

ACCESS SERVICE**7. Special Access Service**

Non-Competitive End-User Circuit Terminations (and associated optional features and functions) and Special Access Cross Connects are the Special Access Services offered under this tariff. Other Special Access Services required to complete a circuit are available as described in Section 1.1 preceding. (N) | (N)

7.1 Provision of Special Access Service

Special Access Service provides a dedicated transmission path to connect customer designated premises*, either directly or through a Telephone Company hub, or to connect 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. Special Access Service may also be combined with Switched Access Services in the provision of a customer's interstate communications service (e.g., WATS, 800, 888 or WATS-type Services). Special Access Service includes all exchange access not utilizing Telephone Company central office switches. (D)

Certain Special Access Services listed in this section of the tariff may not be currently offered in all Telephone Company locations but may be provided upon customer request, on an individual case basis, if facilities can be made available with reasonable effort. The Telephone Company will work cooperatively with the Customer to provide the service on a timely basis.

7.1.1 Circuit Types

There are multiple types of circuits used to provide Special Access Services: (T)

- Voice Grade (VG)
- Digital Data (DA)
- High Capacity (HC)

(D)

These circuits can be either analog or digital. Analog circuits are differentiated by frequency spectrum and bandwidth. Digital connections are differentiated by bit rate.

* Telephone Company Centrex CO-like switches are considered to be customer premises for purposes of this tariff.

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.1 Provision of Special Access Service (Cont'd)****7.1.1 Circuit Types (Cont'd)**

Each of the circuits has its own characteristics. All of the circuit types are subdivided by one or more of the following: (D)

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum

The circuit descriptions set forth in this section specify the characteristics of the basic circuit and indicates whether the circuit is provided between customer designated premises, or between a customer designated premises and a Telephone Company hub or between a customer designated premises and a Telephone Company WATS Serving Office. (D)

Customers can order a basic circuit and select from a list of available technical specifications packages (customized or predefined), channel interfaces, and optional features to design a circuit which meets the Customer's specific communications needs. For purposes of ordering circuits, each has been identified as a type of Special Access circuit. However, such identification is not intended to limit a customer's use of the circuit, nor to imply that a circuit is limited to a particular use.

The optional features and functions available with each type of basic Non-Competitive End User Circuit Termination are included in the individual service description sections following. The optional features and functions information also indicates with which technical specifications packages they are available. (C)

When a customized circuit is ordered, the Telephone Company may determine that Additional Engineering is required to meet the customer's request for service. The customer will be notified whether Additional Engineering charges apply and will be given an estimate of the hours to be billed before any further action is taken on the order. Additional engineering charges are determined as set forth in 8.1 following.

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7. Special Access Services (Cont'd)

7.1 Provision of Special Access Service (Cont'd)

7.1.2 Service Configurations

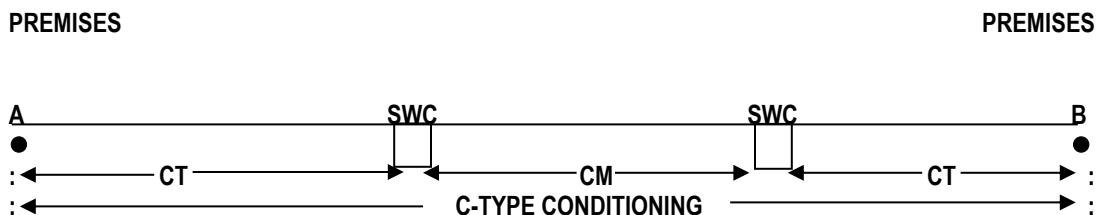
There are two types of service configurations over which Special Access Services are provided: two-point service and multipoint service.

(A) Two-Point Service

A two-point service connects two customer designated premises, either on a directly connected basis or through a hub. A Voice Grade Special Access Circuit may be provided as a two-point service connecting an end user premise and a Telephone Company switch when Special Access is used in conjunction with Switched Access as set forth in 6.3.2(T) for Switched Access Interface Arrangements. (D)

All types of Special Access Service may be provided as two-point service.

The following diagram depicts an example of a two-point Voice Grade service connecting two Non-Competitive (C) End User Circuit Terminations located 15 miles apart. The service is provided with the optional feature of C-Type (C) conditioning.



CT - Circuit Termination
CM - Circuit Mileage
SWC - Serving Wire Center

Applicable rate elements under this tariff are:

- Non-Competitive End User Circuit Termination (2 applicable)
- C-Type Conditioning Optional Feature

(T)

(C)

(D)

In addition, a Special Access Surcharge and charges for additional Optional Features and Functions may apply.

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ACCESS SERVICE**7. Special Access Services (Cont'd)****7.1 Provision of Special Access Service (Cont'd)****7.1.2 Service Configurations (Cont'd)****(B) Multipoint Service**

Multipoint service connects three or more customer designated premises through a Telephone Company hub (i.e., bridging locations). Only certain types of Special Access Service are provided as multipoint service. These are so designated in the Service Descriptions for the appropriate circuit.

The circuit between hubs on a multipoint service is a mid-link and is detariffed. There is no limitation on the number of mid-links, but the use of more than three mid-links in tandem may degrade the quality of multi-point facilities. (C)

Multipoint service utilizing a customized technical specifications package, as set forth in 7.1.3, will be provided when technically possible.

When ordering, the customer will specify the desired bridging hub(s). National Exchange Carrier Association Tariff FCC No. 4 identifies serving wire centers, hub locations and the type of bridging functions available. (Z)

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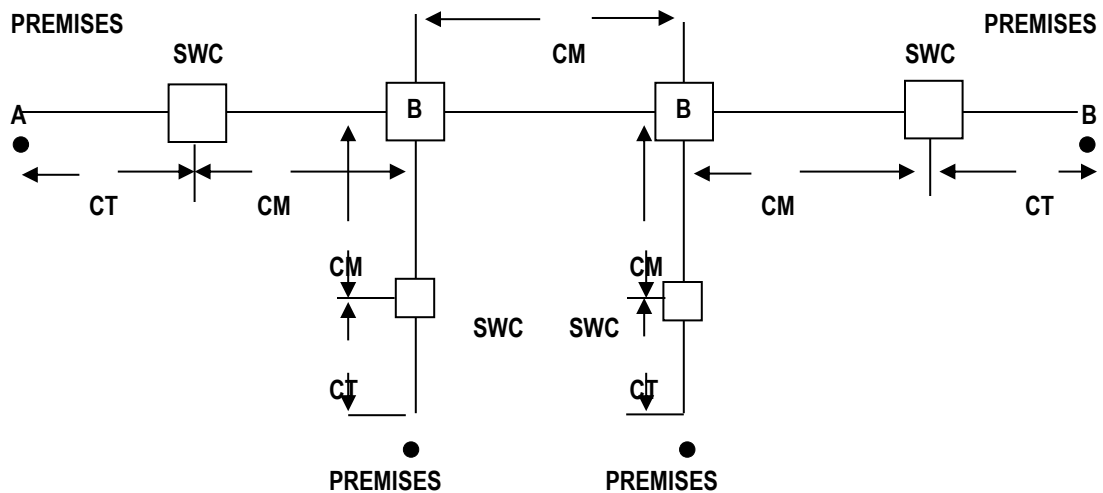
7. Special Access Services (Cont'd)

7.1 Provision of Special Access Service (Cont'd)

7.1.2 Service Configurations (Cont'd)

(B) Multipoint Service (Cont'd)

The following diagram depicts an example of a Voice Grade multipoint service connecting four Non-Competitive End User Circuit Terminations via two customer specified bridging hubs. (C)
(C)



CT - Circuit Termination

CM - Circuit Mileage

B - Bridging

SWC - Serving Wire Center

Applicable rate elements under this tariff are:

- Non-Competitive End User Circuit Termination (4 applicable)

(C)

(C)

(D)

- Bridging Optional Features (6 applicable, i.e., each bridge port)

(D)

In addition, the Special Access Surcharge and charges for other Optional Features and Functions may be applicable.

(D)

ACCESS SERVICE

7. Special Access Services (Cont'd)

7.1 Provision of Special Access Service (Cont'd)

7.1.3 Technical Specifications Packages

Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is included in each individual service description section in 7.5, (T) 7.10, and 7.11 following, in a matrix format with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VGC. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. These two letter codes are shown above in parentheses following the category of Special Access Service.

The letter "C" following the two letter code indicates the technical specifications package for a customized service. A numeric or alpha-numeric designation following the two letter code indicates the specific predefined package. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

All services installed after the effective date of this tariff will conform to the transmission specification standards contained in this tariff or in the following Technical References for each category of service:

Voice Grade	TR-NWT-000335, Issue 3	(D)
		(D)
Digital Data	TR-NWT-000341, Issue 2	(D)
	PUB 62310	
High Capacity	GR-342-CORE, Issue 1	(D)
	GR-54-CORE, Issue 1	(D)

(D)

(D)

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(D)

Effective: May 1, 2001

ACCESS SERVICE

7. Special Access Services (Cont'd)

7.1 Provision of Special Access Service (Cont'd)

7.1.3 Technical Specifications Packages (Cont'd)

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 listed in this provision will be maintained at the performance levels specified in this tariff.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.1 Provision of Special Access Service (Cont'd)****7.1.4 Channel Interfaces**

Channel interfaces at each point of termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical, but communications can only be provided between compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in 9. following, in a combination format.

Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth in 7.1.3 preceding. When a customized circuit is requested, all channel interface combinations available with the specified type of service are available with the customized circuit.

7.1.5 Alternate Use

Alternate Use occurs when a service is arranged by the Telephone Company so that the customer can select different types of transmission at different times. A customer may use a service in any privately beneficial manner. However, where technical or engineering changes are required to effectuate an alternate use, the Telephone Company will make such special arrangements available on an individual case basis.

The arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual case basis and filed in Section 12., Specialized Service or Arrangements. The customer will pay the stated tariff rates for the Access Service rate elements for the service ordered (i.e., Non-Competitive End User Circuit Terminations and Optional Features and Functions [if (C) any]).

7.1.6 Special Facilities Routing

A customer may request that the Special Access used be specially routed. The regulations, rates and charges for Special Facilities Routing are as set forth in Section 11. following.

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.1 Provision of Special Access Service (Cont'd)****7.1.7 Design Layout Report**

At the customer request, the Telephone Company will provide the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. The information will be provided to the customer at no charge in the form of a Design Layout Report and will be reissued or updated whenever the described facilities are materially changed.

7.1.8 Acceptance Testing

At the customer's request, the Telephone Company will cooperatively test, at the time of installation and at no additional charge, the following parameters:

- (A) For Voice Grade analog services, acceptance testing will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise as applicable according to the order for service. Voice Grade services acceptance testing will also include a balance (improved loss) test if the customer has ordered that optional feature.
- (B) For services other than Voice Grade, acceptance tests will include tests for the parameters applicable to the service as specified by the customer in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing and Nonscheduled Testing, as described in 8.4 following, are available at the customer's request. All test results will be made available to the customer upon request.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 Provision of Special Access Service (Cont'd)

7.1.9 Jurisdictional Determination

- (A) Special Access circuits carrying exclusively interstate traffic will be provided in accordance with the applicable rules and regulations of this tariff.

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

- (1) If the customer's estimate of the interstate traffic on the circuit involved constitutes 10% or less of the total traffic on that circuit, the circuit will be 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 circuit involved constitutes more than 10% of the total traffic on that circuit, the circuit will be provided in accordance with the applicable rules and regulations of this tariff.
- (B) If a billing dispute arises or a regulatory commission questions the reported jurisdiction, the Telephone Company will ask the customer to provide the information the customer uses to determine the jurisdiction of the circuit. The customer shall supply the information within 30 days of the Telephone Company request. The customer shall keep records of system design and functions from which the jurisdiction of its special access circuits can be ascertained. Upon request of the Telephone Company the customer shall make the records available for inspection as reasonably necessary for purposes of verification of the reported jurisdiction.
- (C) Customer certification of the jurisdiction of special access circuits is accomplished by indicating the jurisdiction of the circuit (interstate or intrastate) on the Access Service Request. Customer certification of the jurisdiction of special access circuits in place as of the effective date of these revisions shall be provided to the Telephone Company in the form of written correspondence indicating the jurisdiction of each special access circuit.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 Provision of Special Access Service (Cont'd)

7.1.9 Jurisdictional Determination (Cont'd)

(D) Customers reporting a change in the jurisdiction of special access circuits subject to individual case basis (ICB) rates and charges set forth in this tariff will not be subject to termination liability charges unless the change results in the termination of the service.

7.1.10 Reserved for Future Use

(C)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Rate Categories, Applications and Regulations**

Subject to Section 1.1 preceding, this section contains the specific regulations governing the rates and charges that apply to Special Access offered under this tariff.

7.2.1 Rate Categories

The following rate categories apply to Special Access Service offered under this tariff: (T)

- Non-Competitive End User Circuit Terminations (D)
- Optional Features and Functions
- Non Recurring Charges
- Special Access Surcharge
- Special Access Cross Connect
- Term Payment Plan (TPP) - DS1

These rate categories are described in Sections 7.2.1. (A) through (G) following.

Non-Competitive Counties are defined in Section 2.6 and the wire centers within such counties are listed in Section 21.3.

Additionally, rates and charges for detariffed Integrated Optical Service Riders may also apply to Special Access (C)
connected to Integrated Optical Service Riders. (D)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Rate Categories, Applications and Regulations (Cont'd)****7.2.1 Rate Categories (Cont'd)**

The following is a list of the Telephone Company's Open Network Architecture (ONA) Special Access Basic Service (T) Elements (BSEs) which provide a cross-reference to the generic ONA product names.

<u>Generic Name</u>	<u>Telephone Company Name</u>	(T)
Bridging	Bridging	
Conditioning	Conditioning	

(D)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Rate Categories, Applications and Regulations (Cont'd)****7.2.1 Rate Categories (Cont'd)****(A) Circuit Termination**

The Circuit Termination rate category provides for the communications path between an end user customer designated premises and the serving wire center of that premises. Included as part of the Circuit Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in (C) following. One Non-Competitive End User Circuit Termination charge applies per end user customer designated premises at which the circuit is terminated. This charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building. Connection to Telephone Company provided DS1 or DS3 Circuit Terminations within a serving wire center for customers with EIS will require a Special Access Cross Connect arrangement as described in 7.2.1(F). Circuit Termination rates for DS3 High Capacity Services vary with the number of services and/or level of capacity as set forth in Section 7.2.6 following. (C)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

7.2.1 **Rate Categories** (Cont'd)

(B) **Circuit Mileage**

The Circuit Mileage rate category is detariffed.

(N)

(D)

(D)

(D)
(D)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

7.2.1 **Rate Categories** (Cont'd)

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(D)

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7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications, and Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(D)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications, and Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(C) Optional Features and Functions

Optional Features and Functions may be added to a basic Non-Competitive End User Circuit Termination to improve its quality or utility to meet the customer's specific communications requirements. These optional features and functions are identifiable with specific equipment, and represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for a single rate element. (C)

Descriptions for each of the available Optional Features and functions are set forth in Sections 7.5, 7.10 and 7.11 following. Multiplexing functions are detariffed. (T)
(C)

(D) Nonrecurring Charge

Nonrecurring charges are one-time charges that apply for installation of Special Access Services, installation of optional features and functions, and moves and service rearrangements.

(1) Installation of Service

Nonrecurring charges apply to each service installed. The nonrecurring charges for the installation of service are applied per Circuit Termination.

Two levels of charges apply for the installation of a three or twelve capacity DS3 High Capacity system as set forth in Section 7.2.6 (A) following. A nonrecurring charge applies for the first Non-Competitive End User Circuit Termination ordered by the customer and a separate nonrecurring charge will apply to each additional Non-Competitive End User Circuit Termination to be installed within the same three or twelve capacity system between the same customer locations. For individual noncapacity DS3 service, the nonrecurring charge for each installation will apply at the same rate per DS3 Non-Competitive End User Circuit Termination. (C)
(C)

(C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications, and Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(D) Nonrecurring Charge (Cont'd)

(2) Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Non-Competitive End User Circuit Terminations. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of the service. (C) (C)

The optional features for which non-recurring charges apply are:

- Voice Grade Data Capability

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which may be administrative only in nature, or that involve actual physical change to the service. Certain service rearrangements for Special Access are detariffed. Changes to pending orders are set forth in 5.3.1 preceding. (N) (N)

Changes in the type of service will be treated as a discontinuance of the service and an installation of a new service.

Changes in the physical location of the point of termination are treated as moves which are described and charged for as in 7.2.1(D)(4).

- (a) Administrative changes will be made without charge(s) to the customer.

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Rate Categories, Applications, and Regulations (Cont'd)****7.2.1 Rate Categories (Cont'd)****(D) Nonrecurring Charge (Cont'd)****(3) Service Rearrangements (Cont'd)****(a) (Cont'd)**

Administrative changes are as follows:

- Change in name or ownership or transfer of responsibility from one customer to another, provided there is no interruption of use or relocation of Special Access service.
- Change customer's end user premises address when the change of address is not a result of a physical relocation of equipment, (D)
- Change in billing data (name, address, or contact name or telephone number),
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer's end user contact name or telephone number, (D)
- Change of agency authorization, and
- Change in jurisdiction involving no physical changes to the service.

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7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications, and Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(D) Nonrecurring Charge (Cont'd)

(3) Service Rearrangements (Cont'd)

(b) All other service rearrangements will be charged for as follows:

- If the change involves the addition of another termination to an existing two-point or multipoint service, installation charges for each location added will apply.
- If the change involves the addition of an optional feature, the installation charge associated with the optional feature will apply. When the optional feature has no associated nonrecurring charge (or rated at \$.00), one circuit termination nonrecurring charge for the type of service involved (i.e., voice grade circuit termination, DDS circuit termination, etc.) will be applied to the order. (D)
- If the change involves only changing the type of network interface, with no change in facility, the installation charge associated with each service receiving a network interface change will apply. (D)
- If the change involves changing a two-wire service to a four-wire service or vice versa, the installation charge for each location changed will apply.

