

**Recommendation T/TE 07-03 (Edinburgh 1988)****INTERCHANGE OF TELETEX DOCUMENTS**

Recommendation proposed by the Working Group T/WG 10 "Terminal Equipment" (TE)

*Text of the Recommendation adopted by the "Telecommunications" Commission:*

"The European Conference of Posts and Telecommunications Administrations,

*considering*

- the work undertaken within CEPT with the view to harmonise international telecommunication,
- that TELETEX services are implemented in a number of countries,
- that CCITT Recommendations T.60, T.61, T.62 and T.70 describe the technical requirements for terminal equipment,
- that CEPT SWG TE 2 has studied the harmonisation of TELETEX terminals under study point TC1,

*recommends*

to the member Administrations of the CEPT to apply the specifications contained in the following pages for the interchange of Teletex documents."

## 0. INTRODUCTION

The concept and structure of Functional Standards for Information Systems Interconnection are laid down in the CEN/CENELEC/CEPT Memorandum M-IT-01. The purpose of a Functional Standard is to recommend when and how certain information technology standards should be used. This Functional Standard specifies the exchange of Teletex documents between two end systems, which may be Teletex terminals, as defined in the CEN/CENELEC/CEPT Memorandum M-IT-02.

## 1. SCOPE AND FIELD OF APPLICATION

This Functional Standard is intended to be used with and identified within functional standards that specify the control procedures, the character repertoire and its coding scheme, and the functionality at application level for devices used for the exchange of Teletex documents.

## 2. REFERENCES

### 2.1. Reference Standards

|                                       |  |
|---------------------------------------|--|
| CCITT Recommendation T.60:            | <i>Terminal equipment for use in the Teletex service</i> (1988)  |
| CCITT Recommendation T.61:            | <i>Character repertoire and coded character sets for the international Teletex service</i> (1988)                              |
| CCITT Recommendation T.62:            | <i>Control procedures for Teletex and Group 4 Facsimile Services</i> (1988)  |
| CCITT Recommendation T.63:            | <i>Provisions for verification of Teletex terminal compliance</i> (1988)   |
| CCITT Recommendation T.64:            | <i>Recommendation of Test Procedures for Teletex</i> (1988)  |
| CCITT Recommendation T.65:            | <i>Applicability of telematic protocols and terminal characteristics to computerized communication terminals (CCTs)</i> (1988) |
| CEPT Recommendation T/TE 07-01 bis E: | <i>Specification of Teletex terminal equipment</i> (1988)  |
| CEPT Recommendation T/TE 07-02 E:     | <i>Test procedures for testing Teletex communication protocol and terminal aspects</i> (1988)                                  |

### 2.2 Additional References

|                |   |
|----------------|---|
| M-IT-01        | <i>CEN/CENELEC/CEPT Memorandum on the Concept and Structure of Functional Standards for Information Technology</i> (March 1986) |
| M-IT-02        | <i>CEN/CENELEC/CEPT Memorandum on Directory of Functional Standards</i> (March 1987)  |
| ENV 41502      | <i>Graphic Character Repertoire and Coding for Interworking with CEPT Teletex Services</i> (March 1987)                         |
| ENV (FS C/11x) | <i>Basic Teletex Service</i> (1988)   |

## 3. DEFINITIONS

The terms used in this Functional Standard are defined in the Reference Standards.

## 4. ABBREVIATIONS

The abbreviations used in this Functional Standard are defined in the Reference Standards.

## 5. SCENARIO DESCRIPTION

Exchange of Teletex documents between two end systems, which may be Teletex terminals.

*Note.* This Functional Standard does not make recommendations in relation to the local functionality of a Teletex terminal as specified in CCITT Recommendation T.60, but only in relation to the function of exchange of documents and interworking between these terminals.

Implementations of systems interworking with Teletex terminals can also be achieved on the basis of CCITT Recommendation X. 215/X. 225 or ISO DIS 8326/7 in compatibility with CCITT Recommendation T.62, as specified in CCITT Recommendation T.62*bis*.

The overall operation of the Teletex Service is defined in CCITT Recommendation F.200.

See Functional Standards C/11x for the use of this Functional Standard A/221 in combination with the relevant T/- Functional Standards in the context of the Teletex Service.

Systems supporting this Functional Standard A/221 may also interchange Teletex Documents using any T/- Functional Standard which offers the Connection Oriented Transport Service.

6. **CONFORMANCE REQUIREMENTS**

The exchange of Teletex documents between two end systems is in conformity with this Functional Standard, if the end systems fulfills the provisions laid down in CCITT Recommendations T.63 and T.64 and CEPT Recommendation T/TE 07-02.

7. **SESSION LAYER DESCRIPTION**

The implementation of the session layer shall be fully in line with the provisions laid down and described in CCITT Recommendation T. 62 together with CEPT Recommendation T/A 07-01 *bis* E.

8. **PRESENTATION LAYER DESCRIPTION**

The implementation of the presentation layer shall be fully in line with the provisions laid down and described in CCITT Recommendation T.61 together with CEPT Recommendation T/A 07-01 *bis* E.

*Note.* See also ENV 41 502 for further information on character repertoire and its coding in relation to ISO standards.

9. **APPLICATION LAYER DESCRIPTION**

The implementation of the application layer for terminals wishing to exchange Teletex documents (but not participating in the Teletex service) shall be fully in line with CCITT Recommendation T.60 together with CEPT Recommendation T/A 07-01 *bis* E except for the following:

- a) may or may not support full automatic operation;
- b) may or may not be capable of interworking with telex;
- c) may use fall-back representation for presenting the Basic Teletex Character Repertoire;
- d) may make use of a different terminal identification than defined for the basic Teletex service.