Verizon
600 Hidden Ridge
Irving, TX 75038-3897

Short Term Public Notice of Network Change Under Rule 51.333(a)

Verizon Internet Protocol Services

Packet Over SONET (POS) Interfaces

Update to Previous Disclosures

March 29, 2005

Type of Change:

Verizon has previously disclosed transport interfaces via Packet Over SONET (POS) at bandwidths of OC-12c, OC-48c, and OC-192c. This disclosure identifies additional technical references that will apply. As previously disclosed, the POS interface provides a Multi-Protocol Label Switching (MPLS) transport function via the use of Transport Control Protocol/Internet Protocol (TCP/IP) with Intermediate System-to-Intermediate System (IS-IS) and iBGP routing, with MPLS- related signaling that is provided through the Label Distribution Protocol (LDP) and/or Resource Reservation Protocol (RSVP). This update adds additional information that may be used for the termination of an IP-VPN Virtual Circuit (i-VC) in a carrier domain. The following are applicable bandwidth parameters.

The OC-12c Packet Over SONET line rate is 622.08 Mbps. The OC-12c POS line is supported via a pair of single-mode fibers between the two networks. The optical fiber interface shall be the Ultra SC.

The OC-48c Packet Over SONET line rate is 2488.32 Mbps. The OC-48c POS line is supported via a pair of single-mode fibers between the two networks. The optical fiber interface shall be the Ultra SC.

The OC-192c Packet Over SONET line rate is 9953 Mbps. The OC-192c POS line is supported via a pair of single-mode fibers between two networks. The optical fiber interface shall be the Ultra SC.

Technical References:

The following BGP / MPLS IP-VPN technical references and subsequent versions shall apply.

- draft-ietf-l3vpn RFC 2547 bis-03.txt (excluding Sections 10 and 11)

- RFC 2918, *Route Refresh Capability for BGP4*

- draft-ietf-idr-route-filter-10.txt, *Cooperative Route Filtering Capability for BGP4*

  IETF documents may be obtained as follows.
  http://ietf.org/home.html
  (212) 642-4900

Date changes are to occur:

Verizon plans to offer the changes described for the services described in this disclosure in April, 2005. To confirm date and availability at your location, contact the Product Manager listed below.

Location changes are to occur:

These interfaces will be offered in locations across the Verizon footprint where suitable facilities are available. To confirm availability at your location, contact the Product Manager listed below.

Reasonable foreseeable impact of change:

The foreseeable impact of this change essentially provides additional information that may be used for the termination of an IP-VPN Virtual Circuit (i-VC) in a carrier domain via POS OC-12c, OC-48c or OC-192c interfaces. Carriers must meet these interface requirements in order to take advantage of this service. All other existing interfaces will remain available.

Verizon Contact:

For specific information regarding geographic availability, pricing and additional technical information contact:

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