 1 | CR to Applicability Table B.1: Correction of various stati | F | 4.5.0 | 4.6.0 | GP-021840 | TEI |
| GP-10 | GP-021842 | 060 | 1 | 51.010-2-060 Correct the Applicability Tables B.1 and | F | 4.5.0 | 4.6.0 | GP-021842 | LCS |
| GP-10 | GP-021561 | 061 | - | PICS update for AMR RATSCCH Test Cases | F | 4.5.0 | 4.6.0 | GP-021561 | AMR |
| GP-10 | GP-021871 | 062 | 1 | Annex B – Renaming of testcase 41.4.3.3.2 | F | 4.5.0 | 4.6.0 | GP-021561 | GPRS |
| GP-11 | GP-022747 | 069 | 2 | 51.010-2 PICS additions to section A.4.8 to better characterise non auto GPRS attach behaviour. | F | 4.6.0 | 4.7.0 | GP-022747 | GPRS |
| GP-11 | GP-022735 | 070 | 1 | CR 51.010-2-070 r1 Modification of Applicability Table for E-OTD Performance Tests | F | 4.6.0 | 4.7.0 | GP-022735 | LCS |
| GP-11 | GP-022621 | 071 | 1 | DTM additons to the PICS proforma tables for GSM mobile stations. | F | 4.6.0 | 4.7.0 | GP-022621 | DTM |
| GP-11 | GP-022294 | 072 | - | DTM additons to the test applicability tables for GSM mobile stations (WG5). | F | 4.6.0 | 4.7.0 | GP-022294 | DTM |
| GP-11 | GP-022320 | 073 | | CR 51.010-2-073 DTM additons to the test applicability tables for GSM mobile stations (WG4). | F | 4.6.0 | 4.7.0 | GP-022320 | DTM |
| GP-11 | GP-022342 | 074 | | CR 51.010-2-074 Removal of 5 EGPRS test cases from Annex B, Table B.1. - Rel-4 | F | 4.6.0 | 4.7.0 | GP-022342 | EDGE |
| GP-11 | GP-022693 | 075 | 1 | Correction of PICS conditions and corrected applicability of test case 45.2.1.2.2 in TS 51.010-2 | F | 4.6.0 | 4.7.0 | GP-022693 | TEI4 |
| GP-11 | GP-022424 | 077 | - | Applicability Table Update | F | 4.6.0 | 4.7.0 | GP-022424 | LCS |
| GP-11 | GP-022602 | 078 | 1 | CR 51.010-2-078 r1 Removal of TBF establishment via DCCH in Annex B, Table B.1 | F | 4.6.0 | 4.7.0 | GP-022602 | GPRS |
| GP-11 | GP-022734 | 079 | 1 | CR 51.010-2-079 r1 Addition of new layer 1 tests to matrix | F | 4.6.0 | 4.7.0 | GP-022734 | AMR |
| GP-11 | GP-022635 | 080 | 1 | Addition of new layer 3 tests to matrix | F | 4.6.0 | 4.7.0 | GP-022635 | AMR |
| GP-11 | GP-022473 | 081 | - | Applicability Table for E-OTD MOLR test cases | F | 4.6.0 | 4.7.0 | GP-022473 | LCS |
| GP | | | | | | | | | |
| GP-11 | GP-022625 | 066 | 1 | CR to 51.010-2: Addition of test of short message type 0 REL-5 (34.2.6a) to Applicability Table B.1 | F | 4.6.0 | 5.0.0 | GP-022625 | TEI |
| GP-11 | GP-022128 | 067 | - | Creation of 51.010-2 REL-5: Merging of REL-5, REL-4, R99 etc. PICS proforma Specifications | F | 4.6.0 | 5.0.0 | GP-022128 | TEI |
| GP-12 | GP-023335 | 083 | | CR 51.010-2-083 r1 Addition of WG4 DTM Conformance Tests to the Applicability table (Rel-5) | F | 5.0.0 | 5.1.0 | GP-023335 | DTM |
| GP-12 | GP-022948 | 084 | - | Addition of WG5 DTM Conformance Tests to the Applicability Table | F | 5.0.0 | 5.1.0 | GP-022948 | DTM |
| GP-12 | GP-023388 | 086 | 1 | Applicability Table Update | F | 5.0.0 | 5.1.0 | GP-023388 | LCS |
| GP-12 | GP-023033 | 087 | | CR 51.010-2-087 Changed the name of clause 51.2.2.3. | F | 5.0.0 | 5.1.0 | GP-023033 | EDGE |
