

ACCESS SERVICE

CHECK SHEET

The Title Page and Pages 1 through 18-14 inclusive of this tariff are effective as of the date shown. The original and revised pages named below and on Supplement No. 1 contain all changes from the original tariff that are in effect on the date shown.

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1. Application of Tariff

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of End User Access, Switched Access, and Special Access in non-competitive areas, and other miscellaneous services hereinafter referred to collectively as service(s). These services are provided to customers by the Issuing Carriers of this tariff, hereinafter the Telephone Company. This tariff also contains Access Ordering regulations and charges that are applicable when these services are ordered or modified by the customer.

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The Special Access charges for End User Channel Terminations and optional features and functions that are located in this tariff have been deemed non-competitive per FCC 17-43. In some instances, Special Access Services will be referred to in general terms to assist in understanding the services that encompass an entire circuit.

(N)

Special Access Service that remains subject to Section 203 of the Communications Act must be filed in this tariff. Special Access Service not subject to Section 203 is excluded from this tariff. Documents, agreements or contracts that provide services excluded from this tariff may be accessed at the Company's website or other company designated locations. Rates and regulations for Special Access Service deemed competitive and excluded from this tariff cannot supersede, negate or revise the rates and regulations contained within this tariff, and deemed lawful status does not convey to such non-tariffed services.

(N)

- 1.2 The provision of such services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the customer for the furnishing of any service.

ACCESS SERVICE

2. General Regulations

2.1 Undertaking of the Telephone Company

For Special Access General Regulations only, Non-Competitive End User Channel Terminations (EUCTs) and Optional Features and Functions associated with End User Channel Terminations are filed as part of this tariff. General Regulations for other Special Access Services to complete the circuit are excluded from this tariff and can be accessed at the Company's website or Company's other designated location.

(N)
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(N)

2.1.1 Scope

- (A) The Telephone Company does not undertake to transmit messages under this tariff.
- (B) The Telephone Company shall be responsible only for the installation, operation and maintenance of the services it provides.
- (C) The Telephone Company will, for maintenance purposes, test its service only to the extent necessary to detect and/or clear troubles.
- (D) Services are provided 24 hours daily, seven days per week, except as set forth in other applicable sections of this tariff.
- (E) The Telephone Company does not warrant that its facilities and services meet standards other than those set forth in this tariff.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Coordination with Respect to Network Contingencies

The customer shall, in cooperation with the Telephone Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

2.3.11 Jurisdictional Report and Certification Requirements

(A) Certification Requirements – Non-Competitive Special Access. (C)

When the customer orders non-competitive Special Access Service and the customer certifies to the Telephone Company in writing that more than ten percent of the traffic is interstate, the service is considered to be interstate and is provided under this Tariff. (C)

Following initial certification, should the jurisdictional nature of the customer's non-competitive Special Access change, the customer should inform the Telephone Company in writing of the change. The effective date of the change will be the date the Telephone Company receives the customer's notice of change. No charge applies for the jurisdictional change. (C)

B) Disputes Involving Jurisdictional Certification – Non-Competitive Special Access (C)

If a dispute arises concerning the certification of projected interstate traffic as described in (A) above, the Telephone Company will ask the customer to provide the data the customer used to determine that more than 10% of the traffic is interstate. The customer shall supply the data within thirty (30) days of the Telephone Company request. If the reply results in a jurisdictional change of a non-competitive Special Access Service, the effective date of the change will be the date the Telephone Company receives the customer's reply. There is no charge when the customer's reply results in a jurisdictional change in the non-competitive Special Access Service. (C)

(D)
(D)
(D)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(2) Use of PIU Factors (Cont'd)

- (ii) For terminating access minutes, other than as specified in (iii) below, the same data used by the Telephone Company to develop the PIU factor for originating access minutes will be used to develop the PIU factor for such terminating access minutes.

