
SECTION 15 – DIGITAL LINK PRIME PRI SERVICE

15.1 Digital Link Prime PRI Service

(Digital Link Prime PRI Service is only available to current Digital Link Prime PRI customers as of April 23, 1999.)

A) Description

Digital Link Prime PRI service is an optional service arrangement for local exchange access based on the Primary Rate Interface (PRI) arrangement of the Integrated Services Digital Network (ISDN). Digital Link Prime PRI is a high capacity access path for communications providing voice or 64K data transmission over the Company's exchange network.

B) Explanation of Terms

- 1) Circuit Switching - A switching technique in which an entire circuit or, in a digital switch equipped for ISDN, a specific selection of time slots is dedicated to a given call.
- 2) Digital Link Prime Primary Rate Interface (PRI) - Digital Link Prime PRI is an alternative for individual for local exchange access loop services such as Direct Inward Dialing (DID), Direct Outward Dialing (DOD), and business dial tone lines. It can also be used as loop transport for circuit switched data applications. Digital Link Prime PRI is provisioned on the 1.544 megabits per second (Mbps) bandwidth and uses ISDN architecture of 23 B or bearer channels and 1 D or data 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. In addition, Digital Link Prime PRI provides the Customer with the service capabilities and features described herein.
- 3) Integrated Services Digital Network - Integrated Services Digital Network (ISDN) describes the end-to-end digital telecommunications network architecture that provides for the simultaneous access, transmission, and switching of voice, data, and imaging services. These functions are provided via channelized transport facilities over a limited number of standard user-network interfaces. The ISDN architecture consists of digital switching systems that connect Primary Rate Interfaces lines to their serving central office.
- 4) Network Interfaces - ISDN Primary Rate Interface is comprised of a limited set of standard user-network interfaces. The PRI Customer Premises Equipment (CPE) located at the customer premises must be compatible with the network interface, which is a metallic four-wire telephone loop interface between a switch equipped with ISDN and the Network Termination (NT2). The NT2 is customer premises equipment required for providing physical compatibility in terminating telephone facilities at the customer premises.