

JT-I431-c

Digital Interface between PBX and TDM (common channel signalling)

-Primary-rate layer 1 specification-

1.Relations with international standards

This standard describes the Layer 1 specification of the primary-rate interface to be applied to the PBX-to-PBX digital interface (common channel signaling). This standard is based on the third edition of JT-I431 (ISDN primary-rate user- network interface layer 1 specification) established in April 1989.

2.Summary of departures from international standards

The basic difference between JT-I431-c and JT-I431 depends on the D-channel. That is, this standard has been defined for the application of the PBX-to-PBX digital interface (common channel signaling), and specifies the Dp-channel as a control channel for the PBX-to-PBX interface instead of the D-channel for the user-network interface.

The contents of addition/modification to JT-I431 are indicated below.

(1) Deletion of D-channel specification and addition of Dp-channel specification

In the following sections of JT-I431, the D-channel specification is deleted and the Dp-channel specification is added.

- 3.1 summary of functions
- 7.1 D-channel
- Other related sections

(2) Deletion of primitives from the high layer

The specification relating to the primitives between layer 1 and layer 2 has been deleted. This is because the Dp-channel is not terminated at the TDM side of this interface.

Related section (JT-I431)

- 3.4.6 State transition Table

(Note) For all the parts in this standard, "JT-I431" means the third edition of the TTC standard JT-I431 (April 1989).