(D)
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(D)

The Telephone Company developed PIU factor(s) described in this section will only be used for minutes of use for which the Telephone Company does not have sufficient call detail to determine the jurisdiction until such time as the customer provides updated PIU factor(s) for these services.

ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.2 Minimum Periods

The minimum period for which services are provided and for which rates and charges are applicable is one month except for the following, or as otherwise specified:

- Switched Access usage rated services
- Switched Access High Capacity DS3 Entrance Facility and Direct Trunked Transport
- Switched Access Synchronous Optical Channel OC3 and OC12 Entrance Facility and Direct Trunked Transport
- Non-competitive Special Access Part-time Video
- Non-competitive Special Access Program Audio
- Non-competitive Special Access High Capacity Service

(C)
(C)
(C)
(D)
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|
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(D)

For a list of applicable services by company, please refer to the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

The minimum period for which service is provided and for which rates and charges are applicable for a Specialized Service or Arrangement provided on an individual case basis as set forth in Section 12 following, is one month unless a different minimum period is established with the individual case filing.

When a service is discontinued prior to the expiration of the minimum period, charges are applicable, whether the service is used or not, as follows:

- (A) When a service with a one month minimum period is discontinued prior to the expiration of the minimum period, a one month charge will apply at the rate level in effect at the time service is discontinued.
- (B) When a service with a minimum period greater than one month is discontinued prior to the expiration of the minimum period, except for non-competitive Special Access High Capacity Service Optional Rate Plans as set forth in 7.2.8 will be the lesser of (1) the Telephone Company's total nonrecoverable costs less the net salvage value for the discontinued service or (2) the total monthly charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period.

(C)
|
(C)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.3 Cancellation of an Order for Service

Provisions for the cancellation of an order for service are set forth in other applicable sections of this tariff.

2.4.4 Credit Allowance for Service Interruptions

(A) General

A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff or in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer as set forth in 6.2.1 following. An interruption period starts when an inoperative service is reported to the Telephone Company, and ends when the service is operative.

(B) When a Credit Allowance Applies

In case of an interruption to any service, allowance for the period of interruption, if not due to the negligence of the customer, shall be provided.

For the following services, any period during which the error performance is below that specified for the service will be considered as an interruption.

- Digital Data (DA1 through DA6)
- High Capacity (DS1) (T)

(D)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(B) When a Credit Allowance Applies (Cont'd)

- (1) Non-competitive Special Access Service other than Program Audio and Video and flat rated Switched Access Service rate elements (Cont'd) (C)
(C)

(c) Multiplexed Services

For multiplexed services, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service that is inoperative. When the facility which is multiplexed or the multiplexer itself is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with the service to the hub and any individual services from the hub. For non-competitive Special Access, those charges include End User Channel Termination, (C)
(C)
(C)
and optional features and functions. For Switched Access, those charges include Entrance Facility, Direct Trunked Transport, Multiplexing and optional features and functions such as Add/Drop Multiplexing, Customer Node and Customer Premises Port.

When the service which rides a channel of the multiplexed facility is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service from the hub or wire center equipped for Add/Drop Multiplexing to a customer premises, Telephone Company central office, or WATS office. (C)

ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Credit Allowance for Service Interruptions (Cont'd)(B) When a Credit Allowance Applies (Cont'd)(2) Program Audio and Video Special Access Services

For Program Audio and Video Special Access Services, no credit shall be allowed for an interruption of less than 30 seconds. The customer shall be credited for an interruption of 30 seconds or more as follows:

- (a) For two-point services, when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for the service for each period of 5 minutes or fraction thereof that the interruption continues.
- (b) For two-point services, when daily rates are applicable, the credit shall be at the rate of 1/288 of the daily charges for the service for each period of 5 minutes or fraction thereof that the interruption continues.
- (c) For multipoint services, when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for each end user channel termination, and optional features and functions that are inoperative for each period of 5 minutes or fraction thereof that the interruption continues. (C)
- (d) For multipoint services, when daily rates are applicable, the credit shall be at the daily rate of 1/288 of the daily charges for end user channel termination, and optional features and functions that are inoperative for each period of 5 minutes or fraction thereof that the interruption continues. (C)
- (e) For multipoint services, the credit for the monthly or daily charges includes the charges for the distribution amplifier only when the distribution amplifier is inoperative.
- (f) When two or more interruptions occur during a period of 5 consecutive minutes, such multiple interruptions shall be considered as one interruption.

ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)(B) Meet Point Billing

Meet Point Billing is required when an access service is provided by multiple Telephone Companies for Feature Groups B, C, and D Switched Access Services, and Special Access. It is optional for Feature Group A Switched Access Service.

Each Telephone Company jointly providing the access service will receive an order or a copy of the order from the customer as specified in 5.3.2 following and arrange to provide the service.

For usage rated access services the access minutes of use will generally be determined by the recording company. Where the recording company is not the Bill Rendering Company, the recording company will provide detailed usage records to the Bill Rendering Company to develop the access minutes.

The Bill Rendering Company in a single bill arrangement for Feature Groups B, C, and D Switched Access Services, is normally the end user's end office; for WATS usage the Bill Rendering Company is normally the WATS Serving Office. The name of the Bill Rendering Company will be included in the meet point billing notification provided to the customer by all the telephone companies on all meet point billed services.

The non Bill Rendering Company(s) is any Telephone Company(s) in whose territory a segment of the Local Transport is provided and/or where the customer's Point of Termination is located.

(C)

There are two Meet Point Billing Options: Single Bill and Multiple Bill. These billing options are explained in (1) and (2) following. The Single Bill option is the preferred method. However, when a single bill option can not be agreed to by all telephone companies providing service, the multiple bill option is the default.

Each telephone company must provide meet point billing notification to the customer, in writing, when new service is ordered or 30 days prior to changing an existing meet point arrangement. The notification should include the following:

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(2) Multiple Bill Option

Under the Multiple Bill Option each company providing the access service will render an access bill to the customer for its portion of the service based on its access tariff rates and regulations. For switched access Multiple bills the end office company is generally the Initial Billing Company (IBC). The IBC is the company that calculates the access minutes to be billed to the customer and provides this data to each connecting company providing service, i.e., the Subsequent Billing Company(s). Each company, IBC and SBC, will:

- prepare its own bill;
- determine its charge(s) for Local Transport and/or Direct Transport as set forth in (3) following; (C)
- determine and include all recurring and nonrecurring rates and charges of its access tariff; (C)
- reflect its Billing Account Reference (BAR) and all connecting company Billing Account Cross Reference (BACR) code(s);
- forward its bill to the customer.

The customer will remit payment directly to each Bill Rendering Company.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (C)
(C)

Each Telephone Company's portion of the Local Transport and Channel mileage will be developed as follows:

- (a) Determine the appropriate Local Transport or Channel Mileage by computing the number of airline miles between the Telephone Company premises (end office, access tandem or serving wire centers for Switched Access or serving wire centers for Special Access) using the V&H method set forth respectively in 6.4.6 following. (C)
- (b) Determine the billing percentage (BP), as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, which represents the portion of the service provided by each Telephone Company.
- (c) Originating rates are applicable when originating Tandem Switched Transport is provided. Terminating Tandem 3rd Party rates are applicable when Terminating Tandem Switched Transport is provided through a Consolidated Operating Company (CCOC) ILEC Access Tandem and the Terminating End Office is not owned by a CCOC ILEC. Terminating Tandem 3rd Party rates are also applicable when Terminating Tandem Switched Transport is provided through an Access Tandem not owned by a CCOC ILEC and the Terminating End Office is owned by a CCOC ILEC (including Direct Trunked-Transport arrangements), otherwise Terminating - Tandem End Office rates apply

