



# SLOVENSKI STANDARD SIST ETS 300 625 E2:2003

01-december-2003

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8 [[ ]HJb]`W] b]`h`Y`\_ca i b]\_UW`g\_]`g]ghYa `fZuU&L`3`E`BYgfi \_hi f]fUb]`dcXUh\_]`c  
Xcdc`b]`b]`glcf]hj ]`fi GG8 L`E`Dfj Uff`L`glc`db`Ufi GA`\$&`-\$zfUh`] ]WJ( `%%L

Digital cellular telecommunications system (Phase 2) (GSM); Unstructured Supplementary Service Data (USSD); Stage 1 (GSM 02.90 version 4.1.1)

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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);  
Unstructured Supplementary Service Data (USSD) - Stage 1  
(GSM 02.90 version 4.1.1)**

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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 stage 1 description of Unstructured Supplementary Service Data (USSD) for use within the European digital cellular telecommunications system (Phase 2).

Transposition dates	
Date of adoption:	22 August 1997
Date of latest announcement of this ETS (doa):	31 December 1997
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	30 June 1998
Date of withdrawal of any conflicting National Standard (dow):	30 June 1998

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## 1 Scope

This European Telecommunication Standard (ETS) defines the stage 1 description of Unstructured Supplementary Service Data (USSD) for use in one or a number of GSM Public Land Mobile Networks (PLMNs).

## 2 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 02.04 (ETS 300 503): "Digital cellular telecommunications system (Phase 2); General on supplementary services".
- [3] GSM 02.30 (ETS 300 511): "Digital cellular telecommunications system (Phase 2); Man-Machine Interface (MMI) of the Mobile Station (MS)".
- [4] GSM 03.38 (ETS 300 537): "Digital cellular telecommunications system (Phase 2); Alphabets and language-specific information".
- [5] GSM 04.80 (ETS 300 564): "Digital cellular telecommunications system (Phase 2); Mobile radio interface layer 3 supplementary services specification Formats and coding".

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## 3 Abbreviations

Abbreviations used in this ETS are listed in GSM 01.04 [1].

## 4 Unstructured SS data operations

### 4.1 Mobile initiated unstructured SS data operations

#### 4.1.1 Initiating action at the Mobile Station (MS)

If the user enters an MMI string that, according to GSM 02.30 [3], should be treated as USSD, the MS shall send this string to the network using the appropriate operation from GSM 04.80 [5].

The mobile initiated operation shall contain an alphabet indicator and language indicator. The alphabet indicator shall indicate the alphabet used in the operation and shall be set to "SMS default alphabet". The language indicator shall indicate "language unspecified".

The MS may initiate an USSD Operation either during a call or out of call.

#### 4.1.2 Action at the network

A network supporting USSD shall examine the alphabet indicator. If the serving network does not recognize the alphabet indicated in the mobile initiated USSD operation, it shall send the operation to the HLR.

On recognition of the alphabet, the network shall examine the contents of the string, and take appropriate action, according to the following rules, depending of the format of the message.