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Private Line Transport
Services Catalog**

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State of South Dakota
Issued: 9-14-2000

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4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

4.2 PROVISION OF ACCESS SERVICE BILLING INFORMATION - BSE

A. Primary Access Service Billing Copy

1. The customer will receive its primary access service monthly bills and Customer Service Records (CSR's) in a standard paper format at no charge
2. At the option of the customer, primary access service monthly bills and CSRs may be requested on magnetic tape reel, in lieu of the standard paper format at no charge. When a customer selects a primary billing copy in lieu of the standard paper format, the customer will receive an abbreviated bill in paper format for remittance purposes at no charge. The abbreviated bill will conform with industry standard billing data output

B. Additional Access Service Billing Options

1. Nonchargeable Additional Options

a. Electronic Data Transmission

Billing detail and/or information may be transmitted to the customer premises by electronic data transmission, for no additional charge.

Upon acceptance by the Company of an order for electronic data transmission, the Company will determine the period of time to implement the transmission of such material on an individual order basis.

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4.2 PROVISION OF ACCESS SERVICE BILLING INFORMATION - BSE

B.1. (Cont'd)

b. On-line Billing Service

On-line Billing Service (OBS) provides a customer on-line access to view its designated Billing Account Number (BAN) media (i.e., monthly bills and/or CSRs) in the Company OBS data base via a customer-provided personal computer or terminal utilizing customer-provided communications software package capable of VT100 emulation.

Individual User Identification Number(s) and Personal Identification Number(s) are assigned by the Company and provide the customer a secure log on to view its billing media. Customers reach the OBS data base by dialing a telephone number for the OBS modem pool. In the event of a log on rejection, the Company system administrator must be contacted. The system administrator will provide customer assistance in resolving the log on failure.

BAN Media for the last eleven months is available for viewing. BAN media can be viewed between the hours of 6 a.m. to 6 p.m. Central Time, Monday through Friday, excluding holidays.

OBS is a nonchargeable additional access bill format and is not available as the primary bill format.

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4.2 PROVISION OF ACCESS SERVICE BILLING INFORMATION - (BSE)

B. Additional Access Service Billing Options (Cont'd)

2. Chargeable Additional Options

Additional copies of the customer's monthly bill and/or CSR may be provided in standard paper, microfiche, magnetic tape reel, or magnetic tape cartridge format for an additional charge.

a. Standard Paper

Customers requesting additional copies of monthly bills and/or CSRs in a standard paper format are assessed a per request charge for each bill and each CSR and a per page charge.

b. Microfiche

Customers requesting additional copies of monthly bills and/or CSRs in a microfiche format are assessed a per set charge for each bill and each CSR and a per microfiche sheet charge.

c. Magnetic Tape Reel or Cartridge

Customers requesting additional copies of monthly bills and/or CSRs in a magnetic tape reel or cartridge format are assessed a per reel or per cartridge charge. Only one type of magnetic tape (i.e., reel or cartridge) will be provided per request.

Rates and charges for additional billing copies are set forth following.

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4.2 PROVISION OF ACCESS SERVICE BILLING INFORMATION - BSE (CONT'D)

C. Price List

1. Additional Options of the Customer's Monthly Bill and/or CSR

a. Nonchargeable Additional Options

	RATE
• Electronic Data Transmission	-
• On-line Billing Service	-

b. Chargeable Additional Options

• Paper	
- Per request[1]	\$10.50
- + Per page	0.01
• Microfiche	
- Per set[1]	47.60
- + Per microfiche sheet	0.25
• Magnetic Tape Reel, per reel[2]	31.60
• Magnetic Tape Cartridge, per cartridge[2]	31.20

[1] Applies for each bill and each CSR requested.

[2] Only one type of magnetic tape (reel or cartridge) will be provided per request.