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (Cont'd) (C)
(C)

(c) (Cont'd)

For Feature Groups A, B, C and D Tandem Switched Transport:

- multiply the number of originating and terminating access minutes of use routed over the facility times the number of airline miles, as set forth in (a) preceding, times the BP for each Telephone Company, as set forth in (b) preceding, times the Tandem Switched Facility rate;
- multiply the Tandem Switched Termination rate times the number of originating and terminating access minutes routed over the facility.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (Cont'd) (C)
(C)

(c) (Cont'd)

The Tandem Switched Termination rate is applied as set forth in 6.1.3(A) following. The Switched Access Nonrecurring Charges are applied as set forth in 6.4.1(B) following. (Note: The BP is not applied to the Switched Access Tandem Switched Termination rate or any Nonrecurring Charge.)

(d) For Feature Groups A, B, C, and D Direct Trunked Transport:

- multiply the number of airline miles, as set forth in (a) preceding, times the BP for each Telephone Company, as set forth in (b) preceding, times the Direct Trunked Facility rate.
- The Direct Trunked Termination rate is applied as set forth in 6.1.3(A) following. The Switched Access Nonrecurring Charges are applied as set forth in 6.4.1(B) following. (Note: The BP is not applied to either the Switched Access Direct Trunked Termination rate or any Nonrecurring Charge.)

(e) For Feature Groups A, B, C, and D.

- The Billing Percentage (BP) is not applicable to the Transport Interconnection charge, Entrance Facility or Multiplexer.

(f) [Reserved for Future Use] (C)

(D)
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(D)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (Cont'd) (C)
(C)

(g) [Reserved for Future Use]

(h) When three or more Telephone Companies are involved in providing an Access Service, the intermediate Telephone Company(s) will determine the charges as set forth in (c) through (g) preceding. Additionally, when a segment of the Tandem Switched Facility, Direct Trunked Facility or Channel Mileage Facility is measured to the intermediate office(s), the Tandem Switched Termination, Direct Trunked Termination or Channel Mileage Termination rates are also applied at the intermediate Telephone Company(s) office(s).

(i) Example 1 - Originating Switched Access
(See Diagram 1)

- Feature Group D Switched Access is ordered to End Office.
- Originating End Office and Access Tandem are in the operating territory of a Consolidated Communications Telephone Company (TC-A).
- Customer Designated Premises is in the operating territory of a Non-Consolidated Communications telephone company (TC-B).

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

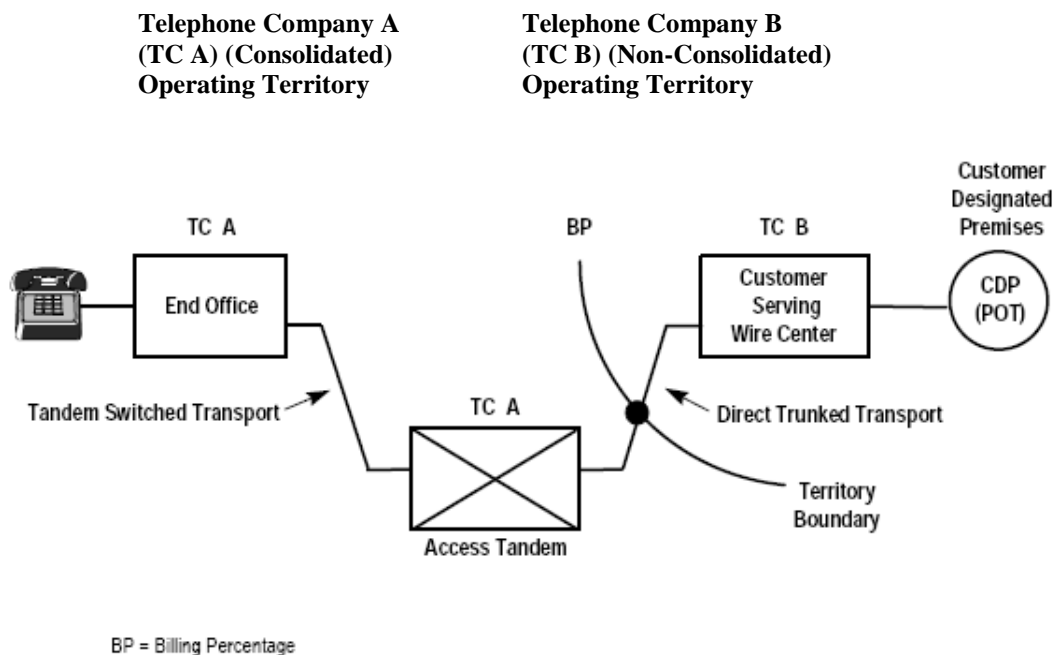
(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (Cont'd) (C)

