ADVANCED DATA SERVICES

DESCRIPTION OF ADVANCED DATA SERVICES (Continued)

4.3   ASYNCHRONOUS TRANSFER MODE CELL RELAY SERVICE (ATM CRS) (Cont'd)
       (Effective February 15, 2013, Asynchronous Transfer Mode Cell Relay Service (ATM CRS)   (N)
       is no longer available to new customers. See Paragraph 4.3.0 preceding.)   (N)

       4.3.6   Regulations (Cont'd)
              A.   Provision Of Service (Cont'd)

                    5.   Two types of PVCs, Virtual Channel Connections (VCCs) and Virtual Path
                          Connections (VPCs) support the following Quality of Service (QoS)
                          Classes:

                          a.   Constant Bit Rate (CBR)
                          b.   Variable Bit Rate real time (VBRrt)
                          c.   Variable Bit Rate non-real time (VBRnrt)
                          d.   Unspecified Bit Rate (UBR)

              B.   Tier Structure for Local Serving Offices

                    Locations (wire centers) that provide ATM CRS have been designated as ATM
                    hubs. Each local serving office has been placed in Tier 1, 2 or 3, based on its
                    location relative to the closest ATM CRS hub. Tiered mileage is structured as
                    follows: Tier 1 is 0 to 5 miles, Tier 2 is over 5 to 25 miles, and Tier 3 is over 25 to
                    50 miles.

              C.   Service Functionality

                    The ATM CRS functionality consists of transporting 53-byte cells of information
                    from the Customer location to a Company ATM hub over a UNI. The traffic is
                    routed in the switch to another UNI, or other suitable network connection.

              D.   CLASS OF SERVICE PARAMETERS

                    The ATM CRS customer selects certain QoS classes with related parameters
                    designed to support the intended application and/or CPE.

                    1.   **Constant Bit Rate (CBR)** supports the following parameters:

                          a.   Peak/Sustained Cell Rate consists of customer specified increments of
                                64 Kbps up to the maximum speed of the UNI.

                          b.   Non-conforming cells are discarded.

                          c.   Cell Delay Variation Tolerance (CDVT) levels are as follows:

                                DS1 = 600 microseconds
                                DS3 = 600 microseconds
                                OC3c = 600 microseconds
                                OC12c = 600 microseconds