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Title Pages 1 to 3 and Pages 1 to 24-10 inclusive, of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement Nos. 1, 2, 5, 6, 7, 8, and 10 contain all changes from the original tariff that are in effect on the date shown.

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2. GENERAL REGULATIONS (Cont'd)2.6 Definitions (Cont'd)Geographically Aggregated Rate (GAR)

The term "Geographically Aggregated Rate" denotes a situation in which the rates and charges for a service offering, for which there is currently no demand, are developed based upon the aggregated revenue requirement and demand for more than one study area. Upon receipt of a request for service, the current geographically averaged rates will be redeveloped to include the new study area.

Example: Study areas A, B and C have been geographically aggregated. Geographically averaged rates for A and B were developed based upon their aggregated revenue requirement and demand, while Area C, marked "GAR", has no current demand. Should C receive a request for service, the current geographically averaged rates will be redeveloped to include C's revenue and demand. The redeveloped rates and charges will now be applicable to customers on A, B and C.

Ground Start Supervisory Signaling

The term "Ground Start Supervisory Signaling" denotes a type of signaling which provides for the application of ground on the tip side at the point of termination (assuming no signaling conversion has been provided by the Telephone Company) as an initial seizure signal before the application of ringing in the originating direction (towards the customer from the end office).

Head-End

The Telephone Company location where analog video and audio signals are received from the customer for transmission over the broadband distribution facilities to subscribers for the purposes of providing Video Channel Services.

Immediately Available Funds

The term "Immediately Available Funds" denotes a corporate or personal check drawn on a bank account that has completed the clearing process and funds which are available for use by the receiving party on the same day on which they are received, including U.S. Federal Reserve bank wire transfers and Automated Clearinghouse (ACH) payments. (C)

Individual Case Basis

The term "Individual Case Basis" (ICB) denotes a condition where the regulations, if applicable, rates and charges for an offering under the provisions of this tariff are developed based on the circumstances in each case.

Information Service Provider

The term "Information Service Provider" denotes one who offers a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information which may be conveyed via telecommunications, except that such service does not include (1) any use of any such capability for the management, control, or operation of a telecommunications system or the management of a telecommunications service, or (2) the provision of time, weather, and such other similar audio services that are offered by any Verizon Telephone Company. (C)

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- (4) For certain Special Access services, a Special Access Service Guarantee (SASG) credit allowance will apply in the event that such services experience a service interruption of four or more consecutive hours except as specified in 2.8.4(B) following. The SASG credit allowance will apply to Voiceband, Digital Data Service (DDS), and High Capacity Digital DS1 (excluding the portion of a Special Access High Capacity Digital DS1 Service that is derived at a CDL using a DS3 Premises Multiplexer) & DS3 Special Access services (collectively, Special Access Services). (D)

The customer has the option to subscribe to National SLA Plans as set forth in Section 2.8.3 following. When a customer subscribes to a National SLA Plan, SASG credit allowances under this Section 2.8.1.1(A)(4) do not apply to services covered by the National SLA Plan.

If a Special Access Service is eligible for an SASG credit allowance, the Telephone Company shall provide the applicable credit amount as set forth in the table following. The Telephone Company shall bill customer the applicable monthly rate for the Special Access Service, and if customer is eligible to receive the SASG credit allowance, the customer shall receive the SASG credit in a later invoice. Except as stated in this tariff, the SASG credit allowance is in addition to any other credit allowances available under this Section 2.8.1.1. The maximum amount of all credit allowances available under this Section 2.8.1.1 for a Special Access Service for a given billing period shall not exceed the total applicable monthly charge paid by the customer for such Special Access Service. The monthly charge will consist of all applicable rate elements charged to the circuit experiencing the service interruption. The SASG credit allowance can only be applied once per month on a per circuit basis. For multi-point circuits, the SASG credit allowance will apply to each leg of the circuit that experiences a service interruption.

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## (4) (Cont'd)

The Special Access Service Guarantee (SASG) credit allowance, for each applicable service is listed below and applies to all states:

<u>Service</u>	<u>SASG (per circuit)</u>
Voiceband	\$ 20.00
Digital Data Service (DDS)	
2.4 kbps	40.00
4.8 kbps	45.00
9.6 kbps	50.00
19.2 kbps	55.00
56.0 kbps	60.00
64.0 kbps	65.00
High Capacity	
DS1	160.00
DS3	400.00

(D)  
(D)

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3. ORDERING OPTIONS FOR FIA (Cont'd)

3.1 General (Cont'd)

3.1.1 Ordering Conditions (Cont'd)

- (F) The provision of Special Access requires the selection of a Terminating Option as defined in 5.3. The provision of Switched Access requires an Entrance Facility as defined in 4.2.3(B). When a customer orders a DS3 SAL or DS3 Switched Entrance Facility, he may specify, on the ASR, if the interface is to be electrical or optical. In the event the customer does not specify an interface preference for DS3, the Telephone Company will provide an electrical interface.

(D)  
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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.1 General (Cont'd)

Special Access provides a transmission path to connect CDLs\* within a LATA\*\* for Interstate Telecommunications. Special Access provided to a customer may be connected directly to customer facilities, through Telephone Company Hub Wire Centers where bridging or multiplexing functions are performed, or through a DS3 Premises Multiplexer at a CDL where multiplexing functions are performed, and/or may be connected to access facilities of another telephone company or companies in the joint provision of Special Access Service as well as may be connected to Switched Access as set forth in Section 4. Special Access Services may also be connected to a customer's transmission equipment and facilities using a DS1 or DS3 Cross Connect arrangement where the customer is provided Expanded Interconnection Service (EIS) as defined in Section 17. High Capacity SALs may also be connected to an in-service Telephone Company provided integrated optical service, provided that such connections are technically and operationally feasible, as determined by the Telephone Company.

The provision of Switched Access and Special Access in combination is normally for, but not limited to, the use of WATS or WATS-type Access. When Special Access is connected to Switched Access, the terms, conditions and rates for the facilities between the end user's CDL and the WATS Serving Office are as set forth in this section of the tariff; the terms, conditions and rates for the facilities between the WATS Serving Office and the IC's CDL, as well as the switching functionalities (e.g., end user access codes, screening) are as set forth in Section 4 of this tariff.

Special Access can be provided in either analog or digital format. Analog formats are differentiated by spectrum and bandwidth. Digital formats are differentiated by bit rate. The specific types of Special Access (e.g., Voiceband, Digital Data Service) provided are described in 5.2 following.

5.1.1 Rate Elements

There are six basic rate elements which apply to Special Access Service: (D)

Special Transport (described in 5.1.1(B) following)  
Special Transport Termination (described in 5.1.1(G) following)  
Special Access Line (described in 5.1.1(C) following)  
Special Access Cross Connect (described in 5.1.1(D) following)  
Supplemental Features (described in 5.4 following)  
Multiplexing Arrangements (described in 5.5 following)

Additionally, rates and charges for Integrated Optical Service Riders may also apply to Special Access connected to Integrated Optical Service Riders as set forth in Section 24.1 following.

\* Telephone Company Centrex CO-like switches are considered to be CDLs for the purposes of this tariff.

\*\* DS1 and DS3 Special Access Services may be provided between the service areas shown under 5.2.7(H), where facilities and conditions permit.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.1 General (Cont'd)5.1.1 Rate Elements (Cont'd)

The following is a list of Telephone Company's Open Network Architecture (ONA) Special Access Basic Service Elements (BSEs) which provide a cross-reference to the generic ONA product names.

Generic NameTelephone Company Name

Access to Clear Channel Transmission

Clear Channel Capability

(D)

Bridging

Bridging

Conditioning

Conditioning

Secondary Channel Capability

Digital Data Service -

Secondary Channel

Multiplexing - Digital 2000

Multiplexing Arrangements

(A) (Reserved for Future Use)

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.1 General (Cont'd)5.1.1 Rate Elements (Cont'd)(C) Special Access Line (SAL) (Cont'd)

(2) All Special Access Lines used with a Switching Interface are:

- provided with dial pulse address signaling or Dual Tone Multifrequency (DTMF) address signaling and either loop start or ground start supervisory signaling. The type of signaling is the option of the customer.
- available as either a two-wire or four-wire Voiceband Special Access Service (i.e., 300-3000 Hz bandwidth). Each transmission path is provided at the option of the customer with transmission specifications as described in Section 7000 of the GTE Technical Interface Reference Manual.

All rules and regulations pertaining to Special Access are applicable to Special Access Lines used with a Switching Interface. Rates and Charges are found in 5.7.5 for two-wire and four-wire Voiceband Special Access Lines.

A customer may also order high capacity facilities from an end user's CDL to a Telephone Company Hub for the purpose of originating or terminating Special Access Lines used with a Switching Interface. High capacity to voice multiplexing will be required at the Hub. The customer will be required to submit an ASR for the high capacity facility and voice multiplexing. The customer will also be required to submit an ASR(s) for the individual Voiceband SALs specifying the channel facility assignment (CFA) for each service. This Hub may or may not be a WATS Serving Office. In those instances when the Hub is not a WATS Serving Office, Voiceband Special Transport is applicable as set forth in 5.1.1(B), for each individual Special Access Line used with a Switching Interface to the Telephone Company designated WATS Serving Office.

(D) Special Access Cross Connect for EIS

(D)

The Special Access Cross Connect charge provides the communications path between Telephone Company provided DS0 (DDS operating at 64Kbps or Fractional T1 bandwidths), DS1 or DS3 Special Access Lines or Special Access Transport and a customer's transmission equipment and facilities where the customer is provided EIS as defined in Section 17. The Special Access Cross Connect charge may also provide the communications path between a customer's transmission equipment and facilities where the customer is provided EIS and EIS arrangements of another customer via Dedicated Transport Service as set forth in Section 18.1. The Special Access Cross Connect is available as DS0, DS1, or DS3 connections. The DS0 Cross Connect can accommodate 64Kbps DDS and Fractional T1 bandwidths of 128 Kbps, 256Kbps and 384Kbps. The Cross Connect arrangement may be connected directly to Telephone Company provided 64Kbps DDS or DS0, DS1 or DS3 services or to a Telephone Company provided 64Kbps DDS or DS0, DS1, or DS3 multiplexing arrangement located in a Telephone Company Hub. The Cross Connect charge applies per DS0 (64Kbps), DS1, or DS3 connection.

(D)

(D)

(D)

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## FACILITIES FOR INTERSTATE ACCESS

### 5 SPECIAL ACCESS (Cont'd)

#### 5.1 General (Cont'd)

##### 5.1.1 Rate Elements (Cont'd)

##### (D) Special Access Cross Connect for EIS (Cont'd)

(D)  
-----  
(D)

In addition to the Special Access Cross Connect arrangements described herein, Optical Facility Terminations are available as described in Section 18.2.

