

# JT-G811      **Timing Conditions on a Digital network**

## **1. Relations with international standards**

Even though this Standard corresponds to ITU-T Recommendation G.811(1997) and G.812(1998), it differs greatly and essentially independent of that Recommendation.

## **2. Summary of departures from ITU-T Recommendations**

### **2.1 Optional items**

None

### **2.2 National issues**

In this Standard, the following items are added to the Recommendation:

- (a) Synchronization network and its structure
- (b) Timing requirement at nodes
- (c) Reference point for timing requirements

The above items are added because a synchronization network has been developed for Japanese domestic telecommunications.

### **2.3 Others**

In this Standard, the following items are deleted from the above ITU-T Recommendation:

- (a) Items related to a primary reference clock
- (b) Items related to a node clocks

These items, although relevant to an international digital link, are not utilized for connection among Japanese domestic systems.

## **3. The history of revised versions**

Versions	Date	Outline
1	April 28, 1987	Established.
2	April 28, 1989	Revised according to proceeding of ITU-T.
2.1	February 7, 1991	Revised for the modified to the information section.
3	April 24, 1996	Revised, accompanied by the addition of the description about the timing source and the appendix A.
4	April 20, 2000	Revised, accompanied by the addition of the description about the timing source and the modified to the appendix A.