| GP-12 | GP-023047 | 088 | - | Change of Applicability for test case 44.2.1.1.8 - GPRS | F | 5.0.0 | 5.1.0 | GP-023047 | GPRS |

**Change history** (table title, appears above the header row)

| TSG # | TSG Doc | CR | Rev | Subject/Comment | Cat | Old | New | WG Doc | Work item |
|---|---|---|---|---|---|---|---|---|---|
| | | | | attach/abnormal cases/power off | | | | | |
| GP-12 | GP-023295 | 089 | 1 | Add AMR half rate optional applicability | F | 5.0.0 | 5.1.0 | GP-023295 | AMR |
| GP-12 | GP-023385 | 091 | 1 | Introduction of UTRAN Classmark Change test cases in section 26.6.11 | F | 5.0.0 | 5.1.0 | GP-023385 | TEI |
| GP-12 | GP-023096 | 092 | | CR 51.010-2-092 Addition of Extended Uplink TBF Mode test cases to matrix | F | 5.0.0 | 5.1.0 | GP-023096 | GPRS |
| GP-12 | GP-023142 | 093 | - | Applicability Table for GMM Test Cases | F | 5.0.0 | 5.1.0 | GP-023142 | GPRS |
| GP-12 | GP-023393 | 094 | 2 | Applicability Table for E-OTD MOLR test cases | F | 5.0.0 | 5.1.0 | GP-023393 | LCS |
| GP-12 | GP-023334 | 095 | 1 | CR 51.010-2-095 r1 Error in Conditional Expression C53 in Table B.1 | F | 5.0.0 | 5.1.0 | GP-023334 | GPRS |
| GP-12 | GP-023392 | 096 | 2 | Modifications to allow introduction of the 11.10-4 R99 Test Spec | F | 5.0.0 | 5.1.0 | GP-023392 | TEI |
| GP-12 | GP-023338 | 097 | | CR 51.010-2-097 Addition of 4 new EGPRS test cases. | F | 5.0.0 | 5.1.0 | GP-023338 | EDGE |
| GP-13 | GP-030368 | 099 | 2 | Applicability of 'Speech teleservices' test cases in Annex B | F | 5.1.0 | 5.2.0 | GP-030368 | TEI |
| GP-13 | GP-030394 | 100 | 2 | CR 51.010-2-100 r2 Update of applicability table | B | 5.1.0 | 5.2.0 | | EDGE |
| GP-13 | GP-030167 | 101 | | Update to Applicability Table Indicating Tests for MS-Assisted E-OTD | F | 5.1.0 | 5.2.0 | GP-030167 | LCS |
| GP-13 | GP-030363 | 102 | 1 | Update to Applicability Table for Assisted GPS MO-LR Tests | F | 5.1.0 | 5.2.0 | GP-030363 | LCS |
| GP-13 | GP-030359 | 103 | 1 | suppression of table A.26.2 Terminal Profile | F | 5.1.0 | 5.2.0 | GP-030359 | SAT |
| GP-13 | GP-030348 | 104 | | CR 51.010-2-104 Updating PICS for AMR test cases | B | 5.1.0 | 5.2.0 | | AMR-NB |
| GP-13 | GP-030389 | 105 | | CR 51.010-2-105 Updating PICS for EMR cases | B | 5.1.0 | 5.2.0 | | TEI |
| GP-13 | GP-030395 | 106 | 1 | CR 51.010-2 106 r1 Addition of test case on NC2 and Re-allocation in uplink | B | 5.1.0 | 5.2.0 | | GPRS (S42) |
| GP-14 | GP-030499 | 107 | - | Clarification to speech codec definitions | F | 5.2.0 | 5.3.0 | GP-030499 | TEI |
| GP-14 | GP-030500 | 108 | - | Correction of Applicability column for clause 14.2.4. | F | 5.2.0 | 5.3.0 | GP-030500 | TEI |
| GP-14 | GP-030966 | 109 | 1 | Addition of some DTM test cases to the applicability table. | F | 5.2.0 | 5.3.0 | GP-030966 | DTM |
| GP-14 | GP-030639 | 110 | - | Deletion of test cases 42.4.2.1.5 and 52.4.2.1.5 from Table B.1. | F | 5.2.0 | 5.3.0 | GP-030639 | GPRS |
| GP-14 | GP-031044 | 111 | 2 | Modification of applicability table in 51.010-2 due to introduction of new test cases in 51.010-1 | F | 5.2.0 | 5.3.0 | GP-031044 | GPRS |