Rates for DS0, DS1, and DS3 Cross Connect arrangements listed in Section 5.10 and rates for Optical Facility Terminations listed in Section 18.2(E) will apply in addition to the other rates and charges as specified in Section 17.

##### (E) Supplemental Features

Supplemental Features may be added to a Special Access circuit to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific facilities, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of facilities. Although the facilities necessary to perform a specified function may be installed at various locations along the path of the Special Access circuit, including the CDL, it will be provided for as a single rate element.

Examples of Supplemental Features that are available include, but are not limited to, bridging and conditioning. Each Supplemental Feature is described in 5.4, and rates are set forth in 5.7.

(D)

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.1 General (Cont'd)5.1.1 Rate Elements (Cont'd)(F) Multiplexing Arrangements

Multiplexing provides for arrangements to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Multiplexing is available at a Telephone Company designated Hub Wire Center arranged for multiplexing, or at a CDL where multiplexing functions are performed using a DS3 Premises Multiplexer. All types of multiplexing may not be available at each Hub Wire Center. Refer to Section 5.6.6 for a description of Hub Wire Center. Descriptions for each type of multiplexing arrangements are provided in 5.5 following, and rates are set forth in 5.7 following.

(G) Special Transport Termination(1) DS1 and DS3 Service

The Special Transport Termination rate element as set forth in 5.7, applies only to DS1, Individual DS3 and System DS3 offerings and is in addition to the Special Transport rate element. Special Transport Termination provides the equipment and arrangements necessary to terminate the Special Transport facility at a serving wire center. One Special Transport Termination charge applies for the termination of each end of a Special Transport facility for -DS1 and DS3 (Individual and Systems) offerings.

(D)  
|  
|  
|  
(D)

(D)

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.1 General (Cont'd)5.1.2 Special Access Configurations

There are two types of facility configurations over which Special Access Services are provided – two-point and multipoint.

(A) Two-point Service

A two-point configuration is a circuit which is provided to connect two CDLs, either directly connected, through a Hub Wire Center where multiplexing functions are performed, or through a DS3 Premises Multiplexer where multiplexing functions are performed at a CDL. A two-point configuration also connects a CDL and a WATS Serving Office.

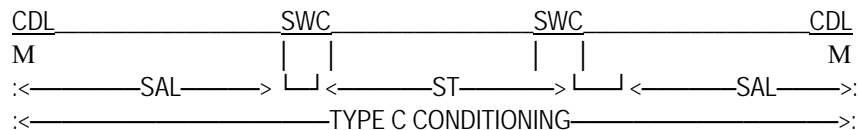
All Special Access offerings may be provided as a two-point configuration.

Applicable rate elements are:

(D)

- Special Access Lines
- Special Transport (when applicable)
- Special Transport Termination (when applicable)
- Supplemental Features (when applicable)
- Multiplexing Arrangements (when applicable)

The following diagram depicts a typical two-point service connecting two CDLs. The service is provided with the supplemental feature of Type C Conditioning:



SAL - Special Access Line  
ST - Special Transport  
SWC - Serving Wire Center  
CDL - Customer Designated Location

Applicable rate elements are:

- Special Access Line (2 applicable)
- Special Transport ( per airline mile between SWCs)
- Supplemental Feature of Type C Conditioning (2 applicable)

In addition, a Special Access Surcharge, as set forth in 5.6.9 following, may be applicable.

(D)

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.1 General (Cont'd)5.1.2 Special Access Configurations (Cont'd)(B) Multipoint Service (Cont'd)

Applicable rate elements are:

- Special Access Lines (4 applicable)
- Special Transport (5 segments, per airline between SWCs and HWCs) (T)
- Bridging (6 applicable, one per bridge port)

In addition, the Special Access Surcharge, as set forth in 5.6.9 following, may be applicable. (D)

5.1.3 Special Facilities Routing

A customer may request that the facilities used to provide Special Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are as set forth in Section 9 following.

5.1.4 Design Layout Report

The Telephone Company will provide to the customer the makeup of the Special Access provided under this tariff to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report and will include the following:

- Cable gauge, length and loading.
- Makeup (e.g., T-Carrier, two-wire, four-wire, etc.)
- Specific pair of circuit assignment at the customer designated location.

The Design Layout Report will be provided to the customer within fourteen working days from the ASR Date. Updated reports will be reissued within fourteen working days whenever facilities provided to the customer are materially changed. Both the initial and updated Design Layout Reports will be provided to the customer at no charge.

5.1.5 Acceptance Testing

At the time of installation, the following test parameters apply:

- (A) For Voiceband services, acceptance testing will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise.

When the Interface Arrangement provides a four-wire voice transmission facility and the point of termination provides two-wire voice transmission (i.e., there is a four-wire to two-wire conversion at the point of termination) balance tests are also included in acceptance testing. When performing installation and acceptance testing, the Telephone Company will test the access service within the LATA.

On four-wire and effective four-wire circuits where the Network Channel Terminating Equipment (NCTE) has the capability of being remotely aligned, the Telephone Company may perform acceptance testing without a Telephone Company technician at the customer's premise. Should the customer request a technician be present at the customer's premise, additional charges will apply as set forth in Section 6.2(C). The applicable rates are in Section 6.2(G).

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.1 General (Cont'd)5.1.5 Acceptance Testing (Cont'd)

## (A) (Cont'd)

If the NCTE at the customer's premise does not have the capability of being aligned remotely, the additional charges will not apply. The Telephone Company will determine the type of NCTE placed at a customer's premise.

- (B) For digital services (i.e., Digital Data Services and High Capacity Digital Services), acceptance testing will include tests for the parameters applicable to the service as set forth in Section 7000 of the GTE Technical Interface Reference Manual for each of these services. (D)

When the customer requests the performance of additional cooperative tests which are not required to meet these specified performance parameters, charges as set forth in 6.6 (B) following will apply. All test results will be made available to the customer upon request.

If acceptance tests are not started within 15 minutes after pre-service tests have been completed and the customer has been notified by the Telephone Company, additional charges may apply, as set forth in 6.2 following, unless the delay is caused by the Telephone Company.

5.1.6 Ordering Conditions

Ordering conditions are set forth in detail in Section 3 preceding. Also included in that section, are other charges which may be associated with ordering Special Access (e.g., Service Date Change Charges, Cancellation Charges, etc.).

(A) Determination of Jurisdiction of Mixed Use Special Access Lines

When mixed interstate and intrastate Special Access Service is ordered, the jurisdiction will be determined as follows:

1. If the customer's estimate of the interstate traffic on the physically intrastate line involved constitutes 10% or less of the total traffic on that line, the line will be ordered and provided in accordance with the applicable rules and regulations of the appropriate intrastate tariff.
2. If the customer's estimate of the interstate traffic on the physically intrastate line involved constitutes more than 10% of the total traffic on that line, the line will be ordered and provided in accordance with the applicable rules and regulations of this tariff.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.2 Description of Special Access

There are seven generic types of Special Access offerings. They are:

-Voiceband

-High Capacity Digital

-Digital Data Service

(D)

Each type has its own characteristics, and are subdivided by one or more of the following:

-Transmission specifications

-Bandwidth

-Speed (i.e., bit rate)

-Spectrum

The Special Access offerings described below are comprised of a combination of the rate elements described in 5.1.1. The following descriptions indicate the most effective use for each facility. Customer use for purposes other than those indicated is limited only to the extent that such use must not harm the network. Further, the Telephone Company does not guarantee transmission performance beyond the parameters identified in the descriptions.

The transmission performance characteristics of each Special Access offering are stated in Section 7000 of the GTE Technical Interface Reference Manual. The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that existing services with performance specifications exceeding the standards in the GTE Technical Interface Reference Manual will be maintained at the performance level specified in the manual. Where transmission performance characteristics are required other than those as stated in Section 7000 of the GTE Technical Interface Reference Manual, the Telephone Company will review, and where technically feasible, will develop rates and charges for the additional costs associated with provisioning the parameters. These rates and charges will be filed on an individual case basis in Section 5.9 and will apply in addition to all other applicable rates and charges.

The customer also has the option of ordering Voiceband and analog and digital high capacity facilities to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the Hubs, as well as the number of individual channels which may be derived from each type of facility, are set forth in 5.5. Additionally, the customer may specify supplemental features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the supplemental features available are set forth in 5.4.

For example, a customer may order a DS3 from a CDL to a Telephone Company Hub for multiplexing to 28 DS1 channels. The DS1 channels may be further multiplexed at the same or a different Hub to Voiceband channels or may be extended to other CDLs. Optional features may be added to either the DS1 or the Voiceband channels.

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.2 Description of Special Access (Cont'd)

5.2.4 (Reserved for Future Use)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.2 Description of Special Access (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.2 Description of Special Access (Cont'd)

(D)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.2 Description of Special Access (Cont'd)

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(D)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.2 Description of Special Access (Cont'd)

5.2.5 (Reserved for Future Use)

5.2.6 (Reserved for Future Use)

5.2.7 High Capacity Digital (USOC - XDH++) (D)

These facilities are two-point and are furnished between CDLs or between a CDL and a Telephone Company designated Hub Wire Center where multiplexing is offered. High Capacity facilities may be used to provide Special Access Lines as set forth in 5.1.1(C)(2). A High Capacity to Voice multiplexing arrangement, as described in Section 5.5, is required at the Hub Wire Center. High Capacity DS1 and DS3 services may also be connected to customer transmission equipment and facilities where the customer is provided EIS as defined in Section 17.

(A) DS1 facilities provide for the transmission of isochronous bipolar serial data at a rate of 1.544 Mbps.

(B) (Reserved for Future Use)

(C) (Reserved for Future Use) (C)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.2 Description of Special Access (Cont'd)

5.2.7 High Capacity Digital (USOC - XDH++) (Cont'd) (D)

(D) (Reserved for Future Use) (C)  
(D)

(E) DS3 facilities provide for the transmission of isochronous bipolar serial data at a rate of 44.736 Mbps. The Telephone Company will provide either an interface with Telephone Company electronics (electrical) or without Telephone Company electronics (optical) at the option of the customer. Ordering conditions are set forth in 3.1.1(F). EIS is not available with DS3 services provided with an optical interface.

(F) (Reserved for Future Use)

(G) (Reserved for Future Use)

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(D)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.3 Description of Terminating Options (Cont'd)

5.3.2 Voice Grade (Cont'd)

(G) Dial Repeating Tie Trunk Termination (Cont'd)

- (2) A Type III tie line termination provides the customer with a four-wire transmission interface and includes either two-wire or four-wire E&M type signaling. Transmission and signaling options available are described in Part 68 of the FCC Rules and Regulations. This option provides the E&M signaling with the facility.

