

Verizon New York Inc.

Section 4
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DESCRIPTION OF ADVANCED DATA SERVICES (Continued)

4.3 ASYNCHRONOUS TRANSFER MODE CELL RELAY SERVICE (ATM CRS)]

4.3.1 General

This section contains definitions, regulations and charges applicable to the provision of Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) furnished by the Company within the State of New York, where conditions and facilities permit.

4.3.2 Definitions of Terms and Abbreviations

Best Effort Service — A term for Quality of Service (QoS) class with no specified parameters and with no assurances that the traffic will be delivered across the network to the target device.

Cell — A unit of transmission in Asynchronous Transfer Mode (ATM). A cell is a fixed-size packet consisting of a 48-octet payload and 5 octets of control overhead in the form of a header.

Cell Delay Variation Tolerance (CDVT) — The amount of variation permitted for early arrival of clusters of cells at the source UNI. Cells exceeding the tolerance will be declared non-conforming and will be discarded. (N)

Constant Bit Rate (CBR) — One of four ATM Qualities of Service (QoS) supported by Verizon. CBR is a steady flow of user information required to support applications where variable delays in transmission would negatively impact the information content. Examples of applications requiring CBR are voice, and some types of video.

Hub — A Company designated serving wire center that is equipped to provide service.

Maximum Burst Size (MBS) — The maximum number of cells that can be passed to the service provider's network in a single burst at a rate that exceeds the Sustained Cell Rate (SCR), but does not exceed the Peak Cell Rate (PCR) assigned to the Variable Bit Rate (VBR) connection. Cells exceeding the MBS will be declared as nonconforming and will be discarded.

Peak Cell Rate (PCR) — The highest available rate of information transfer on a VBR connection, and the continuous cell rate allowed for CBR. Cells exceeding the sustained cell rate and below the peak cell rate will be limited to a maximum burst size.

Sustained Cell Rate (SCR) — The maximum rate at which VBR cells may be constantly transmitted with a high assurance that no cells will be lost. Cells transmitted within the SCR have the highest priority of the VBR traffic and will not be tagged as eligible for discard.

Synchronous Optical Network (SONET) — A standards based fiber optic communication network that transports both asynchronous and synchronous digital signals using the Synchronous Transport Signal (STS) format. As defined in this service offering, ATM SONET UNI connections are provisioned as a survivable service with an alternate (not diverse) route.]

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