

## **JT-G775**

### **Loss of signal(LOS) and alarm indication signal (AIS) defect detection and clearance criteria**

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

This standard conforms to ITU-T Recommendation G.775(1993).

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

(1) In this standard, the following items are deleted from ITU-T Recommendation G.775.

- (a) Criteria for detection and clearance of a LOS defect at 64kbit/s, 2048kbit/s, 8448kbit/s, 34368kbit/s, 44736kbit/s interfaces
- (b) Criteria for detection and clearance of an AIS defect at 64kbit/s, 2048kbit/s, 6312kbit/s(G.747), 8448kbit/s, 34368kbit/s, 139264kbit/s, 44736kbit/s interfaces

These parts are dispensable because these interfaces are not used for inter-network interfaces in Japan.

(2) In this standard, the following TTC standards which specify criteria for detection and clearance of an AIS defect are added as references.

- (a) JT-G733 Characteristics of primary PCM multiplex equipment operating at 1544kbit/s
- (b) JT-G743 Second-order digital-multiplex equipment operating at 6312kbit/s using positive justification
- (c) JT-G746 Characteristics of second-order PCM multiplex equipment operating at 6312kbit/s