| GP-14 | GP-031017 | 113 | 2 | Addition of test case in TS 51.010 S42: Packet Uplink Assignment containing a new Coding Scheme command. | F | 5.2.0 | 5.3.0 | GP-031017 | GPRS |
| GP-14 | GP-030841 | 114 | - | Updating PICS for RxQual test cases | F | 5.2.0 | 5.3.0 | GP-030841 | AMR |
| GP-14 | GP-030999 | 115 | 1 | Modification of applicability table in 51.010-2 due to introduction of new test cases in 51.010-1 | F | 5.2.0 | 5.3.0 | GP-030999 | GSM |
| GP-14 | GP-030994 | 116 | 1 | Addition of test cases for Network Assisted Cell Change | B | 5.2.0 | 5.3.0 | GP-030994 | NACC |
| GP-14 | GP-031013 | 117 | - | CR 51.010-2 Incorrect applicabilty for 6 test cases of secion 42.3.1.1.* | F | 5.2.0 | 5.3.0 | GP-031013 | GPRS |
| GP-14 | GP-031050 | 118 | 2 | Update PICS for GPRS EMR Test case | F | 5.2.0 | 5.3.0 | GP-031050 | GPRS |
| GP-15 | GP-031086 | 119 | | CR 51.010-2-119  Table B.1: Conditions for TCs 14.2.18, 14.4.16, 26.6.5.2-2, 26.6.5.2-5, 26.6.5.2-6, 26.6.5.2-10 corrected; Missing TC 31.3.1.2.2.1 added | F | 5.3.0 | 5.4.0 | GP-031086 | TEI |
| GP-15 | GP-031287 | 122 | | CR 51.010-2-122 B1 Add new TC - 44.2.3.1.1a - Routing area updating / accepted / old P-TMSI | F | 5.3.0 | 5.4.0 | GP-031287 | GPRS |
| GP-15 | GP-031314 | 123 | | CR 51.010-2-123 Modification of applicability table in 51.010-2 due to introduction of new test cases in 51.010-1 and change of some testcases titles | F | 5.3.0 | 5.4.0 | GP-031314 | GPRS |
| GP-15 | GP-031460 | 124 | | CR 51.010-2-124 Update of Applicability Table for PEMR Test Cases (Rel-5) | F | 5.3.0 | 5.4.0 | GP-031460 | GPRS |
| GP-15 | GP-031714 | 125 | 1 | CR 51.010-2-125 rev1 Update of Applicability Table for SMS over GPRS (Rel-5) | F | 5.3.0 | 5.4.0 | GP-031714 | GPRS |
| GP-15 | GP-031493 | 126 | | CR 51.010-2-126 Deletion of clauses 42.4.2.1.2 and 42.4.2.3.2 from Table B.1. | F | 5.3.0 | 5.4.0 | GP-031493 | GPRS |
| GP-15 | GP-031506 | 127 | | CR 51.010-2-127 Deletion of clause 52.4 from Table B.1 | F | 5.3.0 | 5.4.0 | GP-031506 | EDGE |
| GP-15 | GP-031615 | 128 | | CR 51.010-2-1128 Deletion of test case 52.1.1.1 from Table B.1 | F | 5.3.0 | 5.4.0 | GP-031615 | EDGE |
| GP-15 | GP-031629 | 129 | | CR 51.010-2 129 Update PICS for 22.12 | F | 5.3.0 | 5.4.0 | GP-031629 | GPRS |
| GP-15 | GP-031631 | 130 | | CR 51.010-2 "Multiple PCCCH test cases 42.1.2.1.14, 42.1.2.1.15, 42.1.2.1.16, 42.1.2.1.17 and 42.1.2.1.18" | F | 5.3.0 | 5.4.0 | GP-031631 | GPRS |
| GP-15 | GP-031638 | 131 | 2 | CR 51.010-2-131 rev2 Update PICS for 20.22.29 | F | 5.3.0 | 5.4.0 | GP-031638 | Cell selection |
| GP-16 | GP-031952 | 121 | 1 | CR 51.010-2-121 rev 1 Removal of the close-ended TBF feature in annex B, table B1 | C | 5.4.0 | 5.5.0 | | TEI |
| GP-16 | GP-032156 | 135 | 1 | CR 51.010-2-135 rev1 Modification in the applicability of | F | 5.4.0 | 5.5.0 | | GPRS |

| | | | | **Change history** | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **TSG #** | **TSG Doc** | **CR** | **Rev** | **Subject/Comment** | **Cat** | **Old** | **New** | **WG Doc** | **Work item** |
| | | | | the following testcases: 42.3.1.1.8, 42.7.4, 52.3.1.1.8. Changing the name of the testcase 20.22.5. | | | | | |
