SLOVENSKI STANDARD
SIST ETS 300 015 E1:2003

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Terminalska oprema (TE) ï Osnovne in priporoļene dodatne zahteve za terminalsko opremo, ki podpira uporabo sistema Teletex

Terminal Equipment (TE); Basic and recommended additional requirements for terminal equipment supporting Teletex application

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ICS:

33.050.30	Oprema za teleks, teletekst, telefaks	Equipment for telex, teletext, telefax
35.180	Terminalska in druga periferna oprema IT	IT Terminal and other peripheral equipment

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ETS 300 015

February 1994

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Reference: T/TE 07-01

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Terminal Equipment (TE); Basic and recommended additional requirements for terminal equipment supporting Teletex application

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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 defines the basic and recommended additional minimum requirements for terminal equipment participating in the Teletex service. The terminal described herein offers users the ability to prepare character coded text messages together with a means of conveying the true contents of such messages to a distant terminal equipment complying with the same specifications.

Teletex systems such as cluster, Private Automatic Branch Exchanges (PABX), etc., may need additional requirements. These can be found in Clause 10 of this ETS.

This ETS provides a description of the basic Teletex equipment for use in the international Teletex service.

For optional features the following ETSs apply:

- ETS 300 154: "Terminal Equipment (TE); Terminal characteristics for the telematic file transfer within the teletex service [ITU-T Recommendation T.571 (1993) modified]" [13].

- prETS 300 243-1 (1993): "Terminal Equipment (TE); Programming Communication Interface (PCI) Appli/Com for Facsimile group 3, Facsimile group 4, Teletex and Telex services [ITU-T Recommendation T.611 (1992) modified]" [14].

- prETS 300 243-2 (1993): "Terminal Equipment (TE); Application of ITU-T Recommendation T.611 (1992) and conformance testing on ETS 300 243-1" [22].

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1 Scope

This ETS describes the specification to be used for basic Teletex terminal equipment for use in the international Teletex service.

This ETS is based on the relevant CCITT and ITU-T Recommendations. In order to provide guidance, modifications and/or additions are also contained and identified where necessary.

NOTE: Throughout this ETS the term "Administration" should be taken to read as either "Administration" or "Recognised Private Operating Agency".

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] ITU-T Recommendation T.60: "Terminal equipment for use in the teletex service".

[2] ITU-T Recommendation T.61: "Character repertoire and coded character sets for the international teletex service".

[3] ITU-T Recommendation T.62: "Control procedures for teletex and Group 4 facsimile services".

[4] ITU-T Recommendation T.63: "Provisions for verification of teletex terminal compliance".

[5] ITU-T Recommendation T.64: "Conformance Testing Procedures for the Teletex Recommendations".

[6] ITU-T Recommendation T.70: "Network independent basic transport service for the telematic services".

[7] CCITT Recommendation T.90 (1992): "Characteristics and protocols for terminals for telematic services in ISDN".

[8] CCITT Recommendation T.390 (1988): "Teletex requirements for interworking with the telex service".

[9] CCITT Recommendation F.200 (1992): "Teletex service".

[10] ITU-T Recommendation F.201: "Interworking between teletex service and telex service - General principles".

[11] ETS 300 081 (1993): "Integrated Services Digital Network (ISDN); Teletex end-to-end protocol over the ISDN".

[12] ETS 300 017: "Terminal Equipment (TE); Test procedures for Teletex".

[13] ETS 300 154: "Terminal Equipment (TE); Terminal characteristics for the telematic file transfer within the teletex service [ITU-T Recommendation T.571 (1993) (modified)]".

[14] prETS 300 243-1: "Terminal Equipment (TE); Programming Communication Interface (PCI) Appli/Com for Facsimile group 3, Facsimile group 4, Teletex and Telex services [CCITT Recommendation T.611 (1992) modified]".

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[15] ENV 41104: "Packet-switched data network; permanent access (FS T/31)".

[16] ENV 41106: "Digital data circuit (circuit switched data networks); provision of the OSI connection-mode transport service in the T.70 case for telematic end systems (FS T/41)".

[17] ENV 41105: "Packet-switched data network; switched access (FS T/32)".

[18] NET 1: "Approval requirements for data terminal equipment to connect to CSPN and leased circuits using CCITT Recommendation X.21 interface".

[19] NET 2 (1988): "Approval requirements for Data Terminal Equipment (DTE) to connect to Packet Switched Public Data Network (PSPDN) using CCITT Recommendation X.25 (1984) interface".

[20] ETS 300 001 (1992): "Attachments to Public Switched Telephone Network (PSTN); General technical requirements for equipment connected to an analogue subscriber interface in the PSTN (candidate NET 4)".

[21] ETS 300 080 (1992): "Integrated Services Digital Network (ISDN); ISDN lower layer protocols for telematic terminals".

[22] prETS 300 243-2: "Terminal Equipment (TE); Application of CCITT Recommendation T.611 (1992) and conformance testing on ETS 300 243-1".

An overview on the relation of standards to each other is given in figures 1 and 2 as follows.

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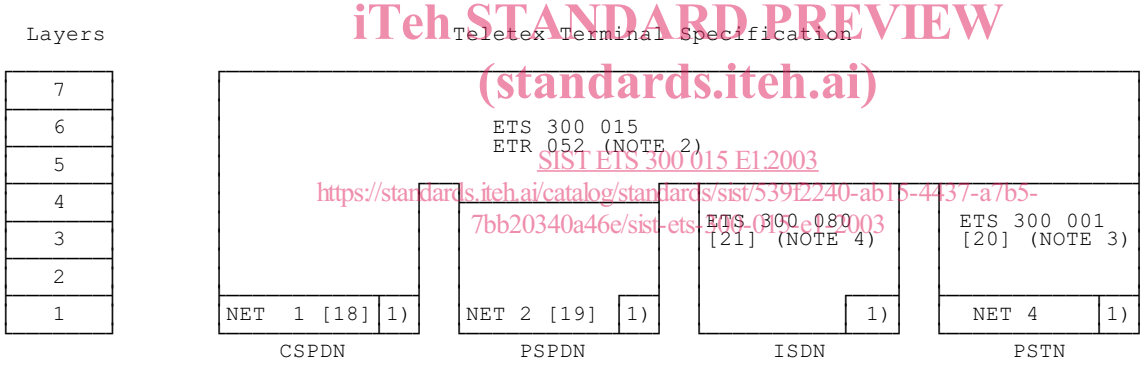

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NOTE 1: National additions (e.g. mandatory use of data and time information in CSPDN).

NOTE 2: ETR 052 deals with Teletex-telex-intercommunication.

NOTE 3: ETS 300 001 [20] includes layer 4 as well.

NOTE 4: See figure 2.

Figure 1: Teletex terminal specification