

GENERAL EXCHANGE SERVICE

Optional Services and Features

- A. Integrated Services Digital Network – Primary Rate Interface (ISDN-PRI)
1. General
 - a. 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), 800/888 Services, Wide Area Telecommunications Services, and local business trunks.
 - b. ISDN-PRI is provisioned on a 1.544 megabit per second (Mbps) facility and uses the ISDN architecture of 23 “B” channels and one “D” channel to provide the customer with the capabilities of simultaneous access, transmission and switching of voice, data and imaging services via channelized transport. In addition, ISDN-PRI may be provided with fewer “B” channels on an individual case basis (ICB) depending on the special circumstances of the customer.
 - c. 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.
 - d. ISDN-PRI and other local services are offered on an end user basis only. Use of such services for transmitting interexchange traffic that does not either originate and terminate at the customer premises is prohibited.

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Optional Services and Features (Cont'd)

- A. Integrated Services Digital Network – Primary Rate Interface (ISDN-PRI)
(Continued)
2. Regulations
- a. ISDN-PRI service is only available from serving central offices equipped with the necessary facilities to provide ISDN-PRI service. Feature availability and service capabilities are dependent on the facilities and the digital technology providing the service.
 - b. Customer Provided Equipment (CPE) must be NI-2 compliant (meet the National Standard for PRI). Any CPE that requires custom switch features not supported in the NI-2 specification may be supported as an exception.
 - c. This Tariff provides for PRI switching capabilities only and additional services must be subscribed to under separate sections of this Tariff. Each ISDN-PRI facility is provided with one telephone number.
 - d. This tariff does not provide for the transmission of packet data on the “B” or “D” channels, but this service can be provided on an individual case basis.

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Optional Services and Features (Cont'd)

A. Integrated Services Digital Network – Primary Rate Interface (ISDN-PRI) (Cont'd)

3. ISDN-PRI Features

The following B-channel features are offered to the customer, at no additional charge.

- a. Call-by-Call Service Selection provides an option to the dedicated channel configuration by allowing channels to be configured to access multiple services on a per call basis. With this feature, separate facilities are not required for individual services, such as DID, DOD, WATS, 800/888 services, and local switched access lines.
- b. Clear Channel Capability allows the customer to transport 64 Kbps over the PRI channels with no constraint on the quantity or sequence of bits using the "Bipolar with Eight Zero Substitution" method of providing bit sequence independence.
- c. Fractional DS1 ISDN-Originating allows the customer to set up N x 64 Kbps calls from an ISDN-PRI in real-time and in the same manner as any circuit switched ISDN call.
- d. Fractional DS1 ISDN-Terminating allows the customer to receive N x 64 Kbps calls from an ISDN-PRI in real-time and in the same manner as any circuit switched ISDN call.

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Optional Services and Features (Cont'd)

A. Integrated Services Digital Network – Primary Rate Interface (ISDN-PRI) (Cont'd)

4. ISDN-PRI Rate Structure
 - a. ISDN-PRI Access
 1. Non-recurring charges for the initial database configuration work and installation of the ISDN-PRI Interface at the Customer Premises apply per each 1.544-Mbps facility provisioned.
 - b. Channel Activations
 1. Channel Activations will be provided at no charge during initial installment of ISDN-PRI access.
 - c. Channel Usage
 1. Voice/Data channel usage rates will apply on a per channel basis.
 - d. Subsequent Activity
 1. Non-recurring charges for database configuration work will apply for all subsequent activity related to changes in channel configuration or ISDN-PRI attributes. The database charges are applied per PRI.

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Optional Services and Features (Cont'd)

A. Integrated Services Digital Network – Primary Rate Interface (ISDN-PRI) (Cont'd)

5. ISDN-PRI Rates and Charges

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
a. Channel Activation and Usage, per		
B Channel	\$ 24.50	
D Channel	\$ 29.50	

b. Example 1. Standard ISDN-PRI service

23 B Channels x \$24.50 = \$563.50
1 D Channel x \$29.50 = \$29.50
\$593/month

Example 2. Elementary School ICB ISDN-PRI service.

12 B Channels x \$24.50 = \$294.00
1 D Channel x \$29.50 = \$29.50
\$323.50/month

c. ISDN-PRI also requires one T-1 line and any applicable port charges at the rates and terms described in the National Exchange Carrier Association (NECA) interstate tariff in which the Company concurs.

d. Installation and configuration change charges are applicable as described elsewhere in this tariff and/or the NECA tariff. Current installation and configuration change charges include 10 hours at the current labor rate, 2 trip charges at the current trip charge rate, and 1 service order fee at the current service order rate.

e. Caller ID Number is a feature described elsewhere in this tariff, and an additional Caller ID charge will apply per each trunk.