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**Terminal Equipment (TE);
Terminla characteristics for the telematic file transfer
within the teletex service**

[ITU-T Recommendation T.571 modified]

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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).

ITU-T Recommendation T.571 [1] ("Terminal characteristics for the telematic file transfer within the Teletex service") indicates the telematic file transfer for facsimile Group A as for further study. Within the ETSI environment, the use of this ETS also applies to the facsimile Group 4 service, since the telematic protocol used for the telematic file transfer is identical for Teletex and the facsimile Group 4 service.

Since the telematic file transfer is used in the scope of ITU-T Recommendation T.571 [1], all ETSs relevant to the telematic services, Teletex and facsimile Group 4, may be considered in conjunction with this ETS. These include:

- ETS 300 015 "Terminal Equipment (TE); Basic and recommended additional requirements for terminal equipment supporting Teletex application".
- ETS 300 017 "Terminal Equipment (TE); Test procedures for Teletex".
- ETS 300 081 "Integrated Services Digital Network (ISDN); Teletex end-to-end protocol over the ISDN".
- ETS 300 087 "Integrated Services Digital Network (ISDN); Facsimile group 4 class 1 equipment on the ISDN, Functional specification of the equipment".
- ETS 300 112 "Integrated Services Digital Network (ISDN); Facsimile group 4 class 1 equipment on the ISDN, End-to-end protocols".
- ETS 300 155 "Integrated Services Digital Network (ISDN); Facsimile group 4 class 1 equipment on the ISDN, End-to-end protocol tests (Interconnection capability testing)".
- ETS 300 280 "Terminal Equipment (TE); Facsimile group 4 class 1 equipment on the Integrated Services Digital Network (ISDN), Terminal testing".
- ETR 052 "Terminal Equipment (TE); Service intercommunication requirements for Teletex terminal equipment".

Endorsement Notice

ITU-T Recommendation T.571 [1] defines the general rules required for the implementation of the telematic file transfer for Teletex or facsimile Group 4 application. The text of ITU-T Recommendation T.571 (1993) [1] is proposed, by ETSI as an ETS with the agreed common modifications as indicated by a vertical line in the left margin of the text.

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.571 (1993): "Terminal characteristics for the telematic file transfer within the teletex service".

Common modifications

- 1) Delete the scope in ITU-T Recommendation T.571 [1] and insert the following text as the scope for this ETS:

"1 Scope

This ETS contains the technical description for implementing the functionalities necessary for the telematic file transfer. The ETS is based on ITU-T Recommendation T.571 [1]. The description of the service requirements can be found in CCITT Recommendation F.551 [8].

The objective is to allow the transmission of data files using the telematic file transfer possibilities with or without additional information concerning the file to be transmitted".

- 2) Add the following normative reference to Clause 2 (Normative references):

[9] CCITT Recommendation F.184 (1992): "Operational provisions for international facsimile service between subscriber stations with group 4 machines (telex 4)".

- 3) Replace subclause 3.1 (Basic Transfer Mode) with the following text:

"3.1 Basic Transfer Mode

It provides the user of a telematic equipment (Teletex or facsimile Group 4 apparatus) with a means to exchange files of any kind (binary files, word-processor native format documents, bitmaps, ...) without additional information."

- 4) Amend the second, and last, sentence of subclause 3.2 (Document Transfer Mode) to read:

"In the Teletex and Group 4 facsimile environment the DTM is merged to the BTM feature."

- 5) Amend bullet points a) and b) of subclause 5.2 (Protocol aspects) to read as follows:

"a) The telematic file transfer for Teletex and Group 4 facsimile equipments is based on the CCITT Recommendation T.62 session.

"b) Teletex or Group 4 facsimile equipments may negotiate one or more of the features mentioned above. The mechanism used is the same as the one used for the private mode negotiation (i.e. CDCL [Command Document Capability List] or RDCLP [Response Document Capability List Positive])."

- 6) Amend the first sentence of subclause 9.1.1 (Parameters used in CDCL/RDCLP) to read:

"The parameters described below (figure 1) allow the negotiation of the capabilities between Teletex and/or facsimile Group 4 equipments."

History

Document history	
February 1994	First Edition
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