5.3.3 (Reserved for Future Use)

5.3.4 (Reserved for Future Use)

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5.3.5 (Reserved for Future Use)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.3 Description of Terminating Options (Cont'd)

5.3.6 High Capacity Digital

- (A) High Capacity Digital DS1 (D)

Provides a High Capacity Digital DS1 Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals at the rate of 1.544 Mbps.

- (B) (Reserved for Future Use)

- (C) (Reserved for Future Use) (C)

(D)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.3 Description of Terminating Options (Cont'd)

5.3.6 High Capacity Digital

(D) (Reserved for Future Use) (C)

(D)

(D)

(E) High Capacity Digital DS3 (D)

Provides a High Capacity Digital DS3 Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals at the rate of 44.736 Mbps. The Telephone Company will provide either an interface with Telephone Company electronics (electrical) or an interface without Telephone Company electronics (optical) as specified by the customer. EIS is not available with DS3 services provided with an optical interface. Ordering conditions are set forth in 3.1.1(F).

(F) (Reserved for Future Use)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.4 Description of Supplemental Features (Cont'd)

5.4.1 Bridging (Cont'd)

(B) (Reserved for Future Use) (C)

(D)

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(D)

(C) (Reserved for Future Use) (C)

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(D)

(D) (Reserved for Future Use)

(E) DDS Bridging (USOC - BCNDA)

Provides for a multi-junction unit (MJU) arrangement to bridge 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps, 56 or 64 kbps DDS facilities. Different speeds cannot be mixed on the same bridge. This function is provided on a per port basis.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.4 Description of Supplemental Features (Cont'd)5.4.4 Signaling Arrangements (USOC - OSB; XSSLR) (C)

Signaling arrangements, when furnished with Voiceband transmission facilities, enable the facilities to accommodate standard telecommunications signaling protocols. Signaling arrangements provide for the conversion of one signaling method to another signaling method and/or extension of a signaling method at customer and Telephone Company interfaces and enables the transmission facilities to accommodate signaling transmission. Signaling arrangements are available with Voiceband transmission facilities to enable transmission of requested signaling formats. The third and fourth protocol characters of the Network Channel Interface (NCI) and Secondary Network Channel Interface (SEC NCI) codes as indicated on the customer's order, reflect signaling activity. Typical protocol characters contained in the NCI or SEC NCI codes that designate signaling arrangements are: AB, AC, DS, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, NO, RV and SF.

The customer identified NCI and SEC NCI codes will be considered the customer's request for signaling. The Telephone Company will endeavor to provide the specific signaling protocols requested by the customer. In those cases where facilities and equipment are not available to meet the customer's specific requests, the Telephone Company will provide the customer acceptable alternate protocols. Sections 3300, 6000 and 7000 of the GTE Technical Interface Reference Manual provide detailed technical descriptions of the signaling protocols normally available with each service offering. To properly provision SF signaling, when associated signaling code, is DS (PCM), additional information of SF requirements (loop signaling type ringdown) must accompany the customer's order. (D)

Signaling arrangement charges apply whenever interfaces at the customer premises or at the customer's Telephone Company serving wire center require a signaling arrangement other than those provided with the Terminating Options in 5.3.2 preceding. Signaling Arrangements will be charged on a per SAL basis. Specifically, a signaling charge applies if the signaling protocol characters in the NCI and the SEC NCI fields are different and include one of the following codes: RV, EX, SF, DX, DY, DS, AB.

# Service availability limited. Refer to # footnote on Page 5-20.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.4 Description of Supplemental Features (Cont'd)5.4.4 Signaling Arrangements (Cont'd)

For the above conditions, one additional signaling charge applies for each additional leg of multipoint circuit. When a Multiplexing Arrangement is ordered that converts a single higher capacity or bandwidth circuit into several lower Voiceband circuits, the Voiceband Signaling Arrangements are provided as part of the Multiplexing Arrangement, and no additional Signaling Arrangement charges will apply.

A signaling charge applies in addition to any other applicable signaling charge when loop range extension equipment is required. The Telephone Company will obtain customer approval for signaling range extension equipment.

Listed below are the Signaling Arrangements offered under this tariff:

- (A) (Reserved for Future Use) (C)
- (B) Conversion of Loop or E&M Signaling to SF - An arrangement to convert loop or E&M signaling to the single frequency signaling format. (USOC - OSB)
- (C) (Reserved for Future Use) (C)
- (D) (Reserved for Future Use) (C)
- (E) (Reserved for Future Use) (C)
- (F) Automatic Ringdown Signaling (ARD) - A signaling arrangement on a two-point Special Access which converts loop seizure at one end of the facility into ringing signal at the opposite end. (USOC - XSSLR)

- 5.4.5 (Reserved for Future Use) (C)
- (D)
- (D)
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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.4 Description of Supplemental Features (Cont'd)

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5.4.6 (Reserved for Future Use)

(C)

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5.4.7 (Reserved for Future Use)

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5.4.8 (Reserved for Future Use)

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.4 Description of Supplemental Features (Cont'd)5.4.9 Improved Termination Option (USOC - X4T)

Improved Termination provides for a fixed 600 ohm impedance, an increased range of transmission levels, and simplex reversal (when applicable) on an effective four-wire channel. This optional feature is available with most Voiceband services with a four-wire point of termination. Telephone Company equipment is required at the customer's premises where this option is ordered.

The Improved Termination option will be ordered and rates and charges, as set forth in 5.7.2(B) following, will apply on a per SAL basis. Technical parameters and the applicable Voiceband services are specified in Section 7000 of the GTE Technical Interface Reference Manual.

5.4.10 (Reserved for Future Use)

(C)

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(D)

5.4.11 Digital Data Service Secondary Channel (USOC - SCA24; SCA48; SCA96; SCA56)

This feature is offered on an optional basis to customers of Digital Data Service. It is a separate, slower speed digital channel that operates in parallel with the companion Digital Data Service primary channel. The secondary channel allows for remote control and testing of the network and peripheral devices without taking the network out of service and without lowering the speed of the primary Digital Data Service channel. This feature is not available with 19.2 Kbps or 64 Kbps Digital Data Service.

Rates and charges as set forth in 5.7.5(C) will apply on a per Digital Data Service SAL basis (each end of a two-point circuit and all ends of a multi-point circuit).

The provisioning of this option to existing Digital Data Service requires the discontinuance of the existing Digital Data Service and the establishment of new Digital Data Service for both ends of a two-point circuit and all ends of a multi-point circuit. The nonrecurring charges associated with the installation of Digital Data Service will apply.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.5 Description of Multiplexing Arrangements

Multiplexing Arrangements provide the function to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Cascading multiplexing occurs when a high capacity analog or digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a DS3 may be de-multiplexed to twenty-eight (28) DS1 facilities and then the DS1 facilities may be further de-multiplexed to twenty-four (24) Voiceband channels.

When cascading multiplexing is performed in the same or different Hub Wire Center, a charge for the additional multiplexing unit will also apply. When cascading multiplexing is performed at a different Hub Wire Center, Special Transport will also apply between the involved Hub Wire Centers.

Listed below are the multiplexing arrangements offered under this tariff.

- (A) (Reserved for Future Use)
- (B) (Reserved for Future Use)
- (C) (Reserved for Future Use)
- (D) DS1 to Voice (USOC - MQ1)

An arrangement that multiplexes twenty-four voice grade circuits to a single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to twenty-four voice grade circuits. If this DS1 terminates in a DDS hub, a channel(s) of the DS1 can be used to provide DDS; however, DDS service stops at the DS1 interface.

Up to 16 channels of this DS1 can be used for Direct Digital Service (DDS-like service) with the assurance that circuit performance parameters will be met. If more than 16 channels are used for DDS-like service, the performance parameters for the DS1 and all circuits riding the DS1 will not be guaranteed.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)  
5.6 Rate Regulations

This section contains specific regulations governing the rates and charges that apply for Special Access Service.

Competitive Counties and Non-Competitive Counties are defined in Section 2.6 and the wire centers within such counties are listed in Section 19.2. In wire centers within a Competitive County, monthly rates and nonrecurring charges for Special Access rate elements are arranged in price bands. The price band for each serving wire center within a Competitive County is specified in Section 19.2 following.

For Interexchange Carrier Point of Presence Special Access Lines, Special Transport and certain Optional Features and Functions ordered for such Interexchange Carrier Point of Presence Special Access Lines, including Multiplexing Arrangements, Price Band rates and charges apply regardless of whether the county is Competitive or Non-Competitive. In cases where Special Transport crosses price bands, the charge for the higher numbered price band applies.

End User Special Access Lines and certain Optional Features and Functions ordered for such End User Special Access Lines (e.g., Bridging), the application of "Price Cap" or "Price Band" is dependent upon whether or not the serving wire center is located in a Competitive County\*. If the End User Special Access Line and related Optional Features and Functions are in a Competitive County, Price Band rates and charges apply. If the End User Special Access Line and related Optional Features and functions are in a Non-Competitive County, Price Cap rates and charges apply. Any rate element that is not labeled as either Price Band or Price Cap will apply in both Competitive and Non-Competitive Counties.

5.6.1 Types of Rates and Charges

There are five types of rates and charges. These are monthly rates, weekly rates, daily rates, time sensitive rates and nonrecurring charges. The rates and charges are described as follows:

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|-----|--|--|
| (A) | <u>Monthly Rates</u>   |  |
|     | Monthly rates are recurring charges that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days. |  |
| (B) | (Reserved for Future Use)  | (C)<br>(D)<br> <br>(D)                           |
| (C) | (Reserved for Future Use)  | (C)<br>(D)<br> <br>(D)                           |
| (D) | (Reserved for Future Use)  | (C)<br>(D)<br><br>(D)<br> <br> <br> <br> <br>(D) |

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)5.6.1 Types of Rates and Charges (Cont'd)(E) Zone Density Plan - Special Access

The Zone Density Rate Plan is a pricing unit for rating High Capacity Special Access DS1 and DS3 Services. The Zone Density Plan assigns every Serving Wire Center (SWC) to one of three zones. The Serving Wire Center, CLLI Codes and zones are listed in Section 19. Zone 1 SWCs have the highest density of services, Zone 2 SWCs have intermediate density of services and Zone 3 SWCs have the lowest density of services. Zone Density Plan rates become effective in a study area concurrent with the first operational Expanded Interconnection Service (EIS), as described in Section 17, in that study area.

The Zone Density Plan for Special Access is applicable only to DS1 (1.544 Mbps) and DS3 (44.736 Mbps) services.

