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

VoIP VPN Service

February 9, 2005

Type of Change:
VoIP VPN will allow an end user’s PBX to utilize their existing Virtual Private Network (VPN) to transport voice traffic over an Internet protocol (IP) connection to other locations on the VPN, or to deliver that traffic to the public switched telephone network (PSTN). The service will utilize H.323 protocols for Signaling and RTP (Real Time Protocols) for Bearer traffic. To provide VoIP VPN service, Verizon will utilize a Softswitch to provide Media Gateway Controller functionality.

The underlying transport for this service will be offered using services such as ATM, Transparent LAN Service, and Virtual Private Network from the Verizon central office to the customer premises. The descriptions of these services are available in the existing tariffs.

Technical References:
The following technical references and subsequent versions shall apply as protocols between the Verizon network and the customer premises equipment (CPE).

International Telecommunications Union (ITU):
H225.0v4 Call signaling protocols and media stream packetization for packet-based multimedia communication systems, November 2000.
H.245v7 Control protocol for multimedia communication, November 2000.

IP/MPLS - RTP

To obtain RFC 3550 or other Internet Engineering Task Force (IETF) documents visit the following website:
http://ietf.org/home.html
For International Telecommunications Union (ITU), Contact:
Place des Nations
CH-1211 Geneva 20
Switzerland
Telephone: +44 22 730 6141
Fax: +41 22 730 5194
Email: sales@itu.int

Online Order:

Date Changes are to Occur:
Verizon plans to offer the VoIP VPN service beginning on June 6, 2005.

Location Changes are to Occur:
The services described in this disclosure will be available throughout the Verizon region where suitable facilities and capacities are available.

Reasonable Foreseeable Impact of Change:
CPE vendors who are interested in providing CPE for this service will need to meet the interface requirements.

Verizon Contact:
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