(i) Example 1 – Originating Switched Access (Cont'd)

- Feature Group D Switched Access is ordered from End Office
- Access Tandem and End Office is owned by CCOC ILEC carrier (TC-A)

Diagram 1



ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (Cont'd) (C)
(C)

(i) Example 1- Originating Switched Access (Cont'd)

See Diagram 1

- Assume:

End Office to Access Tandem:

Airline miles from TC A End Office to TC
Access Tandem = 22.1, Rounded = 23

Access Tandem to Serving Wire Center:

Airline miles from TC A Access Tandem to
TC B Serving Wire Center = 25.6, rounded
= 26

Billing Percentage (BP)

TC A = 40%

TC B = 60%

Access Minutes = 9000

End Office Charges = EO

Tandem Switched Facility Rate = TSF

Tandem Switched Termination Rate = TST

Tandem Switching Rate = TS

Direct Trunked Facility Rate = DTF

Direct Trunked Termination Rate = DTT

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (Cont'd) (C)
(C)

(i) Example 1- Originating Switched Access (Cont'd)

(See Diagram 1)

- Telephone Company A charges are:

End Office charges = 9,000 min. x EO rate

Tandem Switched Facility charge
= 9,000 min. x 23 mi. x TSF rate

Tandem Switched Termination charge
= 2 terminations x 9,000 min. x TST rate

Tandem Switching charge
= 9,000 min x TS rate

Direct Trunked Facility charge
= 26 miles x DTF rate x 40%

Direct Trunked Termination charge
= 1 termination x DTT rate

Tandem Switched Multiplexing charge
= 9,000 min x SM rate

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

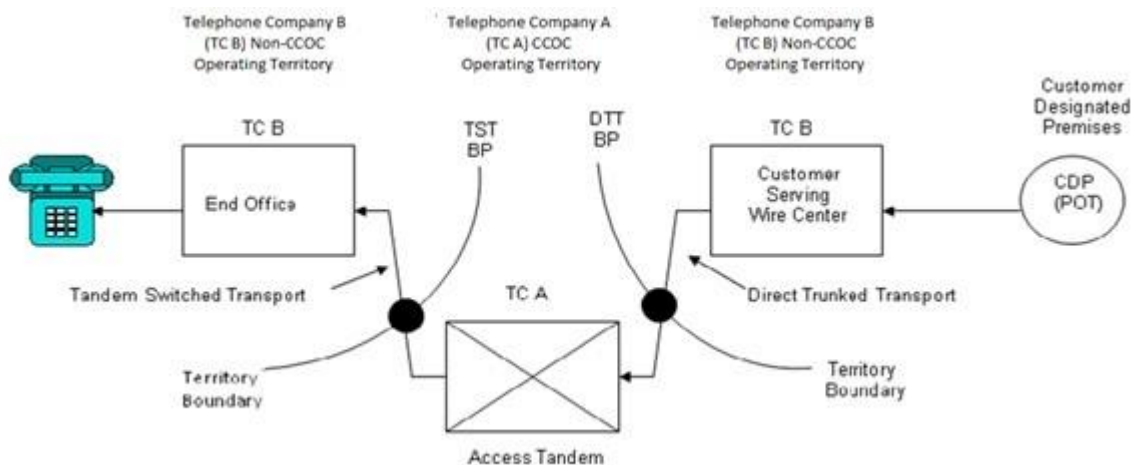
(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (Cont'd) (C)