## (1) Zone Density rates are set forth in Sections:

5.7.6 - Multiplexing Arrangements

5.7.7 - High Capacity Digital DS1

5.7.10 - High Capacity Digital DS3 Three System

5.7.11 - High Capacity Digital DS3 Unlimited System

5.7.12 - High Capacity Digital DS3 Individual System

5.7.13 - (Reserved for Future Use)

5.7.14 - High Capacity Digital DS3 Transport and DS3 Banded Transport

5.7.15 - DS3 Multiplexer Cross Connect Arrangement

5.7.18 - DS1 Term Volume Plan

5.8.5 - Clear Channel Capability

(C)

## (2) Special Access Lines and Transport Terminations are rated according to the Zone of the SWC where they are located.

## (3) Special Transport provisioned between SWCs in two different zones will be rated at the higher zone rate.

## (4) Zone Density Plan for special access provided by more than one telephone company will be provided as set forth in Section 2.7.4(B).

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5     SPECIAL ACCESS (Cont'd)

5.6   Rate Regulations (Cont'd)

5.6.1   Types of Rates and Charges (Cont'd)

(F)   Nonrecurring Charges (Cont'd)

(3)   Installation of DS1 and DS3 Special Access Lines (Cont'd) (D)

(D)

(b)   DS1 Standard Arrangements (T)

Customers subscribing to DS1 Standard Arrangements, at rates set forth in 5.7.7(A) following, will be assessed a nonrecurring charge. The NRC for DS1 Standard Arrangements will be assessed per SAL.

The regulations in Section 5.6.1(F)(6) following will apply to existing DS1 Standard Arrangements customers when required for changes and other service arrangements.

(4)   (Reserved for Future Use) (C)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.4 Moves (Cont'd)

(B) Different CDL

- (1) When the move is to a different CDL (different address and different building), except as specified below, it will be treated as a disconnect and an installation of service. The appropriate service installation charge for the service termination(s) affected will apply. A new minimum period will be established for the installed Special Access Service. The customer will remain responsible for all minimum period charges associated with the disconnected Special Access Service. For services subject to payment plan regulations, a new payment plan will be established and full assessment of the remaining liabilities will be applicable.
- (2) When the move is to a different CDL but served by the same serving wire center, the following conditions apply:
  - A change ASR will be required.
  - The appropriate service installation charge for the service termination(s) affected will apply.
  - For Special Access services subject to payment plan regulations, if the customer of record remains the same with no lapse in service, the appropriate NRCs for changes will apply. Otherwise, the move will be treated as a disconnect and an installation of service and all appropriate NRCs and full assessment of the remaining liabilities will be applicable.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)5.6.6 Hub Wire Centers

A Hub Wire Center is a Telephone Company designated serving wire center at which bridging or multiplexing arrangements are provided. Bridging is used to connect three or more CDLs in a multipoint arrangement. The multiplexing arrangements channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth.

Although Hub Wire Centers are defined as serving wire centers at which bridging or multiplexing arrangements are performed, they are not limited to providing these functions and may provide any other types of Special Access services offered in this tariff.

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The Telephone Company will designate the Hub Wire Center locations. Different locations may be designated as Hub Wire Centers for different functions, such as bridging or multiplexing arrangements, for different facility capacities (e.g., multiplexing from digital to digital may occur at one wire center while multiplexing from digital to analog may occur at a different wire center). The location of Hub Wire Centers and the types of hubbing functions offered at that location are identified in the NECA Tariff FCC No. 4.

Some of the types of multiplexing provided include the following:

- from higher to lower bit rate,
- from higher to lower bandwidth,
- from digital to voice grade service.

The transmission performance for the end to end Special Access provided from CDLs will be that of the lower capacity or bit rate. For example, when a DS1 Special Access is multiplexed to voice frequency circuits, the transmission performance will be Voiceband, not High Capacity.

The Telephone Company will commence billing the monthly rate for the Special Access Line and Special Transport or Special Access Cross Connect charge for EIS arrangements, for the High Capacity facility to the Hub Wire Center as of the service date, even though individual services utilizing those facilities may not be installed until a later date. If the customer has designated the type of multiplexing to be provided with the High Capacity facility, the nonrecurring charge for the Multiplexing Arrangement will be billed to the same customer at that same time, and the billing for the monthly rate will begin.

Individual Special Access rates (by Special Access type) will apply for the Special Access Line and additional Special Transport facilities (if required) for each channelized Special Access. These will be billed to the customer specified on the ASR as each individual Special Access is installed. The appropriate application of rate elements is specified in 5.6.7(B). Shared use of a digital high capacity facility is provided for in 5.6.7(A).

(D)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.7 Shared Use Analog and Digital High Capacity Services (Cont'd) (D)

The monthly Switched and Special Access rate used will be the appropriate rate (Special Access SAL, Transport, Multiplexer and/or Cross Connect Arrangement and Switched Access Entrance Facility, Direct-Trunked Transport, Multiplexer and/or Cross Connect Arrangement) for the underlying shared use facility, i.e., if the underlying facility is a Special Access DS3 service, the corresponding Switched Access DS3 Transport will be used to determine the Switched Access monthly charges.

(D)

In the case of a National Discount Plan, the discounts as set forth in Section 23.1.5 following must be applied to the Special Access DS3 Service or Special Access DS1 Service, as applicable, before the monthly charges are apportioned between Switched and Special Access based on the number of channels used for Switched Access and the number of remaining channels on the Special Access facility according to the following formula above.

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.8 (Reserved for Future Use)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5     SPECIAL ACCESS (Cont'd)

5.6     Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5     SPECIAL ACCESS (Cont'd)  
5.6     Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)

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5.6.9 Special Access Surcharge (USOC - S25)

Pending the development of techniques to accurately measure usage of local facilities which are interconnected by users by means of interstate or foreign telecommunications, a surcharge of \$25.00 per service per month will be assessed to a two point Special Access Service, and to each additional Special Access Line when the service is configured as multipoint. The Special Access Surcharge will also be assessed upon High Capacity Digital Services on a voiceband equivalent basis. The voiceband equivalency for these type services is as follows: (D)

- High Capacity DS1 equates to 24 Voiceband Facilities

(D)

- High Capacity DS3 equates to 672 Voiceband Facilities

(D)

The Special Access Service will be exempted from the monthly surcharge if the customer provides the Telephone Company written certification that the termination is one of the following: (USOC - S25EX)

- (1) The open end termination (dial tone end) of a Foreign Central Office Line, Common Control Switching Arrangement (or equivalent) or Off Network Access Line (ONAL).
- (2) Any termination of an analog circuit used for radio or television program transmission.
- (3) Any termination of a line used for telex service.
- (4) Any termination of a line by nature of its operating characteristics and nature of connection could not make use of common lines.
- (5) Any line termination, other than (1) through (4) preceding, which is subject to the following charges: (a) Carrier Common Line, (b) End Office Switching, and (c) Switched Transport.
- (6) A termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the Special Access Service to the local network. If the PBX or other device has been configured either through software programming or physical restrictions not to access the local network, then the customer may file the surcharge exemption for the Special Access Service terminating on this equipment.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)5.6.9 Special Access Surcharge (Cont'd)

In order for the Telephone Company to determine the application of the surcharge with respect to specific services, the customer must report the intended use of all services when placing ASRs for Special Access Service. In addition, when ordering High Capacity Analog or Digital services, the customer must report the use for each voice equivalent circuit of the high capacity service. When any circuit is reported wholly used in any manner described in (1) through (6) preceding, the surcharge will not apply. If the intended use is not reported, the surcharge will apply.

If, at any time after the installation of a service which is subject to the surcharge, the customer reports that the service is being used consistently with any exception listed above, the Telephone Company will credit the customer for the surcharge. Credit will not be given beyond the receipt date of the certification for exemption.

When the customer orders DS3 Premises Multiplexer as set forth in Section 5.5(L) preceding, the Special Access Surcharge will apply to the DS1s that are derived from the multiplexer unless written certification is provided in accordance with this Section 5.6.9.

5.6.10 (Reserved for Future Use)

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5.6.11 DS3 High Capacity Service(A) DS3 Rate Structure

A DS3 (44.736Mbps) High Capacity SAL, whether an Individual, 3-System or Unlimited System, may be purchased with or without electronics. When a SAL is ordered with electronics Verizon will place electronics at both the CDL and the serving wire center. When a SAL is ordered without electronics Verizon will only place electronics at the serving wire center and not at the CDL. Effective May 18<sup>th</sup> 2002 when a DS3 SAL is ordered without electronics the interface must be optical unless an Additional SAL is added to an existing System with an electrical interface. When ordered with electronics the interface may be electrical or optical.

DS3 SALs are non-distance sensitive and are provided on a protected basis.

Individual System

An Individual System is a single DS3 between a CDL and the serving wire center. The appropriate NRC is applied per SAL.

Transport rate elements are applied per SAL when transport between offices is required. In instances when a SAL is ordered to a second CDL in conjunction with an Individual System SAL and Transport between offices is required Transport rate elements are applied per circuit.

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# FACILITIES FOR INTERSTATE ACCESS

## 5 SPECIAL ACCESS (Cont'd)

### 5.6 Rate Regulations (Cont'd)

#### 5.6.11 DS3 High Capacity Service (Cont'd)

(D)

##### (A) DS3 Rate Structure (Cont'd)

###### 3-System

The 3-System allows the same customer, between the same CDL and the serving wire center, to order additional DS3 SALs, up to a maximum of two. Additional SALs may only be added with the same interface, electrical or optical, and with Telephone Company electronics or without Telephone Company electronics as the First System. The appropriate NRC is applied per SAL.

Transport rate elements are applied per SAL when transport between offices is required. In instances when a SAL is ordered to a second CDL in conjunction with a 3-System SAL and Transport between offices is required Transport rate elements are applied per circuit.

###### Unlimited System

The Unlimited System allows the same customer, between the same CDL and the serving wire center, to order additional DS3 SALs, with no maximum. Additional SALs may only be added with the same interface, electrical or optical, and with Telephone Company electronics or without Telephone Company electronics as the First System. The appropriate NRC is applied per SAL.

Transport rate elements are applied per SAL when transport between offices is required. In instances when a SAL is ordered to a second CDL in conjunction with an Unlimited System SAL and Transport between offices is required Transport rate elements are applied per circuit.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)5.6.11 DS3 High Capacity Service (Cont'd)(A) DS3 Rate Structure (Cont'd)

A DS3 SAL provides a spare transmission path (transmit and receive) connected to an automatic protection switch. In the event of failure in the primary service, traffic will be automatically transferred to the spare transmission facilities. The spare transmission path will normally be provided on the same route as the primary path. When a customer orders a DS3 SAL, the customer may request that the spare transmission path be provided via an alternate route provisioned as the Telephone Company may elect. If common points for the primary and alternate route become necessary, these points will be identified by the Telephone Company and provided to the ordering customer. Should the routing arrangement require special routing requirements specified by the customer, other rates and regulations as set forth in Section 9 or Section 10 may be applicable.