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4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

4.3 FACILITIES PROTECTION - SPECIAL FACILITIES ROUTING

4.3.1 DESCRIPTION

The services provided by the Company are over such routes and facilities as the Company may elect. Special Facility Routing is involved when, in order to comply with requirements specified by the customer, the Company provides Private Line Transport Services, ATM Cell Relay Services, LAN Switching Service (LSS) and Metro Optical Ethernet (MOE) in a manner which includes one or more of the following conditions:

(T)
(C)

Diversity

Diversity occurs when the service is provisioned over a primary route and secondary route over separate transmission facilities. The alternate routes must have a route separation of 25 feet or more. Diversity can be provided on the local loop (from the serving wire center to the subscriber location), or Interoffice Facilities (between wire centers).

Avoidance

Avoidance occurs when service is provisioned in a manner to avoid, or bypass, a subscriber defined geographical location.

A. Diversity and Avoidance Options

The following is a description of the standard options available:

Loop Diversity

Provides a second route from the first utility vault outside of the serving wire center to the subscriber premises. The diversity will end at the last terminal prior to the subscriber's premises unless the subscriber provides for a separate entrance facility.

Interoffice Diversity

Provides a second route between the first utility vault outside the serving wire center and the first utility vault outside the remote wire center. This service applies only to Private Line Transport Service.

Avoidance

Geographical avoidance of a given point or wire center.

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4.3 FACILITIES PROTECTION - SPECIAL FACILITIES ROUTING (CONT'D)

4.3.2 TERMS AND CONDITIONS

- A. Diversity and Avoidance are available on all Private Line Transport services and on the loop portion of certain Exchange Access services. Service is subject to availability of facilities. When facilities are not available Special Construction charges may be assessed.
- B. The rates and charges for Special Facilities Routing and Hot Standby Protection are in addition to all other rates and charges that may be applicable to the service provided with Special Facilities Routing and Hot Standby Protection.
- C. When a customer orders more than one Special Facilities Routing option, (e.g., Loop Diversity and Interoffice Diversity, or multipoint Loop Diversity, i.e. on more than one leg of a multipoint circuit), at the same time, for the same service, only one nonrecurring charge applies. This nonrecurring charge applies to both the primary and secondary route for each service or circuit.
- D. Rate Elements applicable for other services with Special Facilities Routing apply on both the Primary Route and the Secondary Route. Special Construction charges may be applicable with Loop Diversity when Secondary Routes are not available.
- E. The terms Primary and Secondary Route are not meant as a reference to quality or usage, but are used to designate separate routing.

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4.3 FACILITIES PROTECTION - SPECIAL FACILITIES ROUTING (CONT'D)

4.3.3 PRICE LIST

The rates and charges for Loop and Interoffice Diversity, and Avoidance, are specified following. Customers with one hundred terminations or more at a single location may request, Diversity and/or Avoidance under an Alternate Pricing Arrangement.

Monthly rates and nonrecurring charges for Loop and Interoffice Diversity apply on a per termination or per circuit basis.

Monthly rates and nonrecurring charges for Avoidance apply on a per service basis.

The rates and charges specified are in addition to the rates and charges for the services using Diversity and Avoidance.

	USOC	NONRECURRING CHARGE[1]	MONTHLY RATE
• Loop Diversity, per point of termination			
- Primary Route	DEVX1	\$50.00	\$12.00
- Secondary Route	DEVX2	50.00	12.00
• Interoffice Diversity, per circuit			
- Primary Route	DEWX1	50.00	10.00
- Secondary Route	DEWX2	50.00	10.00

[1] Only one nonrecurring charge applies, per circuit or service, when more than one option is ordered for the same service, at the same time.

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4.3 FACILITIES PROTECTION - SPECIAL FACILITIES ROUTING

4.3.3 PRICE LIST (CONT'D)

	USOC	NONRECURRING CHARGE[1]	MONTHLY RATE
• Avoidance, per service, per occurrence	AOV	\$50.00	\$12.00
• Alternate Pricing Arrangement			
- Diversity, per point of termination	SYD++	[2]	[2]
- Avoidance, per service, per occurrence	SYA++	[2]	[2]

[1] Only one nonrecurring charge applies, per circuit or service, when more than one option is ordered for the same service, at the same time.