(D)

(D)

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7. Special Access Service (Cont'd)

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7. Special Access Service (Cont'd)

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7. Special Access Service (Cont'd)

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7. Special Access Service (Cont'd)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Rate Categories, Applications, and Regulations (Cont'd)****7.2.1 Rate Categories (Cont'd)****(D) Nonrecurring Charge (Cont'd)****(4) Moves**

A move involves a change in the physical location of the point of termination of Special Access. A move normally involves an interruption of Special Access for the period required to complete the move. No credit allowance will be granted for that period. Special construction may also be applicable at the different customer premises.

(D)

(D)

The charge for the move depends on whether the move is within the same customer premises or to a different customer premises.

(A) Same CDL

When the move of a termination, as defined in Section 2.1.5, for special access is to a new point within the same customer premises (same address and/or same building), the charge for the move will be the installation charge for the portion of the service being reterminated. There will be no change in the minimum period requirements. For services subject to payment plan regulations, the same payment period will remain in force.

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Rate Categories, Applications, and Regulations (Cont'd)****7.2.1 Rate Categories (Cont'd)****(D) Nonrecurring Charge (Cont'd)****(4) Moves (Cont'd)****(B) Different Customer Premises**

- (1) When the move is to a different customer premises (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 customer premises 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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ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.2 Rate Categories, Applications, and Regulations** (Cont'd)**7.2.1 Rate Categories** (Cont'd)**(E) Surcharge for Special Access Service****(1) General**

Special Access Services provided under this tariff may be subject to the monthly Special Access Surcharge.

(2) Application

The Special Access Surcharge will apply to each interstate Special Access Service that terminates on an end user's PBX or other device where, through a function of the device, the Special Access Service interconnects to the local exchange network. The Surcharge will apply irrespective of whether the interconnection function is performed in equipment located at the customer's premises or in a Centrex CO-type switch.

The monthly Special Access Surcharge applies to special access facilities on a per voice equivalent basis as shown in the following example:

<u>Special Access Facility</u>	<u>Voice Grade Equivalent</u>	<u>Surcharge</u>	<u>Monthly Charge</u>
Group	12 x	\$25	= \$300.00
DS1	24 x	\$25	= \$600.00

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications, and Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(E) Surcharge for Special Access Service (Cont'd)

(2) Application (Cont'd)

In the case of multipoint special access facilities, one Special Access Surcharge will apply for each termination of a special access circuit at an end user's premises.

The Telephone Company will bill the customer who orders the special access facility the Special Access Surcharge per installation unless the facility is exempt from the surcharge as set forth in (3) following.

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(D)

(3) Exemption

The special access facility will be exempted from the monthly surcharge upon receipt of the customer's written certification for the following Special Access Service terminations:

- 1) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or
- 2) an analog circuit termination that is used for radio or television program transmission; or
- 3) a termination used for TELEX service; or
- 4) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines such as terminations which are restricted through hardware or software; or
- 5) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges, such as where the special access facility accesses only FGA and no local exchange lines, or special access facility between customer points of termination, or special access facility connecting CCSA or CCSA-type equipment (inter-machine trunks); or 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 facility to a local exchange subscriber line.

Written certification for exemption must include the reason the service is exempted from the surcharge using the categories of exemption as stated above. An ASR may be used for exemption certification, provided all information as required by this section is included. The Telephone Company will bill the surcharge to all customers who have not provided valid exemption certification.

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ACCESS SERVICE7. **Special Access Service** (Cont'd)7.2 **Rate Categories, Applications, and Regulations** (Cont'd)7.2.1 **Rate Categories** (Cont'd)(E) **Surcharge for Special Access Service** (Cont'd)(3) **Exemption** (Cont'd)

The Telephone Company will cease billing the Special Access Surcharge when certification that the Special Access facility has become exempt from the surcharge, as set forth preceding, is received. If the status of the special access facility was changed prior to the receipt of the exemption certification, the Telephone Company will credit the customer's account, not to exceed ninety days, based on the effective date of the change specified by the customer in the letter of certification.

(4)	<u>Rate</u>	<u>USOC</u>	<u>Monthly Rate</u>
	Surcharge for Special Access Service		
	- Applicable to all jurisdictions of the Issuing Carriers listed on Title Pages 2 and 2.1.		
	- Per Voice Grade Equivalent	S25	\$25.00

(F) **Special Access Cross Connect for EIS**

The Special Access Cross Connect charge provides the communications path between Telephone Company provided DS0 (DDS operating at 64Kbps bandwidths), DS1 or DS3 Circuit Termination or detariffed Circuit Mileage and a (C) 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 19.1. The Special Access Cross Connect is available as DS0, DS1 or DS3 connections. The DS0 Cross Connect can accommodate 64Kbps DDS bandwidth. The Cross Connect arrangement may be connected directly to Telephone company provided 64Kbps DDS, DS0, DS1 or DS3 services or to a Telephone Company provided 64 Kbps DDS, DS0, DS1, or DS3 multiplexing arrangement located in a Telephone Company Hub. The Cross Connect charge applies per DS0 (64Kbps), DS1, or DS3 connection.

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

7.2.1 **Rate Categories** (Cont'd)

(E) **Surcharge for Special Access Service** (Cont'd)

(F) **Special Access Cross Connect for EIS** (Cont'd)

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In addition to the Special Access Cross Connect arrangements described herein, Optical Facility Terminations are available as described in Section 19.2.

Rates for DS0, DS1, and DS3 Cross Connect arrangements listed in Section 7.11.5 and rates for Optical Facility Terminations listed in Section 19.2(E) will apply in addition to the other rates and charges as specified in Section 17.

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications and Regulations

7.2.1 Rate Categories

(G) DS1 Term Payment Plan (TPP)#

(1) Description

The DS1 Term Payment Plan (TPP) allows customers term discounts for DS1 circuit termination. A customer may select this service for either a single state or multi-state level. TPP was offered for a 1, 2, 3, or 5 year service commitment period for the DS1 circuit termination. All TPP DS1 circuit terminations will be billed the same rate, depending on the length of the term selected by the customer. Subject to Section 1.1 preceding, the Telephone Company manages a TPP as a single plan by combining the commitment for DS1 circuit terminations in Competitive and Non-Competitive Counties and applying tariffed and detariffed rates, terms and conditions as applicable. (C)

(2) During the TPP term, a customer may not concurrently subscribe its Special Access DS1 Services to a National Discount Plan as set forth in Section 22 following.

(3) Rate Changes

Decreases in the TPP monthly recurring circuit termination rates will be passed on to subscribers of the plan.

Commitment Levels

To initiate a TPP, on either a single state or multi-state plan, the minimum commitment is as shown below.

Number of States	Minimum Number of Circuit Terminations (both tariffed and detariffed)
1	25
2	50
3	75

Certain material previously found on this page can now be found on 2nd Revised Page 7-30.

Effective May 30, 2019, subscriptions to new 5-Year DS1 TPPs are no longer permitted. Subject to Section 1.1 preceding, the Telephone Company will continue to provide 5-Year DS1 TPPs pursuant to this Section 7.2.1(G) on any existing 5-Year DS1 TPP that was in-service as of May 30, 2019 (Existing 5-Year DS1 TPPs), subject to the following conditions:

- The Telephone Company will continue to provide Existing 5-Year DS1 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 5-Year DS1 TPP is not permitted.

Effective December 1, 2020, subscriptions to new 1-, 2- and 3-Year DS1 TPPs are no longer permitted. Subject to Section 1.1 preceding, the Telephone Company will continue to provide 1-, 2-, and 3-Year DS1 TPPs pursuant to this Section 7.2.1(G) on any existing 1-, 2-, and 3-Year DS1 TPP that was in-service as of December 1, 2020 or any order to 1-, 2- and 3-Year DS1 TPP that was placed with the Telephone Company prior to December 1, 2020 (collectively, Existing 1-, 2-, and 3-Year DS1 TPPs), subject to the following conditions:

- The Telephone Company will continue to provide Existing 1-, 2- and 3-Year DS1 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 1-, 2-, and 3-Year DS1 TPP is not permitted.

(N)

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications and Regulations

7.2.1 Rate Categories

(G) DS1 Term Payment Plan (TPP)#

(3) (Cont'd)

The commitment levels will be met if the customer has the minimum number of DS1 TPP circuit terminations in service. If the customer has committed to more than the minimum number of circuit terminations required, as shown above, an allowance of minus 2% or plus 5% will be considered as having met the commitment level. If the customer disconnects service under its DS1 TPP in order to replace it with a Replacing Service pursuant to Section 2.9 preceding, the terms and conditions for a Technology Migration as set forth in Section 2.9 preceding apply, including the calculation affecting the Annual Review as set forth in Section 2.9.1 preceding. (M)

(4) Changes to Commitment Levels

Written notice must be submitted by the customer to change the commitment level of DS1 circuit terminations. If, as the result of increasing or decreasing the commitment level, service is changed from a TPP to a DS1 standard arrangement, or from a standard arrangement to a TPP arrangement an ASR will be required within 30 days for all services changed. Only one TPP arrangement will be allowed per customer for each term period. Penalties for decreasing the commitment level are discussed in 7.2.1(G)(8).

(5) Reserved

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(D)

Service availability limited. Refer to # footnote on Page 7-29.

Certain material on this page formerly appeared on 4th Revised Page 7-29.