A customer may order the same or different type of DS3 SALs for each CDL(s) at which DS3 service is terminated.

When a customer requests the disconnect of a DS3 service in the 3 System DS3 or Unlimited System DS3, an Additional System DS3 SAL must be disconnected first. When only the First DS3 service exists, that service will be disconnected.

Any costs associated with Special Construction as set forth in Section 3.1.3 preceding may apply.

DS3 Special Transport contains two rate elements, Special Transport Termination and Special Transport Facility. Special Transport Termination rates apply for the termination of each end of the interoffice facility. Special Transport Facility rates apply for each airline mile of the interoffice facility.

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(D)

DS3 Banded Special Transport applies as a single rate per mileage band in accordance with Section 23.16 following.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)5.6.11 DS3 High Capacity Service (Cont'd)(B) Minimum Service Periods

Individual DS3s and System DS3s are offered under four minimum service periods, each with different rate levels. The minimum service periods are 1, 3, 5 and 7 years. The customer must specify the minimum service period at the time the service is ordered. First and Additional DS3 SALs (3 System DS3s and Unlimited System DS3s) can have a different minimum service period. However, each DS3 SAL of a two-point DS3 service must have the same minimum service period.

The customer may select a longer minimum service period at any time, without penalty or application of nonrecurring charges, to obtain the lower monthly recurring rates associated with a longer minimum service period. When the customer selects this option, no credit toward the new service period will be given for the amount of time they were under the shorter minimum service period. The new recurring charges will apply subsequent to the effective date of the new minimum service period.

(C) Expiration of Service Period

At the expiration of a service commitment period, the customer may select a new DS3 commitment period. If the customer does not select a new minimum service period within 60 days from the expiration date, billing will remain at the current service period and a new DS3 minimum service period will begin based on the previously effective service period. All terms and conditions, including Subsequent Termination Liabilities, will apply to the new DS3 period.

Customers with expired service periods for the Individual System, Three System and Unlimited System DS3s, prior to the effective date of this tariff offering will have up to 180 days to select a new commitment service period. If the customer does not select a new service period within 180 days of the effective date of this tariff, billing will remain at the current service period and a new DS3 minimum service period will begin based on the last service period. The beginning date of the new service period will be the date immediately following the expiration date of the expired service period.

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**FACILITIES FOR INTERSTATE ACCESS****5 SPECIAL ACCESS (Cont'd)****5.6 Rate Regulations (Cont'd)****5.6.11 DS3 High Capacity Service (Cont'd)****(H) DS3 Multiplexer Cross Connect Arrangement**

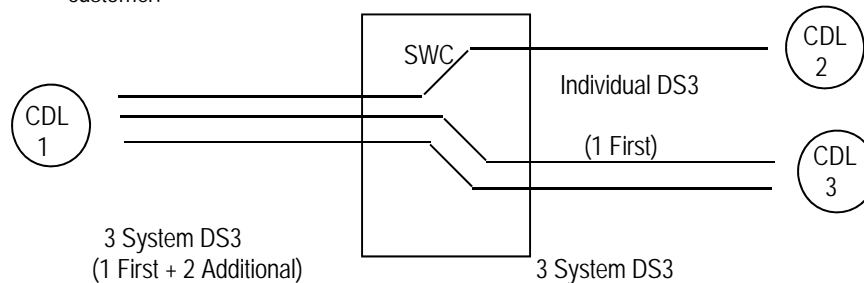
The DS3 Multiplexer Cross Connect Arrangement allows a customer to (1) cross connect digital DS-1 channels from a DS3 Multiplexer to another DS3 Multiplexer or (2) to cross connect digital DS1 channels from a DS3 Multiplexer to an OC-3 CO-Node purchased from Section (20). When the DS3 Multiplexer Cross Connect is applied between a DS3 Multiplexer and an OC-3 CO-Node, applicable Section (20) rate elements are applied in addition to the DS3 Multiplexer Cross Connect. If the DS3 multiplexer is located in a different hub wire center than the other DS3 multiplexer or OC-3 CO-Node, DS1 special transport will apply in addition to the DS3 Cross Connect charge. The customer must provide the (CFA and SCFA) for both multiplexed services or OC-3 CO-Node on the ASR.

The rate as specified in Section 5.7.15 will apply per cross connect arrangement.

The DS3 Multiplexer Cross Connect Arrangement is not available with a DS3 Premises Multiplexer.

**(I) Partitioned Billing Arrangement (PBA)**

PBA is a service arrangement that allows System DS3 (3 System or Unlimited System) customers to partition the multiple DS3s to a number of CDLs on the other end of the circuit (see diagram below). All rate elements associated with the PBA must be billed to the same customer. (D)



For 3 System DS3s and Unlimited System DS3s ordered under a PBA, each CDL must have a first system SAL. Additional SALs may then be ordered under the normal System terms and conditions.

(D)

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Cancels Original Page 5-78  
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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

## 5.6 Rate Regulations (Cont'd)

#### 5.6.11 DS3 High Capacity Service (Cont'd)

(I) Partitioned Billing Arrangement (PBA) (Cont'd)

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(D)

When ordering a PBA the customer must specify on the ASR the Access Service Group (ASG) and the First System DS3 circuit identification (ECCKT) at both CDLs. Each 3 System DS3 and/or Unlimited System DS3 at a CDL must be ordered as separate PBAs.

Customers with existing DS3 Systems (3 System or Unlimited System) may convert to a PBA. (D)  
To convert, the customer must issue discontinuance of service ASR(s) for the existing DS3s  
and establishment of new service ASR(s) for each CDL to be converted to the PBA. If no  
physical changes to the service(s) are required, no NRCs apply. If any physical changes are  
required, appropriate NRCs will apply.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)5.6.12 Optional Payment Plan (OPP)#(A) General

- (1) The terms and conditions specified herein are applicable to DDS services. (D)  
(D)
- (2) Only the Special Access Line (SAL) rate element is available under an OPP. All other associated rate elements or additional features are available at the standard month-to-month tariffed rates and regulations. (D)  
(D)
- (3) Three year and five year OPP rates will be equal to or less than the one year OPP rates. Decreases to the one year OPP will flow through to the three year and five year OPP. (T)
- (4) Payment periods of one year, three year, and five years are available to all customers at the applicable rates set forth in 5.7.5(B) regardless of when they subscribe to an OPP arrangement. (T)  
(D)
- (5) The customer must designate on the ASR the payment period for the OPP. (T)
- (6) Inside moves, provided in accordance with 5.6.4, will not incur termination liability charges. (T)
- (7) Outside moves provided in accordance with 5.6.4(B)(2) will allow the customer to retain the same OPP payment period. Any other move will be treated as a disconnect of the service and termination liability charges will apply. (T)

# Effective November 16, 2018, orders for new DDS OPPs are no longer permitted. The Telephone Company will continue to provide DDS OPPs pursuant to this Section 5.6.12 on any existing DDS OPP that is in-service as of November 16, 2018, or any order for DDS OPP that is placed with the Telephone Company prior to November 16, 2018 (collectively, Existing DDS OPP), subject to the following conditions:

- The Telephone Company will continue to provide existing service for the selected commitment period until (i) the customer discontinues service; (ii) the customer converts to a DDS service offered under Section 5.2.9; or (iii) the current commitment period expires, whichever comes first. Upon expiration of the commitment period, if the customer has taken no action, the Telephone Company will convert the customer to basic DDS service offered under Section 5.2.9.
- Renewal of the Existing DDS OPP is not permitted.

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.12 Optional Payment Plan (OPP)# (Cont'd)

(B) Changes in Length of OPP Period

Prior to the completion of the selected OPP period, the customer may elect to convert to a new OPP period of the same or different length, subject to the following conditions: (D)

- No credit toward the new payment period will be given for payments made under the original OPP arrangement.
- Nonrecurring charges will not be reapplied for existing service(s).
- If the new OPP period is shorter in length than the time remaining under the existing OPP, the change to the new OPP period constitutes a disconnect of the existing OPP service and termination liability charges apply.

# Service availability limited. Refer to # footnote on Page 5-79.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)5.6.12 Optional Payment Plan (OPP)# (Cont'd)(B) Changes in Length of OPP Period

In accordance with the # footnote on Page 5-79, the customer may not extend the expiring (D)  
OPP period of Digital Data Service.

(C) Renewal Options

(1) At the expiration of an OPP period, the Telephone Company will automatically renew (D)  
the service at the same OPP period unless the customer chooses to convert to a  
different OPP period, convert to month-to-month rates, or discontinue service.

(a) Conversion to a different OPP period will require the customer to submit a  
change order ASR. Conversion to a different OPP period will be allowed without  
application of any nonrecurring or ordering charges.

(2) In accordance with the # footnote on Page 5-79 preceding, the customer may not (D)  
renew the expiring OPP period of Digital Data Service.

(D) Notification of Discontinuance

An ASR for discontinuance of an OPP arrangement must be received by the Telephone  
Company at least thirty (30) days prior to actual disconnect of service. Monthly charges will  
apply for a period of thirty (30) days from the date the Telephone Company receives  
disconnect notification or until the requested disconnect date, whichever period is longer.

(E) Upgrade to Higher Speed Service

Customers may elect to upgrade service(s) to a higher speed during an OPP period, subject  
to the following conditions:

- The upgraded service will be subject to all appropriate nonrecurring charges.
- Termination liability charges will not apply as long as the upgraded service remains  
connected at the same point of termination(s) or meets the requirements set forth in  
5.6.4(B)(2).
- If the upgrade involves establishing a multiplexing arrangement, termination liability  
charges will not apply if the hub wire center is the same one associated with the  
customer designated location.

# Service availability limited. Refer to # footnote on Page 5-79.

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.12 Optional Payment Plan (OPP)## (Cont'd)

(F) Termination Liability

When an OPP service is discontinued prior to the end of the period, termination liability charges, as set forth below, will apply based on the remainder of the OPP period in effect at the time of disconnect.

One Year OPP - 50% of any remaining portion of the first year's recurring charges.

Three Year OPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second and third years, the customer will be liable for 10% of the total monthly recurring charges in that time period.

Five Year OPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second through fifth years, the customer will be liable for 20% of the total monthly recurring charges in that time period.

(G) Termination Without Liability

During an OPP period, should the currently effective rate for a customer's service increase, the customer may, at their option, terminate the OPP arrangement without penalty or liability.