[2] Monthly rates and nonrecurring charges will be specified in the Company Service Agreement.

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4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

4.4 FACILITIES PROTECTION - HOT STANDBY PROTECTION

4.4.1 DESCRIPTION

Hot Standby Protection, hereinafter referred to as Fiber Optic Protect Path Diversity, is provided over fiber optic facilities with a second route separated by a minimum distance of 25 feet. Fiber Optic Protect Path Diversity is not a duplication of services, but dual routing with automatic transfer.

4.4.2 PROVISION OF SERVICE

Fiber Optic Protect Path Diversity is available when the subscriber is served by fiber optic facilities. This provides a second route between the first utility vault outside the serving wire center to the last terminal prior to the subscriber's premises unless the subscriber provides for a separate entrance facility. A sampling device located at the subscriber termination is common to both routes and automatically selects the secondary route in the event of a failure to the primary route.

4.4.3 PRICE LIST

Monthly rates and nonrecurring charges will be established on an Individual Case Basis (ICB).

	USOC	NONRECURRING CHARGE	MONTHLY RATE
• Fiber Optic Protect Path, per customer point of termination			
- Primary Route	SB8++	[1]	[1]
- Secondary Route	SB9++	[1]	[1]

[1] Monthly rates and nonrecurring charges will be specified in the Company Service Agreement.

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4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

4.5 PROTECTION SERVICE FOR HIGH VOLTAGE ENVIRONMENTS

A. Description[1]

1. Company services provided on facilities that extend to a high voltage environment, i.e., electric power generating, switching and distributing locations, require high voltage protection whenever hazardous voltages of 1000V peak-asymmetrical or greater appear on those facilities due to Ground Potential Rise (GPR) and/or induction caused by faults in electric power system(s) located on the customer's premises. The high voltage protection may be provided by the Company, as specified herein, or the customer may elect to provide the high voltage protection. The high voltage protection is designated to isolate or neutralize the hazardous voltages. The protection objectives on Company services and facilities at these locations are as follows:
 - a. To minimize electrical hazards to personnel engaged in construction, operation, maintenance and use of telecommunications service.
 - b. To limit electrical damage to telecommunications equipment, cable and wire facilities.
 - c. To provide the required service continuity and integrity of telecommunications transmission as specified by the customer.
2. This offering requires high voltage protection at the customer's premises and, if necessary, at the Company CO whenever the fault-produced GPR/induction equals or exceeds 1000V peak-asymmetrical.

[1] High Voltage Protection, as specified herein, does not apply to services provided on fiber optic facilities.

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4 ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

4.5 PROTECTION SERVICE FOR HIGH VOLTAGE ENVIRONMENTS (CONT'D)

B. Responsibility of the Customer

1. A customer whose Company services are provided on facilities that extend to a high voltage environment where high voltage protection is required, as set forth in A. preceding, shall be responsible for providing to the Company a completed Form RG 31-0048, "Design Information for Power Industry Channels," which includes the following:
 - a. The maximum return (line fault) current under worst case single phase fault conditions at each location where telecommunications services are requested.
 - b. The type, quantity and projected forecast of each service required at a given location, including those required by contractors or any other temporary service needs, in accordance with the definitions given in D. following.
 - c. The Service Performance Objective Classification for each service in accordance with the definitions in E. following.
 - d. The technical data needed by the Company to determine the method of protection required at each service location. This data includes, but is not limited to, the ground grid area, impedance of the station ground grid to remote earth, X/R ratio of the power system at the probable point of fault, fault current diagrams and maps of major power feeder routes.
2. Changes in the information provided in 1. preceding will require written notification, with a revised Form RG 31-0048. These changes shall be provided as they occur to permit reevaluation, redesign, implementation and tests of the required modified or new protection method.