(j) Example 2- Terminating Switched Access Terminating Tandem-3rd Party
(See Diagram 2A and 2B)

- Feature Group D Switched Access is ordered to End Office.
- End Office is in the operating territory of a Consolidated Communications Company (TC-A).
- Terminating Access Tandem is owned by CCOC ILEC carrier (TC-A) and End Office is owned by a non-CCOC carrier (TC-B)

Diagram 2A



ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

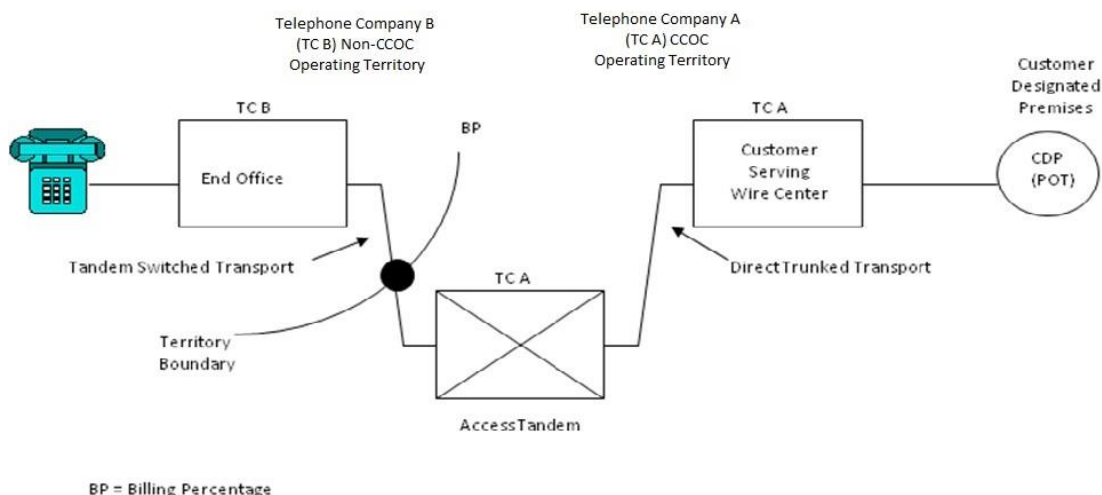
2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (Cont'd) (C)

(j) Example 2 Terminating Switched Access – Tandem 3rd Party
(See Diagram 2A and 2B) (Cont'd) (C)

Diagram 2B



ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (Cont'd) (C)
(C)

(j) Example 2 Terminating Switched Access – Tandem 3rd Party
(See Diagram 2A and 2B) (Cont'd)

- Assume:

TC-A Direct Trunk Transport BP = 40% (where applicable Diagram 2A)

TC-B Direct Trunk Transport BP = 60% (where applicable Diagram 2B)

Direct Trunk Transport mileage = 26 mi.