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Rate Categories, Applications and Regulations****7.2.1 Rate Categories****(G) DS1 Term Payment Plan (TPP)#****(T)****(6) Annual Review**

Each customer's TPP will be reviewed annually to determine if the customer met its commitment of TPP DS1 circuit terminations (including any DS1 circuit terminations that were replaced by a Replacing Service using the methodology for a Technology Migration specified in Section 2.9.1 preceding). The customer will be notified in writing as to the status of the TPP. This notification will inform the customer of any TPP DS1 circuit terminations that must be converted. If the customer has increased the number of DS1 circuit terminations from the initial commitment beyond the range specified in 7.2.1(G)(3), he will have the option of increasing the commitment level for the remainder of the plan. If the customer chooses not to increase the commitment level of DS1 circuit terminations for the remaining year(s) of the plan, he must convert the increased number of DS1 circuit terminations to the standard payment plan. The DS1 circuit terminations that are converted to the standard payment plan will not be eligible for reconversion to the TPP for a ten month period. The customer may decrease the commitment level at the time of the annual review and pay the applicable penalties for the amount of DS1 circuit terminations being decreased. The customer will have 30 days from receipt of this notification to convert DS1 circuit terminations.

If the customer does not take action during the 30 day period, the commitment level will be automatically changed to the number of TPP DS1 circuit terminations in effect at the anniversary date. Penalties will apply as set forth in 7.2.1(G)(8).

Service availability limited. Refer to # footnote on Page 7-29.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications and Regulations

7.2.1 Rate Categories

(G) DS1 Term Payment Plan (TPP)# (T)

(7) TPP Conditions

If a DS1 service has two DS1 circuit terminations, to include this service as part of a TPP, both DS1 circuit terminations must be in the TPP.

After enrolling in the plan, the customer may add or delete DS1 circuit terminations rated at the specified term period rate at any time during the plan. For example, if the customer agrees to a 2 year TPP, they may add DS1 circuit terminations at any time at the 2 year TPP rate.

Individual states can not be added or deleted during the plan period.

A customer may subscribe to only one plan for each term period within a given state.

(8) Penalties for Failing To Meet Commitment

When the number of TPP Services at the annual review is less than the acceptable commitment range, the following penalty charges will apply, based on the difference between the commitment level less 2% and the number of TPP services in effect at the annual review. For example, if the commitment level is 100 and the customer has 90 DS1 TPP circuit terminations at time of annual review, the penalties described below will be applied to the difference of 98 (2% less than 100) and 90, which would be 8 in this example.

- (a) The penalties charged during the first year of the TPP will be the full MRC for 4 months plus 10% of the MRC for the remaining number of months.
- (b) The penalties charged during the subsequent years of the TPP will be 10% of the MRC for 4 months plus 10% of the MRC for the remaining number of months.

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(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications and Regulations

7.2.1 Rate Categories

(G) DS1 Term Payment Plan (TPP)#

(9) TPP Nonrecurring Charge

Customers subscribing to a TPP will be assessed a nonrecurring charge per circuit termination. (D)

(10) Changes in Length of a TPP Period

Effective December 1, 2020, changes in length of a TPP period are no longer permitted. (C)

Service availability limited. Refer to # footnote on Page 7-29.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications and Regulations

7.2.1 Rate Categories

(G) DS1 Term Payment Plan (TPP)#

(11) Expiration of a TPP Period (C)

At the expiration of a TPP period, the Telephone Company will convert the customer to a month to month payment (C)
plan. (C)

(D)

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(D)

(12) Upgrade to Higher Speed Service

The customer may upgrade service to a higher speed during a TPP period. The upgraded service will be subject to all appropriate NRCs.

If both of the following conditions exist, the commitment level will be decreased by the number of TPP DS1 circuit terminations that are upgraded to a higher speed service.

- The customer must notify the Telephone Company in writing in addition to the ASR.
- The higher speed service period must be longer in length than the time remaining under the TPP.

(13) Technology Migrations

For customers who subscribe to or renew their subscription to a DS1 TPP on or after December 2, 2010, the customer may disconnect a DS1 Circuit Termination included in the DS1 TPP in order to replace such DS1 Circuit Termination with a Replacing Service pursuant to Section 2.9 preceding.

For customers who subscribed to a DS1 TPP prior to December 2, 2010, Section 7.2.1(G)(12) preceding includes replacements of DS1 Circuit Terminations with Telephone Company provided Ethernet private line service or a Telephone Company provided switched Ethernet service of a higher speed. However, the customer may, at its option, replace a DS1 Circuit Termination with a Replacing Service pursuant to Section 2.9 preceding in lieu of Section 7.2.1(G)(12) preceding.

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications and Regulations**

7.2.1 **Rate Categories**

(D)

(D)

(D)

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7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications and Regulations

(D)

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7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications and Regulations

(D)

(D)

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7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications and Regulations

(D)

(D)

ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.2 Rate Categories, Applications, and Regulations (Cont'd)

7.2.2 Minimum Periods

The minimum service period for all services except High Capacity DS3 services is one month. The minimum (D) period for High Capacity DS3 Service is that period requested by the customer as set forth in Section 7.2.6 (B) following.

The minimum service periods for High Capacity DS3 Services and High Capacity DS1 Services that are included in a National Discount Plan are set forth in Section 22.1.8 following.

7.2.3 Application of Rates

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(D)

(A) Monthly Rates

Monthly rates are flat recurring rates 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.

ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.2 Rate Categories, Applications, and Regulations (Cont'd)

7.2.4 Facility Hubs

(D)

A customer has the option of ordering Voice Grade facilities or High Capacity facilities (i.e., DS1 or DS3) to a facility hub for multiplexing to individual services of a lower capacity or bandwidth (e.g., Voice, etc.). Additionally, the customer may specify optional features for the individual circuits derived from the facility to further tailor the circuit to meet specific communications requirements.

(D)

(D)

ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.2 Rate Categories, Applications, and Regulations** (Cont'd)**7.2.4 Facility Hubs** (Cont'd) (D)

Point to point services may be provided on circuits of these facilities to a hub. The transmission performance for the point to point service provided between the customer designated premises will be that of the lower capacity or bit rate.

The Telephone Company will commence billing the monthly rate for the facility to the hub on the date specified by the customer on the Access Service Request. The customer will be billed for a High Capacity or Voice Grade Circuit Termination, detariffed Circuit Mileage, Special Access Cross Connect and the detariffed multiplexer for the service at the time the facility is installed. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the hub or may be ordered and/or installed at a later date, at the option of the customer. Individual service rates (by service type) will apply for a Circuit Termination and additional detariffed Circuit Mileage (as required) for each channelized service. These will be billed to the customer as each individual service is installed. (C)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications, and Regulations (Cont'd)

7.2.5 Shared Use Analog and Digital High Capacity Services

Shared use occurs when Special Access Service and Switched Access Service are provided over the same High Capacity Special Access facility through a common interface. (T)
(T)

The Special Access monthly rate for the Circuit Termination, Circuit Mileage, if applicable and multiplexer will apply, regardless of whether any individual channels of the shared Special Access facility are used for Special Access Service, Switched Access Service, or any other type of service. The practice known as "ratcheting" (to apply non-Special Access rates on a proportional basis) shall not apply in any circumstance. (C)
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(C)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Rate Categories, Applications, and Regulations (Cont'd)****7.2.6 DS3 High Capacity (D)**

- (A) A DS3 (44.736Mbps) High Capacity Circuit Termination may be ordered as an Individual System. A Circuit Termination may be ordered with an electrical or optical interface. (C)

DS3 Circuit Terminations 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 Circuit Termination.

Circuit Mileage, as applicable, is detariffed.

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(D)

3-System#

(T)

The 3-System allows the same customer, between the same CDL and the serving wire center, to order additional DS3 Circuit Terminations, up to a maximum of two. Additional Circuit Terminations may only be added with the same interface, electrical or optical, as the First System. The appropriate NRC is applied per Circuit Termination.

Circuit Mileage, as applicable, is detariffed.

(T)

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(D)

- # Availability limited. Refer to # footnote on Page 7-44. (N)

(D)

(D)

ACCESS SERVICE

7. **Special Access Service** (Cont'd)
 7.2 **Rate Categories, Applications, and Regulations** (Cont'd)
 7.2.6 **DS3 High Capacity** (Cont'd)
 (A) (Cont'd)
12-System#

(T)

The 12-System allows the same customer, between the same CDL and the serving wire center, to order additional DS3 Circuit Terminations, with a maximum of eleven. Additional Circuit Terminations may only be added with the same interface, electrical or optical, as the First System. The appropriate NRC is applied per Circuit Termination.

Circuit Mileage, as applicable, is detariffed.

- (B) Minimum Service Periods#

Individual System DS3s are offered under a 1-year minimum service period. Prior to December 1, 2020, DS3s were offered under four minimum service periods, each with different rate levels. The minimum service periods were 1, 3#, 5# and 7# years. Each DS3 Circuit Termination of a two-point DS3 service must have the same minimum service period. (C)

The minimum service periods for Special Access DS3 Service and Special Access DS1 Service that are included in a National Discount Plan are set forth in Section 22.1.8 following.