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4.5 PROTECTION SERVICE FOR HIGH VOLTAGE ENVIRONMENTS (CONT'D)

C. Responsibility of the Company

1. The Company, working in conjunction with the customer, shall determine the proper methods of protection required to achieve the objectives set forth in A. The method of protection for every service in a cable shall be coordinated by the Company to be compatible with the protection provided for the most critically important service in that cable.
2. It is expressly declared that metallic facilities are in continually decreasing supply, and the Company is not obligated to continue to make such facilities available. Metallic facilities are offered only where existing facilities and operating conditions permit.
3. The Company reserves the right to treat high voltage protection on an individual case basis, dependent on the type of facilities available.

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4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

4.5 PROTECTION SERVICE FOR HIGH VOLTAGE ENVIRONMENTS (CONT'D)

D. Protection Service Types

1. Protection services which the Company offers are identified according to the following types:

Type 1

Services requiring either dc transmission or ac and dc transmission, used for basic exchange telephone service and/or Private Line Transport Service.

Type 2

Private Line Transport Service requiring Voice Grade and/or Low Speed Data, D.C. Channel and Alarm transmission, used for pilot wire protective relaying or dc tripping.

Type 3

Private Line Transport Service requiring ac Voice Grade transmission only, used for telemetering, supervisory control, data, etc.

Type 4

Private Line Transport Service requiring ac Voice Grade transmission only, used for audio tone protective relaying.

E. Service Performance Objective Classification

1. Interruptions or outages of telecommunications circuits serving electric power substations may occur for physical reasons such as cable damage due to extraordinarily heavy storm loading, a vehicle striking and breaking a utility pole, a cable cut, a lightning strike, or acts of God. Circuit failures caused by such events cannot be prevented and the Company expressly states that provision of the service provided in this section cannot preclude such service outages as may occur due to the above mentioned circumstances.
2. Interruptions or outages due to the effect (GPR and/or induction) of faults in the customer's power generating, transmission and/or distribution systems are minimized through the installation and maintenance of high voltage protection service which is designed to operate in a fault-produced electrical environment.

4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

4.5 PROTECTION SERVICE FOR HIGH VOLTAGE ENVIRONMENTS

E. Service Performance Objective Classification (Cont'd)

3. Because of the customer's need for service continuity during power system faults on some types of telecommunications services provided to power stations, the following system of Service Performance Objective Classifications has been established for the purpose of permitting the customer to specify the performance objectives for most types of telecommunications services provided to power stations:

Class A

Non-interruptible service performance (must function before, during and after the power fault condition) for services requiring ac transmission only. Class A service cannot tolerate even a momentary service interruption. Non-tolerable service interruptions include both loss of dependability (failure to deliver a valid trip or control signal) and loss of security (delivery of a false trip or control signal).

Class B

Self-restoring interruptible service performance (must function before and after the power fault condition) for any service. Class B service can tolerate a service interruption for the duration of a power system fault, but service continuity must be restored immediately after the fault without requiring any repair personnel activity.

Class C

Interruptible service performance (can tolerate a station visit to restore service) for power stations with a GPR less than 1000V peak-asymmetrical. Class C service can tolerate a service interruption which requires a station visit by repair personnel to restore service. Class C service cannot be provided in conjunction with Class A or Class B service.

