



AMENDMENT

ETS 300 288

A1

November 1995

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ICS: 33.120

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**This amendment A1 modifies
the European Telecommunication Standard ETS 300 288 (1994)**

**Business TeleCommunications (BTC);
64 kbit/s digital unrestricted leased line
with octet integrity (D64U);
Network interface presentation**

ETSI

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Foreword

This amendment to ETS 300 288 (1994) has been produced by the Business TeleCommunications (BTC) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This amendment changes ETS 300 288 (1994) as described below:

The connector type specified, conforming to ISO/IEC 10173 (1991), cannot be manufactured. Since a standardized connector is not available, the leased line is required to provide an interface suitable for hardwired connection. However, an alternative means of connection, using a socket, may be provided.

Transposition dates	
Date of adoption of this amendment:	31 October 1995
Date of latest announcement of this amendment (doa):	31 January 1996
Date of latest publication or endorsement of this amendment (dop/e):	31 July 1996
Date of withdrawal of any conflicting National Standard (dow):	31 July 1996

Amendments

Page 7, amendment to clause 2

Delete reference [7].

Page 9, amendment to subclause 5.1

Replace subclause 5.1 and its subclauses with subclauses 5.1, 5.1.1, 5.1.2 and 5.1.3 as given below:

"5.1 Physical characteristics

The connection arrangements provided by the leased line interface shall be suitable for hardwired connection (see subclause 5.1.1). However, with the agreement of the user, an alternative means of connection, using a socket, may be provided (see subclause 5.1.2).

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

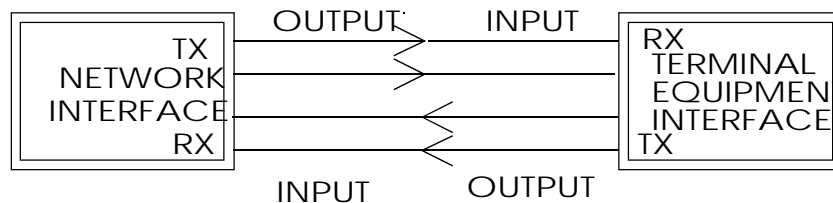


Figure 1

The use on the terminal equipment side of the interface of shielded cables may be necessary to meet radiation and immunity requirements defined in Electro-Magnetic Compatibility (EMC) standards. Therefore the NTP is required to provide a point for connection of the shield (see subclause 5.1.3).

5.1.1 Hardwired connection

Requirement: Where the leased line is being presented as a hardwired connection, the leased line interface shall provide a means of terminating wire with solid conductors having diameters in the range 0,4 to 0,6 mm. The leased line provider shall provide information on the configuration of the means of connection.

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

5.1.2 Socket specification

There is no constraint on the type of socket that may be used under this ETS.

5.1.3 Shield connection point

Requirement: The NTP shall provide a point, or points, to which the shield, or shields, of the cable on the terminal side of the interface can be connected.

NOTE: The purpose of these points is to provide a path from the shield to a common reference. The common reference point does not necessarily have to be earthed.

Test: There shall be a visual inspection that a point, or points, for connection of the shield, or shields, is provided."

Page 12, amendment to subclause 5.2.1.6

Delete:

"Where a shield reference point is provided, ground shall be pins 3 and 6 on the connecting socket or the equivalent reference point on a hardwired connection. Where a shield reference point is not provided, the leased line provider shall declare the point to be used for testing."

and replace with:

"Ground (in this context) shall be the shield connection point defined in subclause 5.1.3."

Page 12, amendment to subclause 5.2.1.7

Delete:

"Where a shield reference point is provided, ground shall be pins 3 and 6 on the connecting socket or the equivalent reference point on a hardwired connection. Where a shield reference point is not provided, the leased line provider shall declare the point to be used for testing."

and replace with:

"Ground (in this context) shall be the shield connection point defined in subclause 5.1.3."

Page 14, amendment to subclause 5.2.2.6

Delete:

"Where a shield reference point is provided, ground shall be pins 3 and 6 on the connecting socket or the equivalent reference point on a hardwired connection. Where a shield reference point is not provided, the leased line provider shall declare the point to be used for testing."

and replace with:

"Ground (in this context) shall be the shield connection point defined in subclause 5.1.3."

Page 14, amendment to subclause 5.2.2.7

Delete:

"Where a shield reference point is provided, ground shall be pins 3 and 6 on the connecting socket or the equivalent reference point on a hardwired connection. Where a shield reference point is not provided, the leased line provider shall declare the point to be used for testing."

and replace with:

"Ground (in this context) shall be the shield connection point defined in subclause 5.1.3."

Page 15, amendment to subclause 5.3.2

Delete:

"shall be pins 3 and 6 on the connecting socket or the equivalent reference point with a hardwired connection."

and replace with:

"shall be the shield connection point defined in subclause 5.1.3."

Page 15, amendment to subclause 5.4

Delete:

"shall be pins 3 and 6 on the connecting socket or the equivalent reference point with a hardwired connection."

and replace with:

"shall be the shield connection point defined in subclause 5.1.3."

Page 17, amendment to subclause A.1.2

Replace the complete text of subclause A.1.2 with:

"Testing shall be performed at the point of connection in accordance with subclause 5.1, as this is the point at which compliance with this ETS is required."

Page 21, amendment to subclause A.2.6, figure A.6, note 2

Replace note 2 with:

"NOTE 2: Ground (in this context) shall be the shield connection point defined in subclause 5.1.3."

Page 22, amendment to subclause A.2.7, figure A.7, note 2

Replace note 2 with:

"NOTE 2: Ground (in this context) shall be the shield connection point defined in subclause 5.1.3."

History

Document history	
January 1994	First Edition
June 1995	Unified Approval Procedure UAP 30: 1995-06-05 to 1995-09-29
November 1995	Amendment 1 to 1st Edition