IP (INTERNET PROTOCOL) ROUTING SERVICE

A. DESCRIPTION

IP (Internet Protocol) Routing Service (IPRS) provides for the collection, concentration and management of the customers traffic within a LATA. IPRS consists of network routers located at LATA hub sites that will collect the customer's end user traffic and concentrate it for connection and transport over a fast packet network to a customer's designated location.

IPRS provides three types of ports for the collection of end user traffic. The port type(s) is/are determined by the method(s) chosen by the customer for access to its end user(s). The three port types are:

1. IPRS Combined Analog/ISDN Dial-up Port
2. IPRS ISDN Only Dial-up Port
3. IPRS DS-1/1.544 Mbps Port

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The two dial-up port types are intended for use with a single computer connection and are not for connection to a Local Area Network (LAN).

IPRS does not include the end user access service. End user services and facilities are available from this and other public telephone network tariffs.

IPRS requires the use of RADIUS (Remote Authentication Dial-In User Service), a network security protocol, for the customer's authentication and authorization of its dial-up end user(s). See B., following, for technical specifications.

Maintenance and upgrades for IPRS are performed during the hours of 11:00 p.m. and 8:00 a.m. At times, during the hours of maintenance activity, it will be necessary to place a customer's service in an inactive or out-of-service condition. The amount of time that this scheduled out-of-service condition will exist is called a "maintenance window." The Telephone Company will provide the customer notice prior to the maintenance window and will work cooperatively with the customer to minimize service disruption. Maintenance window activity could be scheduled for consecutive days.

B. REGULATIONS

Technical Specifications

IPRS is provided in compliance with standards established by the Internet Architecture Board, as stated in the following publications:

STD 0001, Internet Official Protocol Standards; J Postel, Editor, issued June, 1997.

RFC2138, Remote Authentication Dial-In User Service (RADIUS); C. Rigney, A. Reubens, W. Simpson, S. Wilens, issued April, 1997.

Terms and Conditions

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1. IPRS is a hubbed service. At least one wire center in each LATA is designated as an IPRS Hub. Customers' end users who use dedicated access must order their DS1 Special Access service to the customer's port in the IPRS LATA Hub.

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B. REGULATIONS (Cont'd)

Terms and Conditions (Cont'd)

2. IPRS is available on a month-to-month basis and for commitment periods of three years and five years. Combined Analog/ISDN Dial-up and ISDN Only Dial-up Port categories are only offered under a month-to-month service plan.

3. Month-to-month Service is subject to a minimum service period of 12 months.

4. IPRS is provided on a negotiated service date interval.

5. IPRS is monitored and maintained 24 hours-a-day, 7 days-a-week, for trouble isolation and resolution.

6. IPRS will be provided where technical capability exists.

C. RATE REGULATIONS

1. All rate categories are billed monthly.

2. Non-recurring charges apply for the installation of each port. Changes in port from one rate category to another incur the non-recurring charge.

   A conversion of service to a new commitment period of equal or greater length than the remainder of the existing term does not incur non-recurring charges for the existing port.

3. When the customer's commitment period ends, month-to-month rates apply, unless the customer agrees to a new commitment period.

4. Termination liability applies when a port is disconnected prior to the end of the selected commitment period. Liability is assessed as follows:

   Month-to-Month Term: The customer is responsible for 100% of the monthly rates for the entire commitment period.

   3 and 5-year Terms: The customer is responsible for 100% of the monthly rate for the first 12 months and 15% of the remaining monthly charges.

   Termination liability is waived if a port is converted to another term of equal or greater value in revenue than the remainder of the present term.

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C. RATE REGULATIONS (Cont'd)

4. (Cont'd)

Termination liability is waived when a customer replaces one port for another type and commits to a term of equal or greater value in revenue than the remainder of the current commitment. The replacement is subject to applicable non-recurring charges.

5. If the customer's Monthly Rate increases, the customer may discontinue service without liability.

6. IPRS ports must be purchased in increments of 23 ports, except where available as single port quantities.

D. RATE CATEGORIES

1. IPRS Combined Analog/ISDN Dial-up Port: Provides one data path connection in a local calling area of the Company designated by the customer for analog/ISDN dial-up access to the customer by the customer's end users, and the IP routing of the end user data to the customer.

2. IPRS ISDN Only Dial-up Port: Provides one data path connection in a local calling area of the Company designated by the customer for ISDN dial-up access to the customer by the customer's end users, and the IP routing of the end user data to the customer.

3. IPRS DS1/1.544 Mbps Port: Provides connection and IP routing of end user data terminated over dedicated private line facilities at a speed of 1.544 Mbps.

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E. RATES AND CHARGES [1]

Port Category	Product/Service Charge	Monthly Rate (Per Port)
1. Combined Analog/ISDN Dial-up Port		
Month-to-Month	$ 34.78	$ 59.00
2. ISDN Only Port		
Month-to-Month	34.78	59.00
3. DS-1/1.544 Mbps Port		
Month-to-Month	200.00	175.00
3-year Service Period Plan	200.00	165.00
5-year Service Period Plan	200.00	150.00
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Note: [1] Indicates restructured material including port category deletion and rate reductions.