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(D)

(D)

## Service availability limited. Refer to # footnote on Page 5-79.

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## FACILITIES FOR INTERSTATE ACCESS

### One-, Two-, Three-, Five-Year DS1 Term Volume Plans (TVP)

Each customer's ETTVP will be reviewed annually. The customer will be notified in writing as to the status of the ETTVP. If the applicable in-service DS1 SAL quantity (including any DS1 SALs that were replaced by a Replacing Service using the methodology for a Technology Migration specified in Section 2.10.2 preceding) falls below the commitment quantity penalties will be assessed as set forth under 5.6.14 (I).

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(D)

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)5.6.16 MetroLAN Special Transport(A) Description

MetroLAN Special Transport (MetroLAN) provides DS1 transport between two or more serving wire centers located on a Telephone Company fiber optic ring. MetroLAN transport is provided at a flat-rate per month charge per DS1 transport facility, per LAN traversed, regardless of the number of miles the circuit is routed on the fiber ring. (D)

(B) Conversion of Existing DS1 Transport

Current DS1 transport can be replaced by MetroLAN. For DS1 transport associated with a SAL provided under the One-, Two-, Three- and Five-Year DS1 Term Volume Plan (TVP) and Eight- and Ten-Year DS1 Term Volume Plan (ETTVP), the MetroLAN term selected must be the same as the DS1 SAL. Where access to MetroLAN is made via a multiplexing arrangement in a central office on the fiber ring (i.e., DS3 to DS1, or Voiceband to DS1), and there is no associated DS1 TVP SAL, then the MetroLAN One Year rate will apply. Customers with Month-to-Month DS1 SALs must convert to the One Year MetroLAN Rate. (D)

(C) Term Commitment

When MetroLAN is ordered as part of new DS1 service, the MetroLAN term must be the same as the term of the SAL portion of the DS1 TVP and DS1 ETTVP service. Customers with Month-to-Month DS1 SALs must select the One Year MetroLAN term. (D)

(D) Discontinuance of Service

If a DS1 TVP SAL or DS1 ETTVP SAL is discontinued, the MetroLAN portion of the circuit will also be discontinued. Termination liability charges will be assessed as in 5.6.12(F) for the SAL. No additional penalties will be assessed for the MetroLAN portion of the OPP circuit. (D)

If a DS1 TVP SAL or DS1 ETTVP SAL is discontinued, the MetroLAN portion of the circuit will also be discontinued. Penalties for the discontinuance of TVP or ETTVP service will be assessed as in 5.6.14(N). No additional penalties will be assessed for the MetroLAN portion of the portion of the TVP or ETTVP circuit.

If a Month-to-Month DS1 SAL is discontinued, DS1 transport for the MetroLAN transport portion of the circuit is also discontinued.

MetroLAN transport may be converted to standard special access transport rates (i.e., per airline mile) at any time at no charge.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)5.6.16 MetroLAN Special Transport (Cont'd)(E) Continuation of Service Off the Ring

MetroLAN DS1 circuits can be routed any distance on a fiber optic ring. When the DS1 circuit leaves the ring for continuation on the network, normal tariff rates will be assessed for the portion of the route not on the ring. (D)

(F) Renewal Option

When the MetroLAN term expires, the customer can renew for any term length as long as the new MetroLAN term selected is the same as the SAL portion of the DS1 service (One Year option for DS1 Month-to-Month services). The SAL and MetroLAN must have the same term for new or renewed DS1 service. (D)

(G) Rate Changes

A decrease in the MetroLAN monthly recurring charge will be passed on to subscribers of the plan. During a MetroLAN period, should the currently effective rate for a customer's service increase, the customer may, at their option, terminate the MetroLAN arrangement without penalty or liability unless the increase is a result of FCC action.

(H) Service Availability

MetroLAN DS1 transport is available to all DS1 customers in the Telephone Company serving areas in which fiber optic rings are deployed. MetroLAN is provided between wire centers located on the same fiber optic ring as follows: (D)

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)5.6.19 DS3 Term Volume Plan(A) Description

- (1) The DS3 Term Volume Plan (**DS3 TVP**) provides a customer with discounted monthly recurring rates for DS3 Special Access Line (**SAL**) rate elements based upon a term commitment and a committed number of DS3 SALs (**DS3 Commitment Quantity**). The DS3 Commitment Quantity represents the total number of DS3 SALs that the customer commits to the DS3 TVP, regardless of the total number of DS3 SALs that the customer currently has in-service in the operating territories of this tariff. Only one DS3 Commitment Quantity is allowed for the DS3 TVP. For DS3 TVPs established prior to July 16, 2016, the DS3 Commitment Quantity (along with the Term Commitment as defined in (A)(2) following) determines the Commitment Level and corresponding rates applicable to the DS3 SALs included in the TVP. For DS3 TVPs established on or after July 16, 2016, the DS3 Commitment Quantity for the customer's ACNAs designated for inclusion in the DS3 TVP (along with the Term Commitment as defined in (A)(2) following) determines the Commitment Level and corresponding rates applicable to the DS3 SALs included in the TVP. Commitment Levels are described in (C) following (**Commitment Level**).
- (2) The DS3 TVP is offered for a 3 or 5 year term commitment period (**Term Commitment**). (D)  
For DS3 TVPs established prior to July 16, 2016, upon subscription to the DS3 TVP, all of the customer's DS3s that are eligible for inclusion in the DS3 TVP (whether or not such DS3s are actually included in the Commitment Level) will be billed at the applicable DS3 TVP rate level. For DS3 TVPs established on or after July 16, 2016, upon subscription to the DS3 TVP, all of the customer's DS3s that are eligible for inclusion in the DS3 TVP (whether or not such DS3s are actually included in the Commitment Level) in the ACNAs designated for inclusion in the DS3 TVP will be billed at the applicable DS3 TVP rate level. The applicable DS3 TVP rate level corresponds to the length of the Term Commitment selected by the customer and a Commitment Level as determined by the DS3 Commitment Quantity. For example, if a customer commits 51 DS3 circuits to a 3 year Term Commitment under this DS3 TVP, but has a total of 150 DS3 circuits in-service, the customer will receive a rate corresponding to a Term Commitment of 3 years for a Commitment Level of 50-149 DS3 circuits for all 150 DS3 circuits.
- (3) During the DS3 TVP term, the customer may elect to increase the DS3 Commitment Quantity in accordance with (G) following, the Term Commitment in accordance with (H) following, or both.
- (4) The regulations and rates set forth in this Section 5.6.19 apply only to the DS3 SAL rate elements for Eligible DS3 Services, as defined in (D)(1) following, under a DS3 TVP. All other rate elements or additional features associated with the service are provided at the rates and regulations set forth elsewhere in this tariff as they may apply to those associated rate elements or additional features.
- (5) For DS3 TVPs established prior to July 16, 2016, a customer may not concurrently subscribe its DS3 Services to the National Discount Plan as set forth in Section 23.1 following. For DS3 TVPs established on or after July 16, 2016, a customer may not concurrently subscribe its DS3 Services to the National Discount Plan as set forth in Section 23.1 following for those ACNAs designated for inclusion in the DS3 TVP.

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## FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)5.6.19 DS3 Term Volume Plan (Cont'd)(B) DS3 TVP Enrollment and Conversion of DS3 Services

- (1) A customer wishing to subscribe to a DS3 TVP must submit a written request to the Telephone Company. The written request must be submitted in a manner designated by the Telephone Company, and must include all of the following.
  - (a) The enrollment date for the DS3 TVP. This is the date on which DS3 TVP rates will commence and serves as the anniversary date for the DS3 TVP for the purpose of administering the Annual Review described in (E) following. The enrollment date must be within thirty (30) calendar days of the Telephone Company receiving the customer's written subscription to DS3 TVP.
  - (b) The DS3 Commitment Quantity for the DS3 TVP. The DS3 Commitment Quantity shall be the number of DS3 SALs that the customer includes in the DS3 TVP and shall correspond to a Commitment Level as described in (C) following. In order to subscribe to DS3 TVP, a minimum of twenty (20) DS3 SALs must be committed to the DS3 TVP.
  - (c) The Term Commitment for the DS3 TVP. Term Commitment periods of 3-years or 5-years are offered. (D)
  - (d) The Access Customer Name Abbreviations (**ACNAs**) to include in the DS3 TVP. Customer must own or have the right to utilize all the ACNAs subscribed to this DS3 TVP, and must otherwise comply with the terms and conditions of this tariff. Subsequent to initial subscription, additional ACNA(s) may be included in the DS3 TVP so long as the customer complies with the terms and conditions set forth in this tariff. Such requests must be made in the same manner and by providing the same information required for initial subscription under this (B) (1). The DS3 Commitment Quantity and the resulting Commitment Level must be increased to include the additional SALs associated with the addition of any ACNA(s). The increased Commitment Level will apply through the end of the Term Commitment. No adjustment to prior billing will be made, and no credits will be given based on the new Commitment Level as set forth in (G) following.
  - (e) Request for Time-in-Service Credit (**TISC**). TISC is described in (K) (2) following. TISC must be requested by the customer in writing and agreed to by the Telephone Company prior to the enrollment date of the DS3 TVP. The customer must request TISC in its initial subscription under this (B) (1) and the request must include all of the information specified in (K) (2) following. No requests for TISC will be accepted after the enrollment date of the DS3 TVP.