| GP-16 | GP-031875 | 136 | | CR 51.010-2-136 Editorial changes to Packet Enhanced Measurement Reporting | F | 5.4.0 | 5.5.0 | | GPRS |
| GP-16 | GP-031961 | 137 | | CR 51.010-2-137 Applicability for 2G to 3G Cell Change Order Test Cases | F | 5.4.0 | 5.5.0 | | GPRS |
| GP-16 | GP-031974 | 138 | | CR 51.010-2-138  Update corresponding to changes to the DTM feature | F | 5.4.0 | 5.5.0 | | DTM |
| GP-16 | GP-032157 | 140 | | CR 51.010-2-140  Section 42: "New test cases: NC2 in Packet transfer mode | F | 5.4.0 | 5.5.0 | | GPRS |
| GP-16 | GP-032178 | 141 | 1 | CR 51.010-2-141 rev1 Section 70: "New test case: Conventional GPS | F | 5.4.0 | 5.5.0 | | LCS |
| GP-16 | GP-032160 | 143 | | CR 51.010-2-143 26.16.10 splitted in two test cases | F | 5.4.0 | 5.5.0 | | AMR |
| GP-17 | GP-032307 | 144 | - | Adding TTY test cases | B | 5.5.0 | 5.6.0 | GP-032307 | TTY |
| GP-17 | GP-032334 | 145 | - | Addition of new NC2 cases | F | 5.5.0 | 5.6.0 | GP-032334 | GPRS |
| GP-17 | GP-032776 | 146 | 1 | Modification to Applicability Table due to introduction of new testcases in 3GPP TS 51.010-1 | F | 5.5.0 | 5.6.0 | GP-032776 | GPRS |
| GP-17 | GP-032425 | 147 | - | CR 51.010-2 Test cases from section 53 missing | F | 5.5.0 | 5.6.0 | GP-032425 | GPRS |
| GP-17 | GP-032457 | 148 | - | Update PICS for MOLR MS-Based AGPS Test cases | F | 5.5.0 | 5.6.0 | GP-032457 | LCS |
| GP-17 | GP-032495 | 149 | - | Spilt of Multislot Classes for HSCSD, GPRS and EGPRS. | F | 5.5.0 | 5.6.0 | GP-032495 | EGPRS |
| GP-17 | GP-032566 | 150 | - | CR 51.010-2 Correction of test numbers in section 21.3 | F | 5.5.0 | 5.6.0 | GP-032566 | GPRS |
| GP-17 | GP-032643 | 151 | - | New test cases: NACC | B | 5.5.0 | 5.6.0 | GP-032643 | GPRS |
| GP-17 | GP-032784 | 153 | 1 | Modification of applicability table in 51.010-2 due to introduction of new test cases in 51.010-1 | F | 5.5.0 | 5.6.0 | GP-032784 | GSM |
| GP-17 | GP-032779 | 154 | - | Removal of test case 26.8.1.3.3.3 Incoming call / U9 mobile terminating call confirmed / termination requested by the user | F | 5.5.0 | 5.6.0 | GP-032779 | TEI |
| GP-18 | GP-040008 | 155 | - | New NC2 testcases | F | 5.6.0 | 5.7.0 | GP-040008 | GPRS |
| GP-18 | GP-040072 | 156 | - | 51.010-2 New NC2 testcases added in section 42.4.8.4 | F | 5.6.0 | 5.7.0 | GP-040072 | GPRS |
| GP-18 | GP-040509 | 157 | 1 | Addition of test cases for Intersystem Change | B | 5.6.0 | 5.7.0 | GP-040509 | Intersystem Change |
| GP-18 | GP-040504 | 158 | 1 | Removal of AMR C/I tests from section 26.16 | F | 5.6.0 | 5.7.0 | GP-040504 | AMR |
| GP-18 | GP-040496 | 159 | 1 | New section 20 NC2 test cases | F | 5.6.0 | 5.7.0 | GP-040496 | GPRS NC2 |
| GP-18 | GP-040148 | 160 | - | Correction of applicability for clauses 20.22.30.x. | F | 5.6.0 | 5.7.0 | GP-040148 | GPRS |
| GP-18 | GP-040155 | 161 | - | Change of applicability of 7 SM test cases in clauses 45.x. | F | 5.6.0 | 5.7.0 | GP-040155 | GPRS |
| GP-18 | GP-040176 | 162 | - | CR 51.010-2 Removal of test cases 20.22.21 and 44.2.8.2 | F | 5.6.0 | 5.7.0 | GP-040176 | GPRS |