(D)

(D)

- # Effective December 1, 2020, orders for new DS3s with 3-year commitment periods are no longer permitted. The Telephone Company will continue to provide DS3s with 3-year commitment periods pursuant to this Section 7.2.6 on any existing DS3s with 3-year commitment periods that are in-service as of December 1, 2020, or any order for DS3s with 3-year commitment periods that are placed with the Telephone Company prior to December 1, 2020 (collectively, Existing 3-year DS3s), subject to the following conditions: (N)

- The Telephone Company will continue to provide Existing 3-year DS3s until (i) the customer discontinues its Existing 3-year DS3; or (ii) the current commitment period expires, whichever comes first.
- Renewals of Existing 3-year DS3s are not permitted. (N)

Effective May 30, 2019, orders for new DS3s with 5- or 7-year commitment periods are no longer permitted. The Telephone Company will continue to provide DS3s with 5- and 7-year commitment periods pursuant to this Section 7.2.6 on any existing DS3s with 5- and 7-year commitment periods that are in-service as of May 30, 2019, or any order for DS3s with 5- or 7-year commitment periods that are placed with the Telephone Company prior to May 30, 2019 (collectively, Existing 5-year and 7-year DS3s), subject to the following conditions: (T)

- The Telephone Company will continue to provide Existing 5- and 7-year DS3s until (i) the customer discontinues its 5-year or 7-year DS3; or (ii) the current commitment period expires, whichever comes first.
- Renewals of Existing 5-year and 7-year DS3s are not permitted.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications, and Regulations (Cont'd)

7.2.6 DS3 High Capacity (Cont'd)

(C) Expiration of Service Periods

At the expiration of a service commitment period, the Telephone company will convert the customer to an Individual System DS3 with a 1-year minimum service period. All terms and conditions, including subsequent Termination Liabilities will apply to the new DS3 Period.

(C)
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(C)

ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.2 Rate Categories, Applications, and Regulations** (Cont'd)**7.2.6 DS3 High Capacity** (Cont'd)**(D) Discontinuance Without Liability - DS3 Minimum Service Period**

Rates for DS3 service may vary during the minimum service period; however, for DS3 Minimum Service Periods established prior to December 17, 2019, should the recurring charges for a customer's DS3 service increase, in aggregate, by more than 10% from the original recurring charges during the minimum service period, the customer may, at their option, terminate the DS3 service without penalty or liability. (C) (C)

The customer may cancel the minimum service period of a DS3 Service that is provided under this Section 7.2.6 in order to replace the DS3 Service with a Replacing Service pursuant to the Technology Migration regulations set forth in Section 2.9 preceding.

(E) Discontinuance With Liability - DS3 Minimum Service Period

When a DS3 service is discontinued prior to the end of the minimum service period, the customer will be liable for a percentage of the total monthly charges for the remaining portion of the minimum service period. This charge will be based on the rates in effect at the time of disconnect. The customer's total liability is dependent upon the number of months remaining within the year that the service is discontinued times the liability rate for that year plus the total monthly charges for each annual period remaining in the minimum service period times the applicable liability rate. The liability rates for each year of the minimum service period are as follows:

<u>Year In Which Service Is Discontinued</u>	<u>Liability Rate</u>
1	45%
2	30%
3	25%
4	20%
5	15%
6	10%
7	5%

For example, if a customer with a three year minimum service period discontinues DS3 service after six months within the 1st year, the customer will be liable for 45% of the total monthly charges for six months, 30% of the total monthly charges for the 2nd year, 25% of the total monthly charges for the 3rd year.

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

7.2.6 **DS3 High Capacity** (Cont'd)

(F) (Reserved for Future Use)

(G) Upgrades

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(D)

Technology Migration

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A customer subscribing to DS3 High Capacity Service under a minimum service period may disconnect such DS3 High Capacity Service in order to replace it with a Replacing Service pursuant to the Technology Migration regulations set forth in Section 2.9 preceding.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications, and Regulations (Cont'd)

7.2.6 DS3 High Capacity (Cont'd)

(H) Downgrade to a Smaller Capacity System

Downgrades from a larger capacity system to a smaller capacity system will not be allowed without the full assessment of the liabilities described in (E) preceding for the original larger system, plus the full application of all charges for the smaller system. Credit will not be given for any number of months the original system was maintained. A new minimum service period will be required for the smaller capacity system.

(I) Service Disconnect

When a customer requests the disconnect of a DS3 service in the three/twelve capacity system, the disconnect steps are applied on a last in, first out basis. When only the First DS3 service exists on a three/twelve capacity system, that service will be disconnected.

(D)

(D)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

7.2.6 **DS3 High Capacity** (Cont'd)

(D)

(D)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

7.2.7 **Reserved for Future Use**

(C)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

(D)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.2 **Rate Categories, Applications, and Regulations** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.3 **(Reserved for Future Use)**

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.3 **(Reserved for Future Use)**

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.3 **(Reserved for Future Use)**

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.3 **(Reserved for Future Use)**

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Washington, DC 20005 (T)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.4 **(Reserved for Future Use)**

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

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7. **Special Access Service** (Cont'd)

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7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.5 Voice Grade Service#****7.5.1 Basic Circuit Description**

A Voice Grade Circuit is a circuit which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Effective 2-wire and 4-wire circuits are available as an Optional Feature and Function. Voice Grade circuits are provided between customer designated premises or between a customer designated premises and a Telephone Company hub.

Voice Grade Service may be ordered in conjunction with Switched Access services as set forth in Section 6.3.2 preceding to provide access for a customer's communications service (e.g., WATS, 800, 888, or WATS-type service). When the customer orders the Switched Access Interface Arrangement, Voice Grade Circuits provide voice frequency transmission capability between an end user premises and a WATS Serving Office (WSO). All applicable Special Access rates and charges apply (including Optional Features and Functions charges). Technical Specifications and Optional Features and Functions available with this arrangement are indicated under Package VG-SI in 7.5.5 following.

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or (C) modifications to this service will no longer be supported. Service modifications for customers with existing | contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, | please refer to Section 21 of this Tariff. (C)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.5 Voice Grade Service# (Cont'd)****7.5.2 Technical Specifications Packages**

Parameter	Package VG-													
	C*	1	2	3	4	5	6	7	8	9	10	11	12	SI
Attenuation														
Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X	X		X		X	X		X	X	X	X
Envelope Delay														
Distortion	X					X	X	X	X	X	X	X	X	X
Frequency Shift	X					X	X	X	X	X	X	X	X	X
Impulse Noise	X				X	X	X	X	X	X	X	X	X	X
Intermodulation														
Distortion	X					X	X	X	X	X	X	X	X	X
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Phase Hits, Gain														
Hits, and Dropouts	X													
Phase Jitter	X					X	X	X	X	X	X	X	X	X
Return Loss														X
Signal-to-C														
Message Noise					X									
Signal-to-C														
Notch Noise	X				X	X	X	X	X	X	X	X	X	X

The technical specifications for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference TR-NWT-000335, Issue 3, and associated Addendum.

*

The desired parameters are selected by the customer from the list of available parameters.

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or (C) modifications to this service will no longer be supported. Service modifications for customers with existing | contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, | please refer to Section 21 of this Tariff. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Service# (Cont'd)

7.5.3 Channel Interfaces

The following channel interfaces for Voice Grade service do not require signaling capability: AH, DA, DB, DD, DE DS, NO, PR and TF.

The following channel interfaces for Voice Grade service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV, and SF.

Compatible channel interfaces are set forth in 9. following.

7.5.4 Optional Features and Functions

(1) Central Office Bridging Capability

- (a) Voice Bridging (two-wire or four-wire)
- (b) Data Bridging (two-wire or four-wire)
- (c) Dataphone Select-A-Station Bridging with sequential arrangement ports or addressable arrangement ports
- (d) Telemetry and Alarm Bridging, Passive Bridging, Summation-Active Bridging

(2) (Reserved for Future Use)

(3) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services. C-Type conditioning controls attenuation distortion and envelope delay distortion. Sealing Current helps maintain continuity on dry metallic loops.

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each end link. C-Type conditioning and Data Capability may be combined on the same service.

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or (C) modifications to this service will no longer be supported. Service modifications for customers with existing | contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, | please refer to Section 21 of this Tariff. (C)

ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.5 Voice Grade Service#** (Cont'd)**7.5.4 Optional Features and Functions** (Cont'd)**(3) Conditioning** (Cont'd)**(a) C-Type Conditioning**

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are delineated in Technical Reference TR-NWT-000335, Issue 3.

(b) Improved C-Type Conditioning

Improved C-Type Conditioning options are provided in conjunction with C-Type Conditioning at the rates set forth in Section 7.5.5 following. The C-Type Conditioning rate shall apply only once regardless if one or both of the following Improved Options are ordered.

(i) Improved Attenuation Distortion

Improved Attenuation Distortion upgrades the frequency versus loss limits of the channel. The technical specifications for Improved Attenuation Distortion are delineated in Technical Reference TR-NWT-000335, Issue 3. This option is provided in conjunction with C-Type conditioning.

(ii) Improved Envelope Delay Distortion

Improved Envelope Delay Distortion upgrades the frequency versus delay response limits of the channel. The technical specifications for Improved Envelope Delay Distortion are delineated in Technical Reference TR-NWT-000335, Issue 3. This option is provided in conjunction with C-Type conditioning.