4. ORDER MODIFICATIONS AND MISCELLANEOUS CHARGES

4.5 PROTECTION SERVICE FOR HIGH VOLTAGE ENVIRONMENTS (CONT'D)

F. Provision of High Voltage Protection Service

1. The Company or the customer may provide the high voltage protection.
2. At the customer's request, the Company shall provide any required high voltage protection at the customer's premises and, if necessary, at the Company's CO at rates and charges set forth in G. following. The Company will inspect and verify the protection when service is established at new or existing customer locations and at future times as deemed necessary during changes, rearrangements or maintenance.
3. If the customer elects to provide the required high voltage protection, the equipment used must meet the technical requirements specified in the Institute of Electrical and Electronics Engineers (IEEE) Standard 487.
4. Where the Company does not provide the high voltage protection (HVP) on the customers facilities because the customer has elected to select, install, use and maintain its own HVP, the customer does so with the understanding that it is solely responsible for any interruption of Company service associated with its selection, installation, use or maintenance of the HVP. Furthermore, the customer, its successors and assigns, agree to indemnify and hold the Company and its Subsidiaries and its and their employees, officers, directors and agents harmless from all loss, liabilities, costs and expenses, including attorneys' fees and all cost of defense and settlement, resulting from interruption of service, damage to Company property, claims, demands, suits or actions of any nature whatsoever ("Proceedings"), arising from the failure of the HVP selected, installed, used or maintained by the customer.
5. The Company reserves the right to suspend any service without adequate high voltage protection until adequate protection is provided.

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4.5 PROTECTION SERVICE FOR HIGH VOLTAGE ENVIRONMENTS (CONT'D)

G. Price List

1. Protection Service Types[1]

These rates and charges apply for each service terminated and treated with high voltage protection at a service location. These rates and charges do not include equipment cabinets or mounting arrangements which may be provided by the Company at additional costs or by the customer.

	USOC	NONRECURRING CHARGE	MONTHLY RATE
• Type 1 Class B Service			
- 2 wire	HVC	\$130.00	\$ 30.20
- 4 wire-metallic[2]	HVA	163.00	43.50
- 4 wire-non-metallic	HVD	163.00	43.50
• Type 2 Class B Service			
- 2 wire	HVE	199.00	51.30
- 4 wire[2]	HVB	303.00	102.60
• Type 3 Class A Service			
- 2 wire	HVF	199.00	30.40
- 4 wire	HVG	303.00	60.80
• Type 3 Class B Service			
- 2 wire	HVH	130.00	21.70
- 4 wire	HVJ	163.00	43.40
• Type 4 Class A Service			
- 2 wire	HVK	199.00	30.40
- 4 wire	HVL	303.00	60.80

[1] These rates and charges are in addition to charges for Local Exchange Telephone Service and/or the Network Access Channel, Channel Performance and Transport Channels which are applicable for Low Speed Data, D.C. Channel, Alarm and Voice Grade channels.

[2] Service is limited to a maximum ground potential rise of 4.0 KV RMS-11VS.

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G. Price List (Cont'd)

2. In lieu of the nonrecurring charges and the monthly rates specified in 1. preceding, the customer may elect to pay an upfront, nonrecurring charge for high voltage protection service to be provided by the Company for a period of up to ten years. This nonrecurring charge will be determined on an individual case basis (ICB), with payment terms and conditions specified in a service agreement between the Company and the customer. At the end of the service period, a new service agreement may be negotiated for the continued maintenance of the high voltage protection service, or the service may be continued on a month-to-month basis.

	USOC	NONRECURRING CHARGE[1]
• Type 1 Class B Service		
- 2 wire	HPP	ICB
- 4 wire-metallic[2]	HPM	ICB
- 4 wire-non-metallic	HPS	ICB
• Type 2 Class B Service		
- 2 wire	HPU	ICB
- 4 wire[2]	HPN	ICB
• Type 3 Class A Service		
- 2 wire	HPW	ICB
- 4 wire	HPY	ICB
• Type 3 Class B Service		
- 2 wire	HP1	ICB
- 4 wire	HP3	ICB
• Type 4 Class A Service		
- 2 wire	HP5	ICB
- 4 wire	HP7	ICB

[1] This charge will be developed on an individual case basis, and is in addition to the rates and charges for the service(s) with which it is associated.

[2] Service is limited to a maximum ground potential rise of 4.0 KV RMS-11 volt seconds.

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