| GP-18 | GP-040202 | 163 | - | PICS/PIXIT missing for Extended Uplink TBF | B | 5.6.0 | 5.7.0 | GP-040202 | Extended Uplink TBF |
| GP-18 | GP-040548 | 164 | 3 | New test case: I_level reporting New test case: Coding Scheme adaptation while the MS is in extended Uplink mode New test case: Modulation and Coding Scheme adaptation while the MS is in extended Upli | F | 5.6.0 | 5.7.0 | GP-040548 | GPRS |
| GP-18 | GP-040513 | 165 | 1 | CR 51.010-2 Section 45 applicability restrictions for three test cases | F | 5.6.0 | 5.7.0 | GP-040513 | GPRS |
| GP-19 | GP-041174 | 166 | 2 | New PICS/PIXIT, conditions and Test cases for NITZ/GPRS. | F | 5.7.0 | 5.8.0 | GP-041174 | GPRS |
| GP-19 | GP-041173 | 167 | 1 | Changes in applicability table for AMR RF testcases | F | 5.7.0 | 5.8.0 | GP-041173 | GSM |
| GP-19 | GP-041116 | 168 | 1 | Removal of  42.3.1.1.2 and 52.3.1.1.2 | F | 5.7.0 | 5.8.0 | GP-041116 | TEI |
| GP-19 | GP-041170 | 170 | 1 | Split Inter-System Handover high data rate test cases in keeping with 34.123-1CR727 (T1-040406) | F | 5.7.0 | 5.8.0 | GP-041170 | Inter System Handover |
| GP-19 | GP-040688 | 171 | - | Modification of Applicability Table for testcase 53.1.2.19 | F | 5.7.0 | 5.8.0 | GP-040688 | GPRS |
| GP-19 | GP-040694 | 172 | - | New test case for Intersystem Change and Integrity Protection | B | 5.7.0 | 5.8.0 | GP-040694 | Intersystem Change |
| GP-19 | GP-040734 | 173 | - | Correction of applicability table for TCs 20.22.8, 20.22.9, 42.1.2.1.8.2.2, 42.1.2.1.9.3 | F | 5.7.0 | 5.8.0 | GP-040734 | GPRS |
| GP-19 | GP-040735 | 174 | - | PICS parameters for concatenated SMS required | B | 5.7.0 | 5.8.0 | GP-040735 | GPRS |

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|---|---|---|---|---|---|---|---|---|---|
| **Change history** |
| **TSG #** | **TSG Doc** | **CR** | **Rev** | **Subject/Comment** | **Cat** | **Old** | **New** | **WG Doc** | **Work item** |
| GP-19 | GP-040865 | 175 | - | Addition of supported power classes for GSM 850 terminal equipment | F | 5.7.0 | 5.8.0 | GP-040865 | TEI |
| GP-19 | GP-040997 | 176 | - | Update of applicability of test case 46.2.2.4.2 | F | 5.7.0 | 5.8.0 | GP-040997 | GPRS |
| GP-19 | GP-041032 | 177 | - | Changing the name of the testcase 42.7.2 in the applicability table. | F | 5.7.0 | 5.8.0 | GP-041032 | GPRS |
| GP-19 | GP-041189 | 179 | | Deletion of TC 31.1.4.2 from 51.010-2 | F | 5.7.0 | 5.8.0 | GP-041189 | GSM |
| | | | | Addition of missing v5.8.0 history | | 5.8.0 | 5.8.1 | | |
| GP-20 | GP-041638 | 180 | 1 | Correction of various Multislot Selection Expressions in Annex B, Table B.1 | F | 5.8.1 | 5.9.0 | | GPRS, EDGE |
| GP-20 | GP-041237 | 181 | - | Part 2 : Addition of New NITZ TC 44.2.9.1.3 | F | 5.8.0 | 5.9.0 | | GPRS |
| GP-20 | GP-041308 | 183 | - | 51.010-2: Addition of new Extended UL TBF | B | 5.8.0 | 5.9.0 | | GPRS |
| GP-20 | GP-041338 | 184 | - | CR 051.010-2-184 Modification to Applicability Table due to addition of new Extended Uplink testcases in 51.010-1 | F | 5.8.0 | 5.9.0 | | GPRS |
| GP-20 | GP-041416 | 185 | - | Removal of reference to 26.16.9.12 | F | 5.8.0 | 5.9.0 | | GSM |
