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Digital cellular telecommunications system (Phase 2+) (GSM); Subscriber Identity Modules (SIM); Functional characteristics (GSM 02.17 version 5.1.1 Release 1996)

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ICS:

33.070.50	Globalni sistem za mobilno telekomunikacijo (GSM)	Global System for Mobile Communication (GSM)
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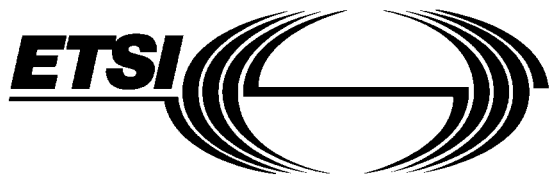
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**Digital cellular telecommunications system (Phase 2+);
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Functional characteristics
(GSM 02.17 version 5.1.1 Release 1996)**

ETSI

European Telecommunications Standards Institute

ETSI Secretariat

Postal address: F-06921 Sophia Antipolis CEDEX - FRANCE

Office address: 650 Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE

Internet: secretariat@etsi.fr - <http://www.etsi.org>

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

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Special Mobile Group (SMG) of the European Telecommunications Standards Institute (ETSI).

This ETS defines the functional characteristics of the Subscriber Identity Module (SIM) of Mobile Stations (MS) within the digital cellular telecommunications system.

The contents of this ETS may be subject to continuing work within SMG and may change following formal SMG approval. Should SMG modify the contents of this ETS, it will be resubmitted for formal approval procedure by ETSI with an identifying change of release date and an increase in version number as follows:

Version 5.x.y

where:

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- 5 GSM Phase 2+ Release 1996
 - x the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
 - y the third digit is incremented when editorial only changes have been incorporated in the specification

The specification from which this ETS has been derived was originally based on CEPT documentation, hence the presentation of this ETS may not be entirely in accordance with the ETSI/PNE Rules.

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1 Scope

The present document defines the functional characteristics and requirements of the Subscriber Identity Module (SIM) for use in GSM 900, GSM 1800 and PCS 1900 applications. All references to GSM shall apply equally to GSM 900, GSM 1800 and PCS 1900 unless otherwise stated.

The SIM is the entity that contains the identity of the subscriber. When placed in a Mobile Equipment (ME), together they become a Mobile Station (MS) which may then register onto a GSM network.

The primary function of the SIM in conjunction with a GSM network is to authenticate the validity of an MS when accessing the network. In addition it provides a means to authenticate the user and may also store other subscriber-related information or applications. Subscription entitlements are stored not in the SIM, but in the network.

If the SIM functionality is incorporated into a multi-application card, the GSM application may be used in other telecommunication applications.

In addition, SIMs are permitted to contain non-GSM functionality. In the case of multi-application cards, this ETS defines just the GSM application.

2 Normative 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.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

- [1] GSM 01.02: "Digital cellular telecommunications system (Phase 2+); General description of a GSM Public Land Mobile Network (PLMN)".
<https://standards.itec.int/catalogue/standards/sist/24841/ets-300-922-03/c905b0a5f749/sist-ets-300-922-e2-2003>
- [2] GSM 01.04: "Digital cellular telecommunications system (Phase 2+); Abbreviations and acronyms".
- [3] GSM 02.03: "Digital cellular telecommunications system (Phase 2+); Teleservices supported by a GSM Public Land Mobile Network (PLMN)".
- [4] GSM 02.07: "Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) features".
- [5] GSM 02.09: "Digital cellular telecommunications system (Phase 2+); Security aspects".
- [6] GSM 02.11: "Digital cellular telecommunications system (Phase 2+); Service accessibility".
- [7] not used.
- [8] GSM 02.30: "Digital cellular telecommunications system (Phase 2+); Man-Machine Interface (MMI) of the Mobile Station (MS)".
- [9] GSM 03.20: "Digital cellular telecommunications system (Phase 2+); Security related network functions".
- [10] not used.
- [11] not used.