

TVC Albany Inc. dba FirstLight Fiber
PSC Tariff No. 2 – Telephone
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SECTION 13 – ISDN – PRIMARY RATE INTERFACE (PRI) SERVICE (cont'd)

13.1 General

- 13.1.1 Integrated Services Digital Network (ISDN) – Primary Rate Interface (PRI) is a central office-based service arrangement that is an alternative for individual access services, such as Direct Inward Dialing (DID), Direct Outward Dialing (DOD), Toll-free services, and local business trunks.
- 13.1.2 ISDN-PRI is provisioned on a clear channel 1.5444 Mbps facility and uses the ISDN architecture of 23 “B” channels and one “D” channel or 24 “B” channels to provide the customer with the capabilities of simultaneous access, transmission and switching of voice, data, and imaging services via channelized transport.
- 13.1.3 ISDN-PRI provides the capability to transport customer information in the form of circuit-switched voice or data up to 64 Kbps over any “B” channel. One “D” channel can control up to 20 PRI trunks. In these cases, a single “D” channel in one ISDN-PRI trunk handles all signaling and control functions of the other trunks in the arrangement, which allow supplemental trunks to consist of 24 “B” channels.

13.2 Regulations

- 13.2.1 ISDN-PRI service is available from serving central offices equipped with the necessary “clear channel” facilities to provide ISDN-PRI service. Feature availability and service capabilities are dependent on the facilities and the digital technology providing the service.
- 13.2.2 Customer Provided Equipment (CPE) must be NI-2 compliant. Any CPE that requires custom switch features not supported in the NI-2 specification may be supported as an exception and priced on an individual case basis. Custom ISDN features based in specific switch types may be provided on an individual case basis.
- 13.2.3 The service is available from central offices that have the necessary facilities to provide ISDN-PRI service and the customer’s serving wire center is ISDN-PRI capable.

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