

THE VERIZON TELEPHONE COMPANIES

TARIFF FCC NO. 1

**REVISIONS TO
IntelliLight® Broadband Transport Multiplexing Option**

DESCRIPTION

TRANSMITTAL NO. 414

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INTRODUCTION

The Verizon Telephone Companies are submitting tariff pages to enhance the IntelliLight Broadband Transport (IBT) Service multiplexing option by adding the capability to interconnect with existing IntelliLight products (i.e., IntelliLight Dedicated SONET Ring (IDSR) and IntelliLight Entrance Facilities (IEF)) and to introduce rearrangement charges for certain IBT service rearrangements. Customers will have the ability to rearrange the configuration of their multiplexing node and rearrange an IBT service that is terminated with a 2-fiber interface into an IBT service that is terminated with a 4-fiber interface or vice versa.

SERVICE DESCRIPTION

IBT provides high speed, synchronous optical fiber-based, full duplex data transmission capabilities. The service is provisioned over Verizon's shared SONET network and provides customers with Switched or Special Access point-to-point SONET based broadband access transport. IBT is provided between customer designated premises and/or Collocated Interconnection arrangements or between other Verizon SONET services as described in the tariff. The service is offered as a basic service (2-fiber interface) or with a 4-fiber interface on a 1+1 protected basis. IBT can also be used as a facility over which switched and special access services of a lesser capacity can be provided. The multiplexing option requires the placement of an IBT multiplexing node

Verizon
Transmittal No. 414

from which the lesser capacity services are dropped. The IBT multiplexing node may be located in a Verizon terminus, intermediate or super-intermediate hub or at a customer's designated premises. A terminus hub is a wire center in which the IBT facility can be multiplexed to individual channels to serve only customers in that particular wire center. An intermediate hub or super-intermediate hub is a wire center in which the IBT facility can be multiplexed to individual channels for termination within that wire center and at one or more wire centers subtending that hub. When located at a customer's designated premises, all lesser capacity services dropped from that node must terminate at the same customer designated premises.

IBT provided with the multiplexing option will now include the capability to connect to IEF and IDSR. This capability was previously restricted. In addition, customers will be permitted change orders for drop port configurations on IBT provided with the multiplexing option. Customers will also be permitted change orders between 2-fiber and 4-fiber interface ports. New nonrecurring charges are being introduced to cover the costs associated with implementing these change orders.

The IBT multiplexing optional feature and the service rearrangement regulations and charges are further described in the attached tariff pages.