



SLOVENSKI STANDARD SIST ETS 300 504 E4:2003

01-december-2003

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Digital cellular telecommunications system (Phase 2) (GSM); Types of Mobile Stations (MS) (GSM 02.06 version 4.5.2)

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Ta slovenski standard je istoveten z: ^{SIST ETS 300 504 E4:2003} **ETS 300 504 Edition 4**
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ICS:

33.070.50	Globalni sistem za mobilno telekomunikacijo (GSM)	Global System for Mobile Communication (GSM)
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EUROPEAN
TELECOMMUNICATION
STANDARD

ETS 300 504

January 1998

Fourth Edition

Source: SMG

Reference: RE/SMG-010206PR3

ICS: 33.020

Key words: Digital cellular telecommunications system, Global System for Mobile communications (GSM)



**Digital cellular telecommunications system (Phase 2);
Types of Mobile Stations (MS)
(GSM 02.06 version 4.5.2)**

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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 typical attributes of different types of Mobile Stations (MS) used with GSM and DCS 1 800 PLMNs within the European digital cellular telecommunications system (Phase 2).

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.

Transposition dates	
Date of adoption of this ETS:	5 December 1997
Date of latest announcement of this ETS (doa):	30 April 1998
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 October 1998
Date of withdrawal of any conflicting National Standard (dow):	31 October 1998

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1 Scope

The purpose of this ETS is to describe typical attributes of different types of Mobile Stations (MS) to be used on GSM PLMNs. The term GSM PLMN refers to a GSM, DCS 1 800 or any PLMN based on the GSM specification, irrespective of the frequency band used.

Manufacturers and customers may choose any appropriate combination of these attributes in order to fulfil their need while utilizing the services offered through a GSM or a DCS 1 800 PLMN. This is not an exhaustive list of attributes or types of Mobile Station. Type approval of Mobile Stations is addressed in GSM 11.10.

1.1 Normative references

This ETS incorporates by dated and undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

- [1] GSM 01.04 (ETR 100): "Digital cellular telecommunications system (Phase 2); Abbreviations and acronyms".
- [2] GSM 04.03 (ETS 300 552): "Digital cellular telecommunications system (Phase 2); Mobile Station - Base Station System (MS-BSS) interface Channel structures and access capabilities".
- [3] GSM 04.08 (ETS 300 557): "Digital cellular telecommunications system (Phase 2); Mobile radio interface layer 3 specification".
- [4] GSM 05.05 (ETS 300 577): "Digital cellular telecommunications system (Phase 2); Radio transmission and reception".
- [5] GSM 11.10 (ETS 300 607): "Digital cellular telecommunications system (Phase 2); Mobile Station (MS) conformity specification".

1.2 Abbreviations

Abbreviations used in this document are listed in GSM 01.04.

2 General

The term Mobile Station is taken to mean equipment necessary to access GSM PLMN telecommunication services. It includes the mobile termination and also may include Terminal Equipments and Terminal Adaptors. Some of the characteristics of the configuration in use at any time will be reflected in the Mobile Station Class Mark (see GSM 04.08). A Mobile Station is characterized by a set of attributes defined in clause 3.

3 Mobile Station attributes

The list of Mobile Station attributes is as follows:

- MS service access configuration;
- MS access capability;
- Modes of Use.

3.1 MS service access configuration

Service access configuration must suit the requirements of the customer and will depend on the combination of tele-, bearer and supplementary services to be used. The actual configuration will depend on the manufacturers' implementation and may comprise a single unit or a mobile termination unit with additional Terminal Equipment and/or Terminal Adaptors.