

ETSI TS 151 010-2 V10.3.0 (2013-01)



**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 10.3.0 Release 10)**

[ETSI TS 151 010-2 V10.3.0 \(2013-01\)](https://standards.iteh.ai/catalog/standards/etsi/cf50b043-3ac0-4510-9eb2-9d7c1493b423/etsi-ts-151-010-2-v10-3-0-2013-01)

<https://standards.iteh.ai/catalog/standards/etsi/cf50b043-3ac0-4510-9eb2-9d7c1493b423/etsi-ts-151-010-2-v10-3-0-2013-01>



ReferenceRTS/TSGG-0351010-2va30

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

(<https://standards.iteh.ai>)
Document Preview

Important notice

Individual copies of the present document can be downloaded from:

<http://www.etsi.org>

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the 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

<http://portal.etsi.org/tb/status/status.asp>

If you find errors in the present document, please send your comment to one of the following services:

http://portal.etsi.org/chairecor/ETSI_support.asp

Copyright Notification

No part may be reproduced except as authorized by written permission.
The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2013.
All rights reserved.

DECTTM, PLUGTESTSTM, UMTSTM and the ETSI logo are Trade Marks of ETSI registered for the benefit of its Members.
3GPPTM and LTETM are Trade Marks of ETSI registered for the benefit of its Members and
of the 3GPP Organizational Partners.
GSM[®] and the GSM logo are Trade Marks registered and owned by the GSM Association.

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 (<http://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 Report (TR) 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>.

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ETSI TS 151 010-2 V10.3.0 \(2013-01\)](https://standards.iteh.ai/catalog/standards/etsi/cf50b043-3ac0-4510-9eb2-9d7c1493b423/etsi-ts-151-010-2-v10-3-0-2013-01)

<https://standards.iteh.ai/catalog/standards/etsi/cf50b043-3ac0-4510-9eb2-9d7c1493b423/etsi-ts-151-010-2-v10-3-0-2013-01>

Contents

Intellectual Property Rights	2
Foreword.....	2
Foreword.....	5
Introduction	6
1 Scope	7
2 References	7
3 Definitions and abbreviations.....	14
3.1 Definitions.....	14
3.2 Abbreviations	14
4 Conformance to this PICS proforma specification.....	14
Annex A (normative): PICS proforma for GSM mobile stations	15
A.1 Guidance for completing the PICS proforma.....	15
A.1.1 Purposes and structure.....	15
A.1.2 Abbreviations and conventions	15
A.1.3 Instructions for completing the PICS proforma.....	17
A.2 Identification of the implementation.....	17
A.2.1 Date of the statement.....	17
A.2.2 Implementation Under Test (IUT) identification.....	17
A.2.3 System Under Test (SUT) identification	18
A.2.4 Product supplier.....	18
A.2.5 Client	18
A.2.6 PICS contact person	19
A.3 Identification of the protocol.....	19
A.4 PICS proforma tables	19
A.4.1 Global statement of conformance.....	19
A.4.2 Types of Mobile Stations	21
A.4.3 Mobile Station Features.....	38
A.4.4 Teleservices.....	43
A.4.5 Bearer Services.....	44
A.4.6 Supplementary Services	46
A.4.7 Bearer Capability Information.....	48
A.4.8 Additional Information.....	68
A.4.9 SIM Application Toolkit	82
A.4.9.1 SIM Application Toolkit mechanism.....	83
A.4.9.1.1 Terminal Profile	83
A.4.10 Support of UTRAN Radio Access Technology.....	83
Annex B (normative): Applicability of the individual test	84
Annex C (informative): Guidance for updating the PICS specification.....	276
C.1 Update of tables of annex A	276
C.2 Identification of PICS items	276
C.3 Update of PICS items.....	276
C.4 Update of table B.1 of annex B	276
C.5 Update of the listed tests of table B.1.....	277
C.6 Update of the applicability conditions of table B.1.....	277

Annex D (informative):	Labelling of Inter-RAT signalling test cases	278
D.1	GERAN/UTRAN band combinations for inter-RAT tests.....	278
Annex E (informative):	Change history	279
History		298

iTeh Standards

(<https://standards.iteh.ai>)

Document Preview

ETSI TS 151 010-2 V10.3.0 (2013-01)

<https://standards.iteh.ai/catalog/standards/etsi/cf50b043-3ac0-4510-9eb2-9d7c1493b423/etsi-ts-151-010-2-v10-3-0-2013-01>

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>.

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 deliverable covering the Digital cellular telecommunications system (GSM Phase2 and Phase 2+ Releases 1996, 1997, 1998, 1999, 3GPP Release 4, 3GPP Release 5, 3GPP Release 6 and 3GPP Release 7); 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.
- Part 5: Inter-RAT (GERAN to UTRAN) Abstract Test Suite (ATS)
Reference: 3GPP TS 51.010-5.
- Part 7: Location Services (LCS) test scenarios and assistance data.
Reference: 3GPP TS 51.010-7.

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).

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ETSI TS 151 010-2 V10.3.0 \(2013-01\)](https://standards.iteh.ai/catalog/standards/etsi/cf50b043-3ac0-4510-9eb2-9d7c1493b423/etsi-ts-151-010-2-v10-3-0-2013-01)

<https://standards.iteh.ai/catalog/standards/etsi/cf50b043-3ac0-4510-9eb2-9d7c1493b423/etsi-ts-151-010-2-v10-3-0-2013-01>