

SECTION 18 – PRIMEPLEX PRI SERVICE

18.1 TCG PrimePlex PRI Service

A) Description

TCG PrimePlex 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). PrimePlex PRI is a high capacity access path for communications providing voice or data transmission over the Company's exchange network. A PrimePlex PRI facility may be provided as a stand-alone service or provisioned over an existing or new AT&T ACCU-Ring DS3 or Ultravailable Ring facility.

B) Explanation of Terms

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.

PrimePlex Primary Rate Interface (PRI)

PrimePlex PRI is an alternative for individual 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. PrimePlex 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. It can also be provisioned as 24 B channels when coupled with controlling D facilities on other PRI circuits and backup D facilities. PRI provides the Customer with the capabilities of simultaneous access, transmission, and switching of voice, data, and imaging services via channelized transport. In addition, PrimePlex PRI provides the Customer with the service capabilities and features described herein.

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 Interface lines to their serving central office.