| GP-20 | GP-041649 | 189 | - | Addition of two new test cases: 'Network Control PEMR / Packet Cell Change Order ' and 'Network Control PEMR / Packet Enhanced Measurement Report / Measurement reporting with PBCCH / Invalid BSIC' | B | 5.8.0 | 5.9.0 | | PEMR |
| GP-21 | GP-041750 | 190 | - | Addition of supported power classes for 8-PSK terminal equipment. | F | 5.9.0 | 5.10.0 | GP-041750 | EGPRS |
| GP-21 | GP-041998 | 191 | - | CR 51.010-2 PICS parameters for band interworking | B | 5.9.0 | 5.10.0 | GP-041998 | GPRS |
| GP-21 | GP-041774 | 192 | - | 51.010-2: Addition of new Inter-RAT Cell Change Order / Failure cases | B | 5.9.0 | 5.10.0 | GP-041774 | GPRS |
| GP-21 | GP-041901 | 193 | - | CR 51.010-2 Addition of 4 new extended uplink TBF test cases to Table B.1: "Applicability of tests". | F | 5.9.0 | 5.10.0 | GP-041901 | GPRS /EGPRS |
| GP-21 | GP-041902 | 194 | - | CR 51.010-2 Section 41.5.1.1.2.3.5 Uplink TBF establishment with reallocation of CS resources / Abnormal case / Multislot class violation / Incorrect Allocation – applicable DTM Multislot class extend | B | 5.9.0 | 5.10.0 | GP-041902 | DTM |
| GP-21 | GP-041903 | 195 | - | CR 51.010-2 Correction to applicability table for TC 53.1.2.19. | F | 5.9.0 | 5.10.0 | GP-041903 | GPRS |
| GP-21 | GP-042157 | 196 | - | 51.010-2: Removal of 20.22.28 | B | 5.9.0 | 5.10.0 | GP-042157 | GPRS |
| GP-22 | GP-042300 | 197 | - | Correction to Table B.1: Applicability of tests | F | 5.10.0 | 5.11.0 | GP-042300 | Phase 2 |
| GP-22 | GP-042794 | 199 | 1 | Deletion of TC 20.22.25, TC 20.22.24 | F | 5.10.0 | 5.11.0 | GP-042794 | GPRS |
| GP-22 | GP-042713 | 200 | 1 | Addition of PICS/PIXIT item for 14 and 21 series tests | F | 5.10.0 | 5.11.0 | GP-042713 | AMR |
| GP-22 | GP-042815 | 201 | 1 | A.4.8 - Addition of new PICS parameter | F | 5.10.0 | 5.11.0 | GP-042815 | GPRS |
| GP-22 | GP-042419 | 202 | - | Change of title on TC 26.16.9.9 | F | 5.10.0 | 5.11.0 | GP-042419 | AMR |
| GP-22 | GP-042423 | 203 | - | Title of TC 41.5.1.2.2 changed | F | 5.10.0 | 5.11.0 | GP-042423 | DTM |
| GP-22 | GP-042443 | 206 | - | Applicability of the individual test - 41.5.1.1.2.3.5 - Correction of Condition C308 | F | 5.10.0 | 5.11.0 | GP-042443 | GPRS |
| GP-22 | GP-042793 | 207 | 1 | Addition of test cases for DTM/EGPRS | C | 5.10.0 | 5.11.0 | GP-042793 | DTM |
| GP-22 | GP-042816 | 208 | 2 | Addition of a new test case for USFs decoding by a MS in GPRS TBF mode when the USFs are assigned with EGPRS RLC/MAC blocks coded with MCS-1 to MCS-4. | B | 5.10.0 | 5.11.0 | GP-042816 | GPRS |
| GP-22 | GP-042915 | 209 | 1 | Creation of 51.010-2 REL-6: Merging of REL-5, REL-4, R99 etc. test specifications ( Foreword, clause 1 and clause 2) | F | 5.10.0 | 5.11.0 | GP-042915 | TEI |

# History

| Document history | | |
|---|---|---|
| V5.0.0 | September 2002 | Publication |
| V5.1.0 | December 2002 | Publication |
| V5.2.0 | February 2003 | Publication |
| V5.3.0 | April 2003 | Publication |
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| V5.6.0 | November 2003 | Publication |
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