(c) Sealing Current

Sealing Current Conditioning is provided to help maintain continuity on dry metallic loops. It is usually associated with four-wire DA or NO type channel interfaces.

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or (C) modifications to this service will no longer be supported. Service modifications for customers with | existing contracts are subject to the terms of their contracts. For wire centers specific service | withdrawal information, please refer to Section 21 of this Tariff. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Service# (Cont'd)

7.5.4 Optional Features and Functions (Cont'd)

(4) Customer Specified Premises Receive Level

This option allows the customer to specify the receive level at the Point of Termination. This level must be within a specific range on effective four-wire transmission. The ranges are delineated in Technical Reference TR-NWT-000335, Issue 3.

(5) Improved Return Loss

(a) On Effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each two-wire port): Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Return Loss parameters are delineated in Technical Reference TR-NWT-000335, Issue 3.

(b) On Effective Four-Wire Transmission at Two-Wire Point of Termination: Provides for more stringent Echo Control specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The Improved Return Loss parameters are delineated in Technical Reference TR-NWT-000335, Issue 3.

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or (C) modifications to this service will no longer be supported. Service modifications for customers with existing | contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, | please refer to Section 21 of this Tariff. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Service# (Cont'd)

7.5.4 Optional Features and Functions (Cont'd)

(6) Data Capability

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability provides for the control of Signal to C-Notched Noise Ratio and intermodulation distortion. It is available for two-point services or multipoint services.

The Signal to C-Notched Noise Ratio and intermodulation distortion parameter for Data Capability are:

- Signal to C-Notched Noise Ratio is greater than or equal to 32dB Intermodulation distortion
- Signal to second order modulation products (R2) is greater than or equal to 38dB
- Signal to third order modulation products (R3) is greater than or equal to 42 dB

When a service equipped with Data Capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

(7) (Reserved)

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or (C) modifications to this service will no longer be supported. Service modifications for customers with existing | contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, | please refer to Section 21 of this Tariff. (C)

ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.5 Voice Grade Service#** (Cont'd)**7.5.4 Optional Features and Functions** (Cont'd)**(8) Signaling Capability**

Signaling Capability provides for the ability to transmit signals from one customer premises to another customer premises on the same service.

(9) (Reserved)**(10) (Reserved)****(11) Four-Wire/Two-Wire Conversions**

The term "Effective 2-Wire" denotes a condition which permits the simultaneous transmission in both directions over a channel, but it is not possible to insure independent information transmission in both directions. Effective 2-wire channels may be terminated with 2-wire or 4-wire interfaces.

The term "Effective 4-Wire" denotes a condition which permits the simultaneous independent transmission of information in both directions over a channel. The method of implementing effective 4-wire transmission is at the discretion of the Telephone Company (physical, time domain, frequency-domain separation or echo cancellation techniques). Effective 4-wire channels may be terminated with a 2-wire interface at the customer's premises. However, when terminated 2-wire, simultaneous independent transmission cannot be supported because the two wire interface combines the transmission paths into a single path.

When a customer requests that an effective four-wire circuit be terminated with a two-wire circuit interface at the customer designated premises, a four-wire to two-wire conversion is required. The customer will be charged the 4-wire Circuit Termination rate when an effective four-wire is specified in the customer's order. The rate for the conversion is included as part of the basic Circuit Termination rate.

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or (C) modifications to this service will no longer be supported. Service modifications for customers with existing | contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, | (C) please refer to Section 21 of this Tariff.

ACCESS SERVICE

7. Special Access Service (Cont'd)7.5 Voice Grade Service## (Cont'd)7.5.4 Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package VG-													
	<u>C*</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>SI</u>
C-Type Conditioning	X						X	X	X	X	X	X		
Central Office														
Bridging Capability	X		X			X	X				X	X	X	
Customer Specified														
Premises Receive														
Level	X		X	X				X	X	X				
Data Capability	X						X	X			X			
Improved Return Loss														
-For Effective Four-														
Wire Transmission	X	X	X	X	X	X	X	X	X	X	X	X	X	X
-For Effective Two-														
Wire Transmission	X		X	X				X						X
Sealing Current														
Conditioning	X						X							
Signaling Capability	X	X	X	X				X	X	X				#

(#) Signaling is provided in conjunction with Switched Access as set forth in 6.3.2(T) preceding.

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.5 Voice Grade Service# (Cont'd)****7.5.5 Rates and Charges**

- (A) Circuit Termination
- Per Point of Termination
- USOC - TME2X, 2-Wire

<u>Jurisdiction</u>	<u>2-Wire Monthly Rates</u>	<u>2-Wire Nonrecurring Charges</u>
Pennsylvania Price Cap	\$ 14.95	200.00
Virginia Price Cap	28.21	200.00

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ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.5 Voice Grade Service#** (Cont'd)**7.5.5 Rates and Charges** (Cont'd)

- (A) Circuit Termination (Cont'd)
- Per Point of Termination
 - USOC - TME4X, 4-Wire

<u>Jurisdiction</u>	<u>4-Wire Monthly Rates</u>	<u>4-Wire Nonrecurring Charges</u>
Pennsylvania Price Cap	\$ 22.82	200.00
Virginia Price Cap	40.95	200.00

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.5 Voice Grade Service# (Cont'd)****7.5.5 Rates and Charges (Cont'd)****(C) Optional Features and Functions**

	<u>Jurisdiction</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
	<u>Pennsylvania and Virginia</u>			
(1)	<u>Bridging</u>			
(a)	<u>Voice Bridging</u>			
	- Per port			
	- Two-Wire			
	Price Cap	BCNV2	8.00	None
	- Four-Wire			
	Price Cap	BCNV4	8.00	None
(b)	<u>Data Bridging</u>			
	- Per Port			
	- Two-Wire			
	Price Cap	BCND2	8.00	None
	- Four-Wire			
	Price Cap	BCND4	8.00	None
(c)	<u>Telephoto Bridging</u>			
	- Per port			
	- Two-Wire			
	Price Cap	BCNF2	8.00	None
	- Four-Wire			
	Price Cap	BCNF4	8.00	None

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.5 Voice Grade Service# (Cont'd)****7.5.5 Rates and Charges (Cont'd)****(C) Optional Features and Functions (Cont'd)**JurisdictionUSOCMonthly
RatesNonrecurring
ChargePennsylvania and
Virginia**(1) Bridging (Cont'd)****(d) DATAPHONE Select-A-Station Bridging**

Sequential Arrangement Ports

- Per Circuit Connected

- 2-Wire

Price Cap

DQ2

21.23

None

- 4-Wire

Price Cap

DQ4

112.80

None

Addressable
Arrangement Ports

- Per Circuit Connected

- 2-Wire

Price Cap

KQ2

22.76

None

- 4-Wire

Price Cap

KQ4

115.88

None

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.5. Voice Grade Service# (Cont'd)****7.5.5 Rates and Charges (Cont'd)****(C) Optional Features and Functions (Cont'd)**

	<u>Jurisdiction</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
	<u>Pennsylvania and Virginia</u>			
(1)	<u>Bridging (Cont'd)</u>			
(e)	<u>Telemetry and Alarm Bridging</u>			
	Active Bridging			
	Circuit Connections			
	- Per Circuit Connected			
	- Split Band			
	Price Cap	CNLRX	8.04	None
	- Summation			
	Price Cap	BCNSA	1.37	None
	Passive Bridging			
	Circuit Connections			
	- Per Circuit Connected			
	Price Cap	BCNTP	0.20	None

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.5. Voice Grade Service# (Cont'd)****7.5.5 Rates and Charges (Cont'd)****(C) Optional Features and Functions (Cont'd)**

	<u>Jurisdiction</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
	<u>Pennsylvania and Virginia</u>			
(2)	Conditioning			
	- Per Point of Termination			
(a)	C - Type	X1CPT		
	Price Cap		11.12	None
(b)	Improved C-Type Conditioning Options			
	- Improved Attenuation Distortion			
		UHW	*	None
	- Improved Envelope Delay Distortion			
		UHY	*	None
(c)	Sealing Current	1HBPT	None	None
(3)	Improved Return Loss for Effective Four-Wire Transmission			
	- Per Point of Termination			
	- Two-Wire	1RL2W		
	Price Cap		3.75	None
	- Four-Wire	1RL4W		
	Price Cap		3.75	None
(4)	Customer Specified Receive Level			
	- Per Two-Wire Point of Termination			
	Price Cap	RLS	None	None

* Applied at the same rate as C-Type Conditioning regardless if one or both Improved C-Type options are ordered.

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.5 Voice Grade Service# (Cont'd)****7.5.5 Rates and Charges (Cont'd)**

(C)

Optional Features
and Functions (Cont'd)

	<u>Jurisdiction</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
	<u>Pennsylvania and Virginia</u>			
(5)	(Reserved for Future Use)			
(6)	Data Capability - Per Point of Termination Price Cap	XDCPT	2.00	0.00
(7)	Telephoto Capability - Per Point of Termination Price Cap	XTCPT	2.81	0.00
(8)	Signaling Capability - Per Point of Termination Price Cap	XSS++	16.51	None

- In lieu of ++, substitute
appropriate two digit code
from following list to
specify type of signaling.

