

THE VERIZON TELEPHONE COMPANIES

TARIFF F.C.C. NOs. 1 and 11

FEATURE ENHANCEMENTS TO
INTELLILIGHT® DEDICATED SONET RING

TARIFF F.C.C. NOs. 14 and 16

FEATURE ENHANCEMENTS TO
DEDICATED SONET RING

DESCRIPTION

TRANSMITTAL NO. 598

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DESCRIPTION

The Verizon Telephone Companies (Verizon) are submitting tariff pages to enhance the features and functionality of IntelliLight® Dedicated SONET Ring (IDSR) in its Tariff F.C.C. Nos. 1 and 11, and Dedicated SONET Ring (DSR) in its Tariff FCC Nos. 14 and 16.

IDSR and DSR provides a customer with a dedicated high capacity customized network in a ring architecture that assures survivability in capacities of OC3, OC12, OC48, or OC192. The network is comprised of Synchronous Optical NETwork (SONET) equipment (add/drop multiplexers or nodes) and facilities in a ring architecture or topology that assures survivability. Lower speed channels are provided between nodes using ports of designated speeds.

With this transmittal, Verizon is proposing the following:

- 1) Verizon will allow the capability to provision DS3 Trans-multiplexing (Transmux) Ports on OC12, OC48, and OC192 enhanced nodes for both Switched Access and Special Access IDSR, for FCC1 and FCC11.
- 2) Verizon will allow the capability to provision DS3 Trans-multiplexing (Transmux) Ports on OC3 enhanced nodes for both Switched Access and Special Access DSR and the capability to provision GigE1Ports at OC3 nodes for Special Access DSR, for FCC14 and FCC16.
- 3) Verizon will allow Special Access IDSR to be provisioned utilizing OC3 enhanced nodes in F.C.C. Nos. 1 and 11. Enhanced nodes provide the technology for advanced services such as Gigabit Ethernet and future enhanced services.
- 4) Typographical errors are corrected in the example provided to describe the calculation of termination liability.

5) OC192 Ring Types are added in Tariff F.C.C. No. 1 in order to illustrate the Shared Use reduction ratio for node and mileage charges in order to correct an earlier omission when the service was originally introduced.

The attached tariff pages provide a detailed description of the revisions proposed in this filing.