TC-A Tandem Switched Transport BP = 20%

TC-B Tandem Switched Transport BP = 80%

Tandem Switched Transport mileage = 23 mi

Access Minutes = 9000

End Office Charges = EO

Tandem Switched Facility Rate = TSF

Tandem Switched Termination Rate = TST

Tandem Switching Rate = TS

Direct Trunked Facility Rate = DTF

Direct Trunked Termination Rate = DDT

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (Cont'd) (C)

(j) Example 2 Terminating Switched Access – Tandem 3rd Party
(See Diagram 2A and 2B) (Cont'd) (C)

- Telephone Company A charges are:

Tandem Switched Facility - Terminating Tandem-3rd
Party charge
= 9,000 min. x 23 mi. x TSF Terminating Tandem-3rd
Party rate x 80%

Tandem Switched Termination Terminating Tandem-
3rd Party charge
= 1 termination x 9,000 min. x TST Terminating
Tandem-3rd Party rate

Tandem Switching – 3rd Party charge
= 9,000 min. x TS-3rd Party rate

Direct Trunked Facility charge
2A = 26 miles x DTF rate x 40%
2B = 26 miles x DTF rate

Direct Trunked Termination charge
2A = 1 termination x DTT rate
2B = 2 termination x DTT rate

Tandem Switched Multiplexing – 3rd Party charge
= 9,000 min x SM-3rd Party rate

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

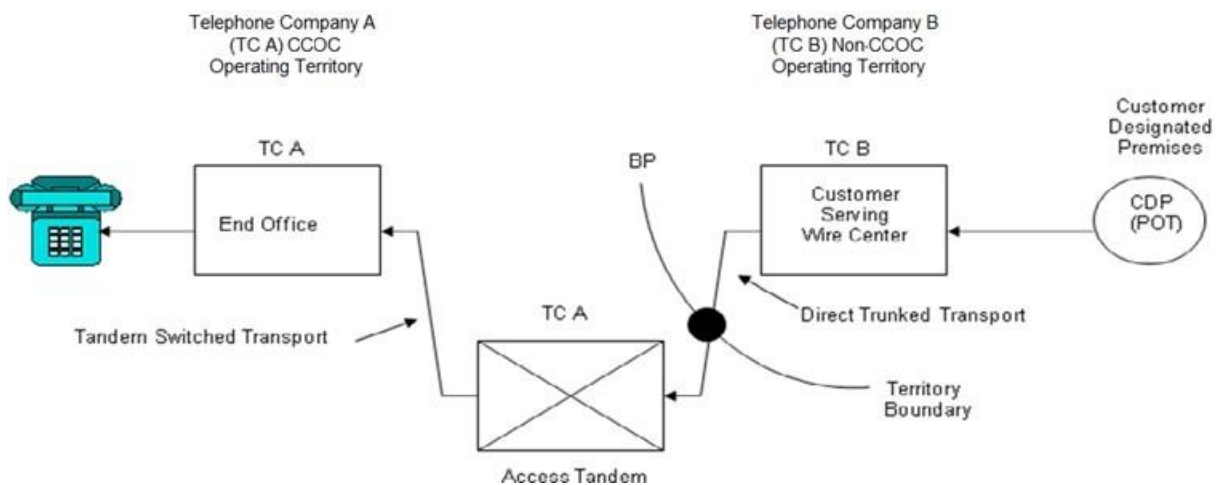
(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (Cont'd) (C)

(k) Example 3 Terminating Switched Access – Tandem End Office (See Diagram 3) (C)

- Feature Group D Switched Access is ordered to End Office.
- Terminating End Office and Access Tandem are both owned by a CCOC ILEC (TC-A)

Diagram 3



ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport and Direct Transport Charges (Cont'd) (C)
(C)

(k) Example 3 Terminating Switched Access – Tandem End Office (See Diagram 3) (Cont'd)

- Assumptions:

TC-A Direct Trunk Transport BP = 40%

TC-B Direct Trunk Transport BP = 60%

Direct Trunk Transport mileage = 26 mi.

Tandem Switched Transport mileage = 23 mi.

