

**THE VERIZON TELEPHONE COMPANIES**

**TARIFF FCC NO. 1**

**PRICE FLEX CONTRACT TARIFF OPTION 13**

**DESCRIPTION**

**Transmittal No. 450**

**MAY 25, 2004**

## Introduction

The Verizon Telephone Companies are submitting tariff pages to introduce Contract Tariff Option 13 (“Option 13”) in Tariff F.C.C. No. 1. This offering is exclusively for agencies and branches of the Federal Government (“customer”) who subscribe to three new OC192 IntelliLight<sup>®</sup> Dedicated SONET Ring (“IDSR”) and one new IntelliLight<sup>®</sup> Optical Transport Service (“IOTS”) within either the Washington DC-MD-VA-WV Metropolitan Statistical Area (“MSA”) or the Harrisburg-Lebanon-Carlisle PA MSA or a both. Customers must subscribe to this Option 13 during the period that begins with the effective date of this tariff and ends thirty days later (i.e., the subscription period). The term for which service is provided under this Option 13 is five years. This contract tariff option is filed pursuant to Verizon receiving Pricing Flexibility relief for Special Access Services in qualifying MSAs<sup>1</sup>.

## **DESCRIPTION**

Contract Tariff Option 13 is specifically designed for Federal Government agencies and branches who subscribe to new IDSR and IOTS Special Access Service during the subscription period and in the quantities listed above.

IDSR provides a customer with a dedicated high capacity customized network in capacities up to an Optical Carrier Rate (“OC”) of 192 (“OC192”). The network is comprised of SONET add/drop multiplexing equipment (nodes) and facilities configured in a ring architecture or topology that assures survivability. Lower speed channels are added to, or dropped from, the nodes using ports of designated speeds. With this contract option, discounted monthly rates will apply for node, ring mileage and ports in accordance with the terms and conditions specified in the attached tariff pages.

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<sup>1</sup> Memorandum Opinion and Order, In the Matter of Verizon Petitions for Pricing Flexibility for Special Access and Dedicated Transport Services, CCB/CPD Nos. 00-24, 00-28 (DA 01-663) released March 14, 2001, CCB/CPD File No. 01-27 (DA 02-706) released March 22, 2002, and WCB/Pricing No. 02-33 (DA 03-1024) released March 31, 2003.

IOTS provides a customer with managed optical transport of multiple protocols that are transmitted over a single fiber optic pair. The service is configured in a ring architecture allowing for point-to-point optical services of varying wavelengths to be multiplexed on to or off of the ring. The ring architecture is comprised of dense wave division multiplexing devices (DWDM nodes or amplifiers) connected with fiber optic facilities. A 16-channel node supports 16 protected channels or 32 unprotected channels. With a protected channel, the same signal is duplicated and sent over separate diverse routes (a working route and a protect route) within the IOTS network. The capacity of a node may be may be increased by adding an expansion node.

With IOTS, the wavelengths are arranged in a channelized format such that the protocol transmitted over each channel is independent of every other channel on the ring. The protocols that may be transmitted over IOTS include Synchronous Optical NETwork (SONET channels at capacities of OC3, OC12 or OC48), Enterprise Service CONnection (ESCON channels at 200 Mbps), Fiber CONnection (FICON channels at 1Gbps), Fiber Channel at 133Mbps, 266Mbps, 531Mbps and 1.0625 Gbps. External Timing Reference/Control Link Oscillator (ETR/CLO signals at 8 Mbps), Fiber Distributed Data interface (FDDI channels at 100 Mbps), Fast Ethernet at 100 Mbps, Gigabit Ethernet at 1.0 Gbps and DI Video at 270 Mbps. With this contract option, discounted monthly rates will apply for nodes, network optimization, ring mileage and certain optical transport channels in accordance with the terms and conditions specified in the attached tariff pages.

The attached tariff pages provide a complete description of the terms and conditions and rates and charges that apply under this new contract tariff option.