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(USOC)	<u>Supplemental Features</u>		(D)
	<u>Multipoint Data Bridging</u>		
	(Per Port)		
	<u>Monthly</u>		
<u>Jurisdiction</u>	<u>Rate</u>		
	(B5NDJ)		
Pennsylvania			
Price Band A		\$9.60	
Price Band B		9.60	
Price Band C		9.60	
Price Cap		8.00	
Virginia			
Price Band A		8.00	
Price Band B		8.00	
Price Band C		8.00	
Price Cap		8.00	(D)

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(B) Optional Arrangements (Cont'd)

		<u>Supplemental Features</u>	(D)
		<u>Signaling Arrangement</u>	
		<u>Loop or E&amp;M to SF, per SAL</u>	
		Monthly	
		<u>Rate</u>	
		(OSB)	
(USOC)			
<u>Jurisdiction</u>			
Pennsylvania			
	Price Bands A, B, and C	\$19.20	
	Price Cap	16.00	
Virginia			
	Price Bands A, B, and C	16.00	
	Price Cap	16.00	(D)

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5.7.2 Voiceband Facilities (Cont'd)

(B) Optional Arrangements (Cont'd)

		<u>Supplemental Features</u> <u>Signaling Arrangement</u>	<u>Automatic Ringdown, per SAL</u>	(D)
			Monthly Rate (XSSLR)	
(USOC)				
<u>Jurisdiction</u>				
Pennsylvania				
	Price Bands A, B, and C		\$12.00	
	Price Cap		10.00	
Virginia				
	Price Bands A, B, and C		10.00	
	Price Cap		10.00	(D)

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		<u>Supplemental Features</u>	(D)
		<u>Improved Termination Option, Per SAL</u>	
		Monthly <u>Rate</u> (X4T)	
(USOC)			
<u>Jurisdiction</u>			
Pennsylvania			
	Price Bands A, B, and C	\$12.00	
	Price Cap	10.00	
Virginia			
	Price Bands A, B, and C	10.00	
	Price Cap	10.00	(D)

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5.7.4 Video Facilities (cont'd)

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# FACILITIES FOR INTERSTATE ACCESS

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### 5.7 Rates and Charges (Cont'd)

#### 5.7.7 High Capacity DS1 (1.544 Mbps) Facilities (Cont'd)

#### (B) Optional Arrangements (Cont'd)

	MetroLAN - Special Transport Per DS1/LAN Traversed						(D)
	One Year Monthly Rate (10X1X)	Two Year Monthly Rate (10X2X)	Three Year Monthly Rate (10X3X)	Five Year Monthly Rate (10X5X)	Eight Year Monthly Rate (C6H6X)	Ten Year Monthly Rate (C6H7X)	
(USOC)							
<u>Jurisdiction</u>							
Pennsylvania							
Price Band A	\$76.32	\$73.78	\$69.96	\$63.60	\$63.60	\$63.60	
Price Band B	76.32	73.78	69.96	63.60	63.60	63.60	
Price Band C	76.32	73.78	69.96	63.60	63.60	63.60	
Virginia							
	NA	NA	NA	NA	NA	NA	

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5.7.8 Reserved for Future Use

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## FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)5.7 Rates and Charges (Cont'd)5.7.10 High Capacity Digital DS3 (44.736 Mbps) Facilities - Three System (Cont'd)(A) Protected DS3 - With Telephone Company Electronics (Cont'd)

<u>First End User Special Access Line</u>					(D)
(USOC)	<u>Nonrecurring Charge</u>	<u>One Year Monthly Rate</u> (EUUE1)#	<u>Three Year Monthly Rate</u> (EUUE3)	<u>Five Year Monthly Rate</u> (EUUE5)	
<u>Jurisdiction</u>					
Pennsylvania					
Price Band A	\$2,500.00	\$1,686.46	\$1,380.12	\$1,203.84	
Price Band B	2,500.00	1,725.68	1,412.98	1,233.20	
Price Band C	2,500.00	1,764.90	1,445.84	1,262.57	
Price Cap	2,500.00	1,480.00	1,240.00	1,108.00	
Virginia					(D)
Price Band A	2,500.00	2,370.00	2,140.00	1,660.00	
Price Band B	2,500.00	2,370.00	2,140.00	1,660.00	
Price Band C	2,500.00	2,370.00	2,140.00	1,660.00	
Price Cap	2,500.00	2,370.00	2,140.00	1,660.00	

# USOC applies to all jurisdictions in which the First Special Access Line Protected DS3 - With Telephone Company Electronics is provided under the NDP as set forth in Section 23.1 following.

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## FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)5.7 Rates and Charges (Cont'd)5.7.10 High Capacity Digital DS3 (44.736 Mbps) Facilities - Three System (Cont'd)(A) Protected DS3 - With Telephone Company Electronics (Cont'd)

First Special Access Line					(D)
(USOC)	Nonrecurring <u>Charge</u>	One Year Monthly <u>Rate</u>	Three Year Monthly <u>Rate</u>	Five Year Monthly <u>Rate</u>	
		(1CFE1)#	(1CFE3)	(1CFE5)	
<u>Jurisdiction</u>					
Pennsylvania					
Price Band A	\$2,500.00	\$1,686.46	\$1,380.12	\$1,203.84	
Price Band B	2,500.00	1,725.68	1,412.98	1,233.20	
Price Band C	2,500.00	1,764.90	1,445.84	1,262.57	
Virginia					
Price Band A	2,500.00	2,370.00	2,140.00	1,660.00	
Price Band B	2,500.00	2,370.00	2,140.00	1,660.00	
Price Band C	2,500.00	2,370.00	2,140.00	1,660.00	(D)

# USOC applies to all jurisdictions in which the First Special Access Line Protected DS3 - With Telephone Company Electronics is provided under the NDP as set forth in Section 23.1 following.

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## FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)5.7 Rates and Charges (Cont'd)5.7.10 High Capacity Digital DS3 (44.736 Mbps) Facilities - Three System(A) Protected DS3 - With Telephone Company Electronics (Cont'd)Each Additional End User Special Access Line - Maximum of 2

(USOC)	<u>Nonrecurring Charge</u>	<u>One Year Monthly Rate</u> (EUUG1)#	<u>Three Year Monthly Rate</u> (EUUG3)	<u>Five Year Monthly Rate</u> (EUUG5)	(D)
<u>Jurisdiction</u>					
Pennsylvania					
Price Band A	\$1,000.00	\$1,264.90	\$ 1,035.09	\$902.91	
Price Band B	1,000.00	1,294.26	1,059.79	924.96	
Price Band C	1,000.00	1,323.73	1,084.38	947.00	
Price Cap	1,000.00	1,110.00	930.00	831.00	
Virginia					
Price Band A	1,000.00	1,777.50	1,605.00	1,245.00	
Price Band B	1,000.00	1,777.50	1,605.00	1,245.00	
Price Band C	1,000.00	1,777.50	1,605.00	1,245.00	
Price Cap	1,000.00	1,777.50	1,605.00	1,245.00	(D)

# USOC applies to all jurisdictions in which each additional Special Access Line Protected DS3 - With Telephone Company Electronics is provided under the NDP as set forth in Section 23.1 following.

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FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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## FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)5.7 Rates and Charges (Cont'd)5.7.10 High Capacity Digital DS3 (44.736 Mbps) Facilities - Three System(A) Protected DS3 - With Telephone Company Electronics (Cont'd)Each Additional Special Access Line - Maximum of 2

(USOC)	Nonrecurring <u>Charge</u>	One Year Monthly <u>Rate</u>	Three Year Monthly <u>Rate</u>	Five Year Monthly <u>Rate</u>	(D)
<u>Jurisdiction</u>		(1CFG1)#	(1CFG3)	(1CFG5)	
Pennsylvania					
Price Band A	\$1,000.00	\$1,264.90	\$1,035.09	\$902.91	
Price Band B	1,000.00	1,294.26	1,059.79	924.96	
Price Band C	1,000.00	1,323.73	1,084.38	947.00	
Virginia					
Price Band A	1,000.00	1,777.50	1,605.00	1,245.00	
Price Band B	1,000.00	1,777.50	1,605.00	1,245.00	
Price Band C	1,000.00	1,777.50	1,605.00	1,245.00	(D)

# USOC applies to all jurisdictions in which each additional Special Access Line Protected DS3 - With Telephone Company Electronics is provided under the NDP as set forth in Section 23.1 following.

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5. SPECIAL ACCESS (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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## FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)5.7 Rates and Charges (Cont'd)5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities - Unlimited System (Cont'd)(A) Protected DS3 - With Telephone Company Electronics (Cont'd)

(USOC)	Each Additional End User Special Access Line				(D)
	Nonrecurring Charge	One Year	Three Year	Five Year	
		Monthly	Monthly	Monthly	
		Rate	Rate	Rate	
		(EUUH1)	(EUUH3)	(EUUH5)	(D)
<u>Jurisdiction</u>					
Pennsylvania					
Price Band A	\$1,000.00	\$512.83	\$441.07	\$396.65	(D)
Price Band B	1,000.00	524.70	451.56	406.30	
Price Band C	1,000.00	536.68	462.05	415.94	
Price Cap	1,000.00	450.00	396.25	365.00	(D)
Virginia					
Price Band A	1,000.00	800.00	727.75	569.25	(D)
Price Band B	1,000.00	800.00	727.75	569.25	
Price Band C	1,000.00	800.00	727.75	569.25	
Price Cap	1,000.00	800.00	727.75	569.25	(D)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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## FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)5.7 Rates and Charges (Cont'd)5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities - Unlimited System (Cont'd)(A) Protected DS3 - With Telephone Company Electronics (Cont'd)

Each Additional Special Access Line					
(USOC)	Nonrecurring Charge	One Year Monthly Rate (1CFH1)	Three Year Monthly Rate (1CFH3)	Five Year Monthly Rate (1CFH5)	(D)
<u>Jurisdiction</u>					
Pennsylvania					
Price Band A	\$1,000.00	\$512.83	\$441.07	\$396.65	(D)
Price Band B	1,000.00	524.70	451.56	406.30	
Price Band C	1,000.00	536.68	462.05	415.94	(D)
Virginia					
Price Band A	1,000.00	800.00	727.75	569.25	(D)
Price Band B	1,000.00	800.00	727.75	569.25	
Price Band C	1,000.00	800.00	727.75	569.25	(D)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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## FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)5.7 Rates and Charges (Cont'd)5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities - Unlimited System (Cont'd)(B) Protected DS3 - Without Telephone Company Electronics (Cont'd)

(USOC)	<u>First End User Special Access Line</u>				(D)
	<u>Nonrecurring Charge</u>	One Year	Three Year	Five Year	
		Monthly	Monthly	Monthly	
		<u>Rate</u>	<u>Rate</u>	<u>Rate</u>	
		(EUUL1)	(EUUL3)	(EUUL5)	(D)
<u>Jurisdiction</u>					
Pennsylvania					
Price Band A	\$3,375.00	\$3,290.35	\$2,731.62	\$2,405.25	(D)
Price Band B	3,375.00	3,366.88	2,796.70	2,463.97	
Price Band C	3,375.00	3,443.41	2,861.68	2,522.59	
Price Cap	3,375.00	2,887.25	2,454.25	2,213.75	(D)
Virginia					
Price Band A	3,375.00	4,405.25	3,750.25	3,393.25	(D)
Price Band B	3,375.00	4,405.25	3,750.25	3,393.25	
Price Band C	3,375.00	4,405.25	3,750.25	3,393.25	
Price Cap	3,375.00	4,405.25	3,750.25	3,393.25	(D)

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FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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## FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)5.7 Rates and Charges (Cont'd)5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities - Unlimited System (Cont'd)(B) Protected DS3 - Without Telephone Company Electronics (Cont'd)