AB	EX	RV
AC	GO	SF
CT	GS	
DX	LA	
DY	LB	
EA	LO	
EB	LR	
EC	LS	

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ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.5 Voice Grade Service#** (Cont'd)**7.5.5 Rates and Charges** (Cont'd)

	<u>Jurisdiction</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
	<u>Pennsylvania and Virginia</u>			
(C)	Optional Features and Functions (Cont'd)			
(9)	Selective Signaling Arrangement			
	- Per Arrangement Price Cap	USZ	\$32.11	None

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7. Special Access Service (Cont'd)

7.10 Digital Data Service#

7.10.1 Basic Circuit Description

A Digital Data circuit is a circuit for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56, or 64 Kbps. The actual bit rate is a function of the channel interface selected by the customer. The circuit provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data circuits are only available via Telephone Company designated hubs and are provided between customer designated premises or between a customer designated premises and a Telephone Company hub.

The customer may provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Digital Data circuit at the customer premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1, Issue II.

7.10.2 Technical Specifications Packages

<u>Parameter</u>	<u>Package DA</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Error-Free Seconds	X	X	X	X

The Telephone Company will provide a circuit capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds while the circuit is in service, if it is measured through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62310.

Voltages which are compatible with Digital Data Service are delineated in Technical Reference TR-NWT-000341, Issue 2.

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or (C) modifications to this service will no longer be supported. Service modifications for customers with existing | contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, | please refer to Section 21 of this Tariff. (C)

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Cancels 3rd Revised Page 7-108

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ACCESS SERVICE**7 Special Access Service** (Cont'd)**7.10 Digital Data Service**[#] (Cont'd)**7.10.3 Channel Interfaces**

The following channel interfaces (CIs) define the bit rates that are available for a Digital Data circuit.

<u>CI</u>	<u>Bit Rate</u>
DU-24	2.4 Kbps
DU-48	4.8 Kbps
DU-96	9.6 Kbps
DU-19	19.2 Kbps
DU-565	56 Kbps
DU-64	64 Kbps

Compatible channel interfaces are set forth in 9. following.

7.10.4 Optional Features and Functions

- (1) Central Office Bridging Capability
- (2) (Reserved)

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or (C) modifications to this service will no longer be supported. Service modifications for customers with existing | contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, | please refer to Section 21 of this Tariff. (C)

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ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.10 Digital Data Service**# (Cont'd)**7.10.5 Rates and Charges**

- (A) Circuit Termination
- Per Point of Termination
- USOC - TMECS

<u>Jurisdiction</u>	<u>2.4, 4.8 & 9.6 Kbps</u>		<u>19.2 Kbps</u>	
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Pennsylvania Price Cap	\$121.98	250.00	\$121.98	250.00
Virginia Price Cap	121.98	250.00	121.98	250.00

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or (C) modifications to this service will no longer be supported. Service modifications for customers with existing | contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, | (C) please refer to Section 21 of this Tariff.

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.10 Digital Data Service# (Cont'd)****7.10.5 Rates and Charges (Cont'd)****(A) Circuit Termination (Cont'd)**

- Per Point of Termination
- USOC - TMECS

<u>Jurisdiction</u>	<u>56.0 Kbps</u>		<u>64 Kbps</u>	
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Pennsylvania Price Cap	\$121.98	250.00	\$121.98	250.00
Virginia Price Cap	148.03	250.00	148.03	250.00

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or (C) modifications to this service will no longer be supported. Service modifications for customers with existing | contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, | please refer to Section 21 of this Tariff. (C)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.10 **Digital Data Service#** (Cont'd)

(T)

7.10.5 **Rates and Charges** (Cont'd)

(B) Reserved for Future Use

(S)(x)

(S)(x)

(x) Reissued material became effective December 17, 2019 under Transmittal No. 1400.

Service availability limited. Refer to # footnote on Page 21-13.

(N)

(This page filed under Transmittal No. 1402.)

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Cancels 15th Revised Page 7-112

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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(D)

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8th Revised Page 7-113
Cancels 7th Revised Page 7-113

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.10 Digital Data Service# (Cont'd)****7.10.5 Rates and Charges (Cont'd)****(C) Optional Features and Functions**

	<u>Jurisdiction</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
	Pennsylvania, and Virginia			
(1)	Bridging - Per Port			
	Price Cap	BCNDA	11.00	None
(2)	(Reserved)			

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or (C) modifications to this service will no longer be supported. Service modifications for customers with existing | contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, | please refer to Section 21 of this Tariff. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Service

(D)

7.11.1 Basic Circuit Description

A High Capacity circuit is a circuit for the transmission of nominal 64.0 kbps, 1.544, or 44.736 Mbps isochronous serial data. The actual bit rate is a function of the channel interface selected by the customer. High Capacity circuits are provided between customer designated premises or between a customer designated premises and a Telephone Company hub. 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. High Capacity circuits 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 customer may provide the Network Channel Terminating Equipment associated with the High Capacity circuit at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1, Issue II.

Channel mileage and multiplexing functions for High Capacity circuits are detariffed.

(N)

7.11.2 Technical Specifications Packages

<u>Parameter</u>	<u>Package HC</u>		
	<u>0</u>	<u>1</u>	<u>3</u>
Error-Free Seconds		X	

A circuit with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference GR-54-CORE, Issue 1.

Available only as a circuit of a 1.544 Mbps facility to a Telephone Company Digital Data hub or as a cross connect of two 2.4, 4.8, 9.6, 56.0 or 64.0 kbps circuits of two 1.544 Mbps facilities to a Digital Data hub(s). The customer must provide system and channel assignment data.

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Cancels Original Page 7-115

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.3 Channel Interfaces**

The following channel interfaces (CIs) define the bit rates that are available for a High Capacity circuit:

<u>CI</u>	<u>Bit Rate</u>
DS-15*	1.544 Mbps (DS1)

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(D)

DS-44	44.736 Mbps (DS3)
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(D)

Compatible channel interfaces are set forth in 9.3.5 following.

7.11.4 Optional Features and Functions

(1) (Reserved for Future Use)

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(2) (Reserved for Future Use)

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* A 64.0 kbps circuit is available as a circuit(s) of a 1.544 Mbps facility to a Telephone Company hub.

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

- ### 7.11 High Capacity Service (Cont'd)

- #### 7.11.4 Optional Features and Functions (Cont'd)

- (3) Reserved for Future Use (C)

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7. Special Access Service (Cont'd)

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(D)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity Service** (Cont'd)

7.11.4 **Optional Features and Functions** (Cont'd)

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(D)

(4) **Clear Channel Capability (CCC)**

CCC provides a Bipolar with Eight Zero Substitution (B8ZS) encoding technique that allows a customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps High Capacity Channel with no restraint on the quantity or sequence of one (mark) and zero (space) bits. This arrangement allows customers to derive 64 kbps clear channels. This service is provided only on 1.544 Mbps High Capacity Channels between two customer designated premises and is subject to availability of facilities. This arrangement requires the customer-provided multiplexing equipment to be compatible with the B8ZS line code as specified in Technical Reference GR- 54-CORE, Issue 1, and Technical Reference GR- 342-CORE, Issue 1.

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.4 Optional Features and Functions (Cont'd) (T)**

- (5) The following table shows the technical specifications packages with which the optional features and functions are available.

Available with Technical
Specifications Package HC-
0 1 3

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(D)

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(D)

Clear Channel Capability

X

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.5 Rates and Charges****(A) Circuit Termination - High Capacity DS1**

- Per Point of Termination

- USOC - TMECS

1.544 Mbps

<u>Jurisdiction</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
Pennsylvania Price Cap	\$243.76	450.00	(I)
Virginia Price Cap	271.51	450.00	(I)

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ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.11 High Capacity Service** (Cont'd)**7.11.5 Rates and Charges** (Cont'd)

- (B) Circuit Termination - High Capacity DS1 Term Payment Plan#
- Per Point of Termination

<u>Jurisdiction</u>	<u>Nonrecurring Charge</u>	<u>One Year Monthly Rate</u>	
USOC		EUU21	
Pennsylvania Price Cap	450.00	\$223.25	(I)
Virginia Price Cap	450.00	223.25	(I)

Service availability limited. Refer to # footnote on Page 7-29.

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.5 Rates and Charges (Cont'd)****(B) Circuit Termination - High Capacity DS1 Term Payment Plan# (Cont'd)
- Per Point of Termination**

<u>Jurisdiction</u>	<u>Two Year Monthly Rate</u>	<u>Three Year Monthly Rate</u>	<u>Five Year Monthly Rate</u>	
USOC	EUU22	EUU23	EUU25	
Pennsylvania Price Cap	\$217.21	\$211.18	\$180.52	(R)
Virginia Price Cap	217.21	211.18	180.52	(R)

Service availability limited. Refer to # footnote on Page 7-29.

