



SLOVENSKI STANDARD
SIST ETS 300 081 E1:2003

01-december-2003

Digitalno omrežje z integriranimi storitvami (ISDN) – Protokoli za sistem Teletex pri izvedbi konec-konec prek sistema ISDN

Integrated Services Digital Network (ISDN); Teletex end-to-end protocol over the ISDN

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ICS:

33.050.30	Oprema za teleks, teletext, telefaks	Equipment for telex, teletext, telefax
33.080	Digitalno omrežje z integriranimi storitvami (ISDN)	Integrated Services Digital Network (ISDN)

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Terminal Equipment (TE) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This ETS makes major reference to a number of CCITT Recommendations provided in the Normative references Clause (Clause 2), and can only be applied when considered together with elements of the CCITT Recommendations.

Annex A is normative and provides additional session layer requirements plus the necessary amendments needed to CCITT Recommendation T.62 [3]. Annex B is also normative and sets down test procedures for end-to-end protocols with reference to prETS 300 017 [8] together with CCITT Recommendation T.64 [7].

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1 Scope and field of application

This ETS refers to the low layer protocols to be used in the Integrated Services Digital Network (ISDN), as defined in CCITT Recommendation T.90 [1] together with ETS 300 080 [2].

This ETS specifies the end-to-end protocols to be used between two end systems as defined in CCITT Recommendation T.62 [3].

In addition, it defines the octet-string to be interchanged based on the coding scheme, as defined in CCITT Recommendation T.61 [4].

This ETS gives a general tool for a manufacturer-independent compatible text communication between end systems over the ISDN, based on the Telematic protocol stack.

2 Normative references

This ETS incorporates by dated or 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] CCITT Recommendation T.90 (1992): "Characteristics and protocols for terminals for telematics services in ISDN".
- [2] ETS 300 080 (1992): "Integrated Services Digital Network (ISDN); ISDN lower layer protocols for telematic terminals".
- [3] CCITT Recommendation T.62 (1988): "Control procedures for teletex and Group 4 facsimile services".
- [4] CCITT Recommendation T.61 (1988): "Character repertoire and coded character sets for the international teletex service".
- [5] CCITT Recommendation T.60 (1988): "Terminal equipment for use in the teletex service".
- [6] CCITT Recommendation T.62 bis (1988): "Control procedures for teletex and G 4 facsimile services based on Recommendations X.215 and X.225".
- [7] CCITT Recommendation T.64 (1988): "Conformance testing procedures for the teletex Recommendations".
- [8] Draft prETS 300 017: Terminal Equipment (TE); "Test procedures for Teletex".

3 Definitions and abbreviations

For the purpose of this ETS, the following definitions apply:

Teletex document: octet strings encoded according to the primary and supplementary sets of graphic character and the primary and supplementary sets of control functions as defined in CCITT Recommendation T.61 [4], §4.1 and §4.2, representing only characters out of the basic graphic character repertoire and the basic control function repertoire as defined in CCITT Recommendation T.61 [4], §3.2 and §3.3, and complying with the basic page formats as defined in CCITT Recommendation T.60 [5], §4.2.

The other terms and all abbreviations used throughout this ETS are as defined in the ETSs/CCITT Recommendations provided in Clause 2.