(USOC)	<u>Nonrecurring Charge</u>	<u>First Special Access Line</u>			(D)
		<u>One Year Monthly Rate</u>	<u>Three Year Monthly Rate</u>	<u>Five Year Monthly Rate</u>	
<u>Jurisdiction</u>		(1CFL1)	(1CFL3)	(1CFL5)	(D)
Pennsylvania					
Price Band A	\$3,375.00	\$3,290.35	\$2,731.62	\$2,405.25	(D)
Price Band B	3,375.00	3,366.88	2,796.70	2,463.97	
Price Band C	3,375.00	3,443.41	2,861.68	2,522.59	(D)
Virginia					
Price Band A	3,375.00	4,405.25	3,750.25	3,393.25	(D)
Price Band B	3,375.00	4,405.25	3,750.25	3,393.25	
Price Band C	3,375.00	4,405.25	3,750.25	3,393.25	(D)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.13 (Reserved for Future Use)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5. SPECIAL ACCESS (Cont'd)

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## FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)5.7 Rates and Charges (Cont'd)5.7.14 High Capacity Digital DS3 (44.736 Mbps) Facilities - Special Transport (Cont'd)(A) DS3 Special Transport Facilities (Cont'd)

(USOC) <u>Jurisdiction</u>	3 System, Unlimited System, Individual Transport Per DS3, Per Airline Mile <u>Monthly Rate</u> (1LFSX)		(D)
Pennsylvania			
Price Band A	\$38.69		
Price Band B	38.69		
Price Band C	38.69		
Virginia			
Price Band A	27.42		
Price Band B	27.42		
Price Band C	27.42		(D)

(D)

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5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.14 High Capacity Digital DS3 (44.736 Mbps) Facilities - Special Transport (Cont'd)

(B) DS3 Special Transport Terminations (Cont'd)

	3 System, Unlimited System, Individual Transport Per DS3, Per Termination		(D)
(USOC)	<u>Monthly Rate</u>		
	TRG		
<u>Jurisdiction</u>			
Pennsylvania			
Price Band A	\$325.95		
Price Band B	325.95		
Price Band C	325.95		
Virginia			
Price Band A	288.66		
Price Band B	288.66		
Price Band C	288.66		(D)

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5 SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5 SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5 SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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5 SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

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## FACILITIES FOR INTERSTATE ACCESS

### 5.9 Individual Case Basis Rates and Charges (Cont'd)

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FACILITIES FOR INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)

5.10 Special Access Cross Connect For EIS

(A) Rates and Charges

	<u>Per DS1 or DS3 Connection</u>			
	<u>DS0</u> <u>Monthly</u> <u>Rate</u>	<u>DS1</u> <u>Monthly</u> <u>Rate</u>	<u>DS3</u> <u>Monthly</u> <u>Rate</u>	(D)
Pennsylvania	2.05	4.90	38.67	
Virginia	2.85	4.04	25.52	

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## FACILITIES FOR INTERSTATE ACCESS

6. MISCELLANEOUS SERVICES (Cont'd)6.4 Telecommunications Service Priority (TSP) System (Cont'd)(G) Rates and Charges (Cont'd)(4) Establishment of TSP System Service Charge

(USOC)	Nonrecurring Charge	
	<u>Per Circuit</u>	
	(P1APX)(PR5PX)(PR8PX)	
	(P1ASX)(PR5SX)(PR8SX)	
<u>Jurisdiction</u>		

## Pennsylvania

Special Access Services		(T)
Non-Competitive County	\$14.50	(T)
Price Bands A, B, and C	14.50	(N)
All Other Services	14.50	(T)

## Virginia

Special Access Services		(T)
Non-Competitive County	14.50	(T)
Price Bands A, B, and C	14.50	(N)
All Other Services	14.50	(T)

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FACILITIES FOR INTERSTATE ACCESS

6. MISCELLANEOUS SERVICES (Cont'd)

6.4 Telecommunications Service Priority (TSP) System (Cont'd)

(G) Rates and Charges (Cont'd)

(5) Restoration Priority Rates

(USOC)	Monthly Rates		
	<u>Per Circuit</u>		
	(PR9PX)	(PR9SX)	
<u>Jurisdiction</u>			
Pennsylvania			
Special Access Services			(T)
Non-Competitive County	\$4.90		(T)
Price Bands A, B, and C	4.90		(N)
All Other Services	4.90		(T)
Virginia			—
Special Access Services			—
Non-Competitive County	4.90		(T)
Price Bands A, B, and C	4.90		(N)
All Other Services	4.90		(T)

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FACILITIES FOR INTERSTATE ACCESS

17. EXPANDED INTERCONNECTION SERVICES (Cont'd)

17.2 Provision of EIS (Cont'd)

17.2.1 General (Cont'd)

(B) EIS arrangements are available for Switched Access and DS0 (operating at 64Kbps), 10 Mbps, 100 Mbps, 1 Gbps, Gigabit partial rate or full rate Ethernet services, DS1 (1,544 Mbps) and DS3 (45Mbps) Special Access transmission facilities and terminating equipment that terminate to Telephone Company wire center or access tandem facilities in or near Telephone Company buildings. (D)

- Switched Access
- Special Access DS0 (operating at 64 Kbps bandwidths) (D)

The DS0 Cross Connect can accommodate 64Kbps DDS. (D)

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(D)

- Special Access 10 Mbps, 100 Mbps or 1 Gbps

The 10 Mbps, 100 Mbps and 1 Gbps Cross Connect arrangements are available for EIS arrangements in association with LAN Extension Service as set forth in 5.6.18.

- Special Access DS1 (1.544 Mbps)
- Special Access DS3 (45 Mbps)
- Transparent LAN Service
- Optical Facility Terminations

Optical Facility Terminations are available for EIS arrangements in association with Dark Fiber DTS as set forth in Section 18 following and for certain Optical Networking Services, (including Gigabit partial rate or full rate Ethernet services), IP Port services and advanced data services that require fiber optic interconnection to Telephone Company services. Optical Facility Terminations are set forth in 17.9.3 following.

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## FACILITIES FOR INTERSTATE ACCESS

23. Discount Plans (Cont'd)23.1 National Discount Plan (Cont'd)23.1.3 Qualifying Services

## (B) Qualifying Services

Subject to the terms of Section 23.1.1(D) preceding, the applicable percentage (as listed below) of each Qualifying Service provided by the Telephone Company to the NDP Customer pursuant to this tariff, FCC1, FCC11, and FCC16, for the ACNA(s) included in the NDP Customer's NDP, shall be included in the NDP at the time of subscription to NDP and, as applicable, at any time during the Term when the NDP Customer purchases additional quantities of such Qualifying Services.

- (1) All quantities (one hundred percent (100%)) of Special Access DS1 Service Channel Terminations; (D)
- (2) All quantities (one hundred percent (100%)) of Special Access DS3 Service Channel Terminations (including Individual System, 3 System, and Unlimited System configurations in this tariff and FCC16, and 12 Capacity System configurations in FCC16); (D)
- (3) All quantities (one hundred percent (100%)) of Special Access DS1 Service Channel Mileage (see Note 3);
- (4) All quantities (one hundred percent (100%)) of Special Access DS3 Service Channel Mileage (including Individual System, 3 System, and Unlimited System configurations in this tariff, and Individual System, 3 Capacity System, 12 Capacity System and Unlimited System configurations in FCC16);
- (5) All quantities (one hundred percent (100%)) of IEF STS1 Channel Terminations.

(D)  
(D)  
(D)

Note 3: The MetroLAN Optional Arrangement in this tariff and FCC16 is not a Qualifying Service.

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FACILITIES FOR INTERSTATE ACCESS

23. Discount Plans (Cont'd)

23.1 National Discount Plan (Cont'd)

23.1.5 Application of Discount (Cont'd)

(A) Discounted Rate Elements (Cont'd)

(3) The following Discounted Rate Elements from this tariff are included in NDP:

- (a) Special Access High Capacity DS1 (1.544 Mbps) Facilities - SAL rate elements of a Standard Arrangement as specified in Section 5.7.7 preceding, as determined in accordance with Section 19.1 preceding. (D)
- (b) Special Access High Capacity DS1 (1.544 Mbps) Facilities - Special Transport Facility and Termination rate elements of a Standard Arrangement as specified in Section 5.7.7(A) preceding, as determined in accordance with Section 19.1 preceding (see Note 2). (D)
- (c) Special Access High Capacity DS3 (44.736 Mbps) Facilities - SAL rate elements of an Individual System or a 3 System configuration (with or without Telephone Company electronics) as specified in Sections 5.7.10 and 5.7.12, respectively preceding, as determined in accordance with Section 19.1 preceding (see Note 3).
- (d) Special Access High Capacity DS3 (44.736 Mbps) Facilities - Banded Special Transport rate elements of an Individual System, a 3 System, or an Unlimited System configuration as set forth in Section 5.7.14(C) preceding.
- (e) Special Access High Capacity DS3 (44.736 Mbps) Facilities - Special Transport Facilities (as set forth in Section 5.7.14(A)) and 44.736 Mbps Terminations (as set forth in Section 5.7.14(B)) of an Individual System, a 3 Group System or an Unlimited System configuration preceding, as determined in accordance with Section 19.1 preceding. (D)

Note 2: All Special Transport rate elements of the MetroLAN Optional Arrangement are not Discounted Rate Elements. (D)

Note 3: All SAL rate elements of an Unlimited System are not Discounted Rate Elements. (D)

(D)

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FACILITIES FOR INTERSTATE ACCESS

23. Discount Plans (Cont'd)

23.1 National Discount Plan (Cont'd)

23.1.5 Application of Discount (Cont'd)

(A) Discounted Rate Elements (Cont'd)

(4) The following Discounted Rate Elements from FCC16 are included in NDP:

- (a) Special Access High Capacity DS1 Service – Circuit Termination rate elements as specified in Section 7.5.11(A) of FCC16. (D)
- (b) Special Access High Capacity DS1 Service – Fixed and Per Mile Circuit Mileage rate elements as specified in Section 7.11.5(G) of FCC16 (see Note 2). (D)
- (c) Special Access High Capacity DS3 Service - Circuit Termination rate elements of an Individual System or a 3 Capacity System configuration (with or without Telephone Company electronics) as specified Section 7.11.5(E) of FCC16 (see Note 3).
- (d) Special Access High Capacity DS3 Service - Banded Circuit Mileage rate elements of an Individual System, an Unlimited System, a 3 Capacity System or a 12 Capacity System configuration as specified in Section 7.11.5(J) of FCC16.
- (e) Special Access High Capacity DS3 Service - Fixed and Per Mile Circuit Mileage rate elements of an Individual System, an Unlimited System, a 3 Capacity System or a 12 Capacity System configuration as specified in Section 7.11.5(J) of FCC16.

(D)

Note 2: All Circuit Mileage rate elements of the MetroLAN Optional Arrangement are not Discounted Rate Elements.

Note 3: All Circuit Termination rate elements of an Unlimited System, a 12 Group System, or a 24 Group System are not Discounted Rate Elements.

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