

Recommendations Under Responsibility of Q.9/15

1. Synchronous Digital Hierarchy Transport Networks

- G.781 : Synchronization Layer Functions
- G.783
Characteristics of Synchronous Digital Hierarchy (SDH) Equipment Functional Blocks
- G.828
Error performance parameters and objectives for international, constant bit-rate synchronous digital paths
- G.829 : Error performance events for SDH multiplex and regenerator sections

2. Optical Transport Network

- G.798
Characteristics of Optical Transport Network (OTN) Equipment Functional Blocks
- G.873.1 : OTN network protection architectures, linear ODUk SNC protection
- Draft G.873.2
OTN network protection architectures, ring ODUk protection
- G.8201
Error performance parameters and objectives for multi-operator international paths within the Optical Transport Network (OTN)

3. Generic Transport Equipment Functionality Requirements

- G.806
Characteristics of Transport Equipment - Description Techniques and Generic Functionality

4. Generic Protection Switching Mechanisms

a. Linear

- G.808.1 : Generic protection switching - Linear trail and sub-network protection

b. Ring

- Draft G.808.2 : Generic protection switching - Ring protection

5. PDH Error Performance Objectives

- G.821

Error performance of an international digital connection operating at a bit rate below the primary rate and forming part of an Integrated Services Digital Network

- G.826

End-to-end error performance parameters and objectives for international, constant bit-rate digital paths and connections

6. Generic Availability Objectives

- G.827

Availability performance parameters and objectives for end-to-end international constant bit-rate digital paths

7. Ethernet Transport Networks

- G.8021/Y.1341

Characteristics of Ethernet Transport Network Equipment Functional Blocks

- G.8031/Y.1342 : Ethernet (linear) protection switching

- G.8032 : Ethernet ring protection switching

- X.87/Y.1324 : Multiple Service Ring (MSR) based on RPR

8. MPLS-TP Transport Networks

- G.8121/Y.1381

Characteristics of multi protocol label switched (MPLS) equipment functional blocks

- G.8131 : MPLS-TP (linear) protection

- G.8132 : MPLS-TP ring protection switching

- Y.1720 : MPLS protection

9. ATM Transport Networks

I.630 : ATM protection switching

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