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity Service** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

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(D)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity Service** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity Service** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

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(D)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity Service** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

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(D)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity Service** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity Service** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

(D)

(D)

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ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.11 High Capacity Service** (Cont'd)**7.11.5 Rates and Charges** (Cont'd)**(E) Circuit Termination - High Capacity DS3**
- Per Point of Termination**(1) Individual DS3 - Noncapacity System**

<u>Jurisdiction</u>	<u>Nonrecurring</u>	<u>One Year</u>
<u>USOC</u>	<u>Charge</u>	<u>Monthly Rate</u>
		<u>SLHA1</u>

Pennsylvania		
Price Cap	1,000.00	4,546.00

Virginia		
Price Cap	1,000.00	3,840.00

(I)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.5 Rates and Charges (Cont'd)**(E) Circuit Termination - High Capacity DS3 (Cont'd)
- Per Point of Termination

(1) Individual DS3 - Noncapacity System

<u>Jurisdiction</u> USOC	<u>Three Year# Monthly Rate</u> SLHA3	<u>Five Year# Monthly Rate</u> SLHA5	<u>Seven Year# Monthly Rate</u> SLHA7	
Pennsylvania Price Cap	3,069.00	2,725.00	2,571.00	
Virginia Price Cap	2,400.00	2,040.00	1,920.00	(I)

Service availability limited. Refer to # footnote on Page 7-44.

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.5 Rates and Charges (Cont'd)**

(E) Circuit Termination - High Capacity DS3 (Cont'd)
- Per Point of Termination

(2) Three Capacity System#
- First DS3

(T)

<u>Jurisdiction</u> USOC	<u>Nonrecurring</u> <u>Charge</u>	<u>One Year</u> <u>Monthly Rate</u> SLHB1
-----------------------------	--------------------------------------	---

Pennsylvania
Price Cap

2,500.00

5,187.00

Virginia
Price Cap

2,500.00

4,700.00

Service availability limited. Refer to # footnote on Page 7-44.

(N)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.5 Rates and Charges (Cont'd)**(E) Circuit Termination - High Capacity DS3 (Cont'd)
- Per Point of Termination(2) Three Capacity System# (Cont'd)
- First DS3

(T)

<u>Jurisdiction</u>	<u>Three Year Monthly Rate</u>	<u>Five Year Monthly Rate</u>	<u>Seven Year Monthly Rate</u>
USOC	SLHB3	SLHB5	SLHB7
Pennsylvania Price Cap	3,624.00	3,244.00	3,072.00
Virginia Price Cap	3,300.00	2,900.00	2,700.00

Service availability limited. Refer to # footnote on Page 7-44.

(N)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.5 Rates and Charges (Cont'd)**

(E) Circuit Termination - High Capacity DS3 (Cont'd)
- Per Point of Termination

(3) Three Capacity System# (T)
- Each Additional DS3 - (Maximum of 2)

<u>Jurisdiction</u>	<u>Nonrecurring</u>	<u>One Year</u>
<u>USOC</u>	<u>Charge</u>	<u>Monthly Rate</u>
		<u>SLHC1</u>

Pennsylvania		
Price Cap	1,000.00	290.00

Virginia		
Price Cap	1,000.00	270.00

Service availability limited. Refer to # footnote on Page 7-44. (N)

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ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.11 High Capacity Service** (Cont'd)**7.11.5 Rates and Charges** (Cont'd)

(E) Circuit Termination - High Capacity DS3 (Cont'd)
- Per Point of Termination

(3) Three Capacity System# (Cont'd) (T)
- Each Additional DS3 (Maximum of 2)

<u>Jurisdiction</u>	<u>Three Year Monthly Rate</u>	<u>Five Year Monthly Rate</u>	(D)
USOC	SLHC3	SLHC5	

Pennsylvania Price Cap	228.00	209.00	
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Virginia Price Cap	180.00	171.00	
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Service availability limited. Refer to # footnote on Page 7-44.

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ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.11 High Capacity Service** (Cont'd)**7.11.5 Rates and Charges** (Cont'd)(E) Circuit Termination - High Capacity DS3 (Cont'd)
 - Per Point of Termination(4) Twelve Capacity System# (T)
 - First DS3

<u>Jurisdiction</u>	<u>Nonrecurring</u>	<u>One Year</u>
<u>USOC</u>	<u>Charge</u>	<u>Monthly Rate</u>
		<u>SLHD1</u>

Pennsylvania		
Price Cap	4,500.00	7,720.00

Virginia		
Price Cap	4,500.00	8,099.00

Service availability limited. Refer to # footnote on Page 7-44. (N)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.5 Rates and Charges (Cont'd)**(E) Circuit Termination - High Capacity DS3 (Cont'd)
- Per Point of Termination(4) Twelve Capacity System# (Cont'd) (T)
- First DS3

<u>Jurisdiction</u> USOC	<u>Three Year</u> <u>Monthly Rate</u> SLHD3	<u>Five Year</u> <u>Monthly Rate</u> SLHD5	<u>Seven Year</u> <u>Monthly Rate</u> SLHD7
Pennsylvania Price Cap	5,971.00	5,469.00	5,235.00
Virginia Price Cap	6,261.00	5,729.00	5,479.00

Service availability limited. Refer to # footnote on Page 7-44.

(N)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.5 Rates and Charges (Cont'd)**(E) Circuit Termination - High Capacity DS3 (Cont'd)
- Per Point of Termination(5) Twelve Capacity System# (T)
- Each Additional DS3 (Maximum of 11)

<u>Jurisdiction</u>	<u>Nonrecurring Charge</u>	<u>One Year Monthly Rate</u>
USOC		SLHE1

Pennsylvania Price Cap	1,000.00	298.00
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Virginia Price Cap	1,000.00	281.00
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Service availability limited. Refer to # footnote on Page 7-44. (N)

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Effective: December 1, 2020

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.5 Rates and Charges (Cont'd)**(E) Circuit Termination - High Capacity DS3 (Cont'd)
- Per Point of Termination(5) Twelve Capacity System# (Cont'd) (T)
- Each Additional DS3 (Maximum of 11)

<u>Jurisdiction</u> USOC	<u>Three Year</u> <u>Monthly Rate</u> SLHE3	<u>Five Year</u> <u>Monthly Rate</u> SLHE5	<u>Seven Year</u> <u>Monthly Rate</u> SLHE7
Pennsylvania Price Cap	236.00	217.00	208.00
Virginia Price Cap	197.00	176.00	166.00

Service availability limited. Refer to # footnote on Page 7-44. (N)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity Service** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

(F) (Reserved)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

(G) **Reserved for Future Use**

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10th Revised Page 7-140

Cancels 9th Revised Page 7-140

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

(H) **Reserved for Future Use**

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity Service** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity Service** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity Service** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity Service** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

(J) **Reserved for Future Use**

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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Cancels 2nd Revised Page 7-145

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.11 **High Capacity** (Cont'd)

7.11.5 **Rates and Charges** (Cont'd)

(K) Reserved for Future Use

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7th Revised Page 7-146

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

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14th Revised Page 7-147
Cancels 13th Revised Page 7-147

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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17th Revised Page 7-148

Cancels 16th Revised Page 7-148

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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8th Revised Page 7-149

Cancels 7th Revised Page 7-149

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity (Cont'd)****7.11.5 Rates and Charges (Cont'd)****(L) Optional Features and Functions**

			<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
	Jurisdiction	<u>USOC</u>			
	Pennsylvania and Virginia				
(1)	Clear Channel Capability - Per DS1 circuit arranged Price Cap	CCO	None	\$904.20	(I)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.5 Rates and Charges (Cont'd)****(M) Special Access Cross Connect**Per DS0, DS1 or DS3 Connection

<u>State</u>	<u>DS0 Monthly Rate</u>	<u>DS1 Monthly Rate</u>	<u>DS3 Monthly Rate</u>
Virginia	3.35	4.75	30.23

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.12 Individual Case Filing

Rates and charges for Special Access Service provided on an individual case basis are filed following:

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.12 Individual Case Filing (Cont'd)

Rates and charges for Special Access Service provided on an individual case basis are filed following:

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.12 Individual Case Filing (Cont'd)**

Rates and charges for Special Access Service provided on an individual case basis are filed following:

<u>Customer Name</u>	<u>Description and Location</u>	<u>MTL/NRC MRC</u>	<u>Termination Liability Period</u>
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.12 Individual Case Filing (Cont'd)

Rates and charges for Special Access Service provided on an individual case basis are filed following:

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4th Revised Page 7-155

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Effective: April 1, 2016

ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.12 Individual Case Filing** (Cont'd)

Rates and charges for Special Access Service provided on an individual case basis are filed following:

<u>Customer Name</u>	<u>Description and Location</u>	<u>MTL/NRC MRC</u>	<u>Termination Liability Period</u>
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Washington, DC 2005 (T)

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1st Revised Page 7-156

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ACCESS SERVICE**7. Special Access Service** (Cont'd)**7.12 Individual Case Filing** (Cont'd)

Rates and charges for Special Access Service provided on an individual case basis are filed following:

<u>Customer Name</u>	<u>Description and Location</u>	<u>MTL/NRC MRC</u>	<u>Termination Liability Period</u>
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.12 Individual Case Filing (Cont'd)

Rates and charges for Special Access Service provided on an individual case basis are filed following:

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.12 **Individual Case Filing** (Cont'd)

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ACCESS SERVICE

7. **Special Access Service** (Cont'd)

7.12 **Individual Case Filing** (Cont'd)

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7. **SPECIAL ACCESS** (Cont'd)

7.13 **Reserved for Future Use**

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7. **SPECIAL ACCESS** (Cont'd)

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