AMENDMENT

ETS 300 248

pr A1

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This draft amendment A1, if approved, will modify the European Telecommunication Standard ETS 300 248 (1993)

Business TeleCommunications (BTC); Open Network Provision (ONP) technical requirements; 2 048 kbit/s digital unstructured leased line (D2048U) Terminal equipment interface

ETSI

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Foreword

This draft amendment to ETS 300 248 (1993) has been produced by the Business TeleCommunications (BTC) Technical Committee of the European Telecommunications Standards Institute (ETSI), and is now submitted for the Unified Approval Procedure phase of the ETSI standards approval procedure.

This amendment changes ETS 300 248 (1993) as described below:

The connector type specified, conforming to ISO/IEC 10173 (1991), cannot be manufactured. Since a standardized connector is not available, the terminal equipment is required to provide either a point for connection of solid conductors, or solid conductors themselves. In order to allow connection to be made using other methods, the TE is permitted to be supplied with other connection schemes (e.g. connectors).

Proposed transposition dates	
Date of latest announcement of this ETS (doa):	3 months after ETSI publication
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	6 months after doa
Date of withdrawal of any conflicting National Standard (dow):	6 months after doa

Amendments

Page 7, amendment to clause 2

Delete reference [6].

Page 9, amendment to subclause 5.1

Replace subclause 5.1 with subclauses 5.1, 5.1.1 and 5.1.2 as given below:

"5.1 Physical characteristics

Currently no standardized connector is readily available. Consequently, the only method of connection that can be specified in this ETS is the use of solid conductors of 0,4 to 0,6 mm. This ETS requires the TE to be capable of presenting either a point for the attachment of unterminated solid conductors, or solid conductors themselves (see subclause 5.1.1). It is a requirement that such a connection method be available to be provided for use with the TE if necessary.

In order to allow connection to be made using other methods (e.g. connectors), the TE is permitted to be supplied with a connection method suitable for use with those methods (see subclause 5.1.2).

NOTE 1: The following are examples of arrangements that comply with the requirements. The list below should not be regarded as an exhaustive list of all permitted arrangements:

a) a cord, permanently connected to the terminal equipment at one end and unterminated at the other end, with wires that are solid conductors with diameters in the range 0,4 to 0,6 mm;

b) a cord, connected via a plug and socket to the terminal equipment at one end and unterminated at the other end, with wires that are solid conductors with diameters in the range 0,4 to 0,6 mm;

c) an insulation displacement connector, designed to accept wires with solid conductors with diameters in the range 0,4 to 0,6 mm, but with no cord;

d) a screw connector, designed to accept wires with solid conductors with diameters in the range 0,4 to 0,6 mm, but with no cord;

e) the arrangement in b) plus one or more additional alternative cords with the same plug or socket arrangement at the terminal end and any plug or socket at the other end;

f) the arrangement in c) or d) plus one or more cords suitable for connection to the terminal equipment at one end and any plug or socket at the other end.

The transmit pair is the output from the terminal equipment interface. The receive pair is the input to the terminal equipment interface, as shown in figure 1. Where the terms "output" and "input" are used without qualification in this ETS, they refer to the terminal equipment interface.

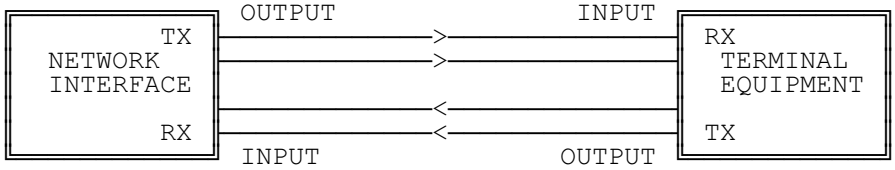

Figure 1

NOTE 2: The use of a shielded cord or cable may be necessary to meet radiation and immunity requirements defined in Electro-Magnetic Compatibility (EMC) standards.

5.1.1 Hardwired connection

Requirement: The terminal equipment shall provide:

a) a set of connection contacts (e.g. an insulation displacement connector or a screw terminal block) to which solid wire conductors with diameters in the range 0,4 to 0,6 mm may be connected; or

b) a wiring arrangement connected by any means to the terminal equipment, with unterminated solid wire conductors with diameters in the range 0,4 to 0,6 mm at the end distant from the terminal equipment.

Test: There is no test. All subsequent tests are carried out via the specified connection method.

5.1.2 Alternative means of connection

Any alternative means of connection may be provided in addition to the connection arrangements under subclause 5.1.1.

NOTE: Where a wiring arrangement is provided under subclause 5.1.1 item b), such a wiring arrangement need not be supplied where a means of connection which is the subject of this subclause is to be used."

Page 17, amendment to subclause A.1.2, first paragraph

Delete the first sentence:

"The tests shall normally be applied at the plug for connection to the NTP."

and replace with:

"The tests in this ETS shall be carried out using the connection method suitable for use with unterminated solid conductors as defined in subclause 5.1.1".

Page 17, amendment to subclause A.1.2, note

Delete "the normal plug and cord" and replace with "additional wiring".

Delete "5.1" and replace with "5.1.2".

Page 22, amendment to subclause A.2.6, figure A.6, note

Replace the note with:

"NOTE: This point is connected to the terminal equipment common reference point or to the equipment test reference point."

History

Document history			
June 1995	Unified Approval Procedure	UAP 30:	1995-06-05 to 1995-09-29
December 1995	Converted into Adobe Acrobat Portable Document Format (PDF)		
Note :	The references to the changed pages in the standard refer to an old presentation. See history box at the end of the standard itself. The new presentation format applied from 1 December 1995 might have different page numbering. The clause numbering has not changed.		