

JT-I411-a

Leased Line User-Network Interface-Demarcation Point and Interface Structures

1.Relations with international standards

JT-I411-a is applicable to user-network interfaces for leased line services.

This Standard is based on ITU-T recommendations I.411 and I.412 (Blue Book 1988 version).

2.Summary of departures from ITU-T recommendations

(1) D channel

D channel descriptions are deleted.

Also, descriptions related to layer 2 and layer 3 protocols, packet switching, and circuit switching are deleted.

< Reasoning >:

The D channel is not necessary for leased line user-network interfaces at present.

(2) H12 channel

H12 channel and interface structures of 2048 kbit/s descriptions are not included.

< Reasoning >:

There is no need for standardization at present.

(3) User-network demarcation point

The user-network demarcation point is specified.

< Reasoning >:

In ITU-T Recommendation I.411, reference points T and S are said to be the ISDN user-network reference points.

JT-1411-a clearly indicates the demarcation point between users and networks.

For this demarcation point, reference point T is adopted.

Because of this demarcation point, the network should be responsible for installation, maintenance, and replacement of NT1. The user can freely introduce different configurations of terminal arrangements.

JT-I411-a refers specifications of a digital transmission system at the network side of the NT1 to TTC standards JT-G960 and JT-G961.

(4) Interface structures

6312 kbit/s secondary rate interface structures are added.

< Reasoning >:

6312 kbit/s secondary rate interface is necessary for leased line applications.

3. History of revision

Version	History of Revision Dates	Remarks
Version 1	1988.11	Established
Version 2	1990.11	Revised

4.Other

Channel types and interface structures that are not specified in this Standard are issues for further study.