



# SLOVENSKI STANDARD SIST ETS 300 919 E3:2003

01-december-2003

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Digital cellular telecommunications system (Phase 2+) (GSM); Types of Mobile Stations (MS) (GSM 02.06 version 5.2.1 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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**Digital cellular telecommunications system (Phase 2+);  
Types of Mobile Stations (MS)  
(GSM 02.06 version 5.2.1 Release 1996)**

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## Foreword

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

This ETS defines typical attributes of different types of Mobile Stations (MS) used with GSM and DCS 1800 PLMNs within the digital cellular telecommunications system.

The contents of the present document is subject to continuing work within SMG and may change following formal SMG approval. Should SMG modify the contents of the present document it will be re-released 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 indicates Release 1996 of GSM Phase 2+
- 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.

### Transposition dates

Date of adoption of this ETS:	6 August 1999
Date of latest announcement of this ETS (doa):	30 November 1999
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 May 2000
Date of withdrawal of any conflicting National Standard (dow):	31 May 2000

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## 1 Scope

The purpose of this European Telecommunication Standard (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 1800 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 1800 PLMN. This is not an exhaustive list of attributes or types of MS. Type approval of MSs 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 350): "Digital cellular telecommunication system (Phase 2+); Abbreviations and acronyms".   |
| [2] | GSM 04.03: "Digital cellular telecommunication system (Phase 2+); Mobile Station - Base Station System (MS-BSS) interface Channel structures and access capabilities". |
| [3] | GSM 04.08 (ETS 300 940): "Digital cellular telecommunication system (Phase 2+); Mobile radio interface layer 3 specification".   |
| [4] | GSM 05.02 (ETS 300 908): "Digital cellular telecommunication system (Phase 2+); Multiplexing and multiple access on the radio path".                                   |
| [5] | GSM 05.05 (ETS 300 910): "Digital cellular telecommunication system (Phase 2+); Radio transmission and reception".   |
| [6] | GSM 11.10 (ETS 300 607): "Digital cellular telecommunication system (Phase 2+); Mobile Station (MS) conformity specification".   |

### 1.2 Abbreviations

Abbreviations used in this ETS 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 MS is characterized by a set of attributes defined in clause 3.

## 3 Mobile Station attributes

The list of MS 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.