Access Minutes = 9000

- Telephone Company A charges are:

Tandem Switched Facility – End Office charge
= 9,000 min. x 23 mi. x TSF-End Office rate

Tandem Switched Termination – End Office charge
= 2 terminations x 9,000 min. x TST-End Office rate

Tandem Switching – End Office charge
= 9,000 min. x TS-End Office rate

Direct Trunked Facility charge
= 26 miles x DTF rate x 40%

Direct Trunked Termination charge
= 1 termination x DTT rate

Tandem Switched Multiplexing – End Office charge
= 9,000 min x SM-End Office rate

ACCESS SERVICE

2. General Regulations (Cont'd)

2.5 Connections

Equipment and Systems (i.e., terminal equipment, multiline terminating systems and communications systems) may be connected with Switched and Special Access Services furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference Publication AS No. 1 and in 2.1 preceding.

(C)
(C)

2.6 Definitions

Certain terms used herein are defined as follows:

800 Data Base Access Service

The term "800 Data Base Access Service" denotes a service which uses a data base system to identify 800 access customers on a 10-digit basis. For purposes of administering the rules and regulations set forth in this tariff regarding the provision of 800 Database Access, except where otherwise specified, 800 Database Access Service shall include the following service access codes 800, 888, 877, 866, 855, 844, 833, and 822.

800 Series Service

The term 800 series denotes the service access codes of 800, 888, 877, 866, 855, 844, 833 and 822.

Access Carrier/Customer Terminal Location (ACTL)

The term Access Carrier/Customer Terminal Location (ACTL) denotes an eight (8) or eleven (11) character code that identifies the Common Language Location Identifier (CLLI) Code of the customer facility terminal location.

ACCESS SERVICE

5. Access Ordering

5.1 General

This section sets forth the regulations and order related charges for services set forth in other sections of this tariff. Order related charges are in addition to other applicable charges for the services provided.

An Access Order is an order to provide the customer with Switched Access, Special Access or Access Related Service or to provide changes to existing services. (C)
(C)

For Special Access ordering only, Non-Competitive End User Channel Terminations (EUCTs) are included in this tariff. Ordering for other Special Access Services to complete the circuit can be accessed at the Telephone Company's website or other company designated locations. (N)
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(N)

The regulations, rates and charges for special construction are set forth in Section 18 following and are in addition to the regulations, rates and charges specified in this section.

A customer may order any number of services of the same type and between the same premises on a single Access Order. All details for services for a particular order must be identical except for those for multipoint service.

The customer shall provide to the Telephone Company the order information required in 5.2 following, and in addition the customer must also provide:

- Customer name and premises address(es).
- Billing name and address (when different from customer name and address).
- Customer contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.1 General (Cont'd)

5.1.1 Service Installation

The Telephone Company will provide the Access Service in accordance with the customer's requested service date, subject to the constraints established by the Telephone Company schedule of applicable service dates.

The Telephone Company shall make available to all customers, upon request, a schedule of applicable service intervals for Switched Access and Special Access. The schedule shall specify the applicable service interval for services and the quantities of services that can be provided by a requested service date. Any associated material will be provided upon request and within a reasonable period of time.

(C)

The Telephone Company will not accept orders for service dates which exceed the applicable service date by more than six months.

Access Services will be installed during Telephone Company business days. If a customer requests that installation be done outside of scheduled work hours, and the Telephone Company agrees to this request, the customer will be subject to applicable Additional Labor Charges as set forth in 17.4.3(A) following.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.2 Special Access Service

When placing an order for Special Access Service the customer must specify:

- the customer designated premises or hubs or ADM equipped wire centers involved
- type of service (e.g., Voice Grade, High Capacity, etc.);
- the channel interface(s)
- technical specification package -options desired
- for multipoint services, the channel interface at each customer designated premises may, at the request of the customer, be different but all such interfaces shall be compatible
- that the traffic consists of more than ten percent interstate traffic.

All part-time Video and Program Audio services are subject to a service inquiry. A service inquiry is a request to the Telephone Company to determine if facilities exist to provide the service ordered and to determine the service date on which service can be provided to the customer.

Where the Special Access Service is exempt from the Special Access Surcharge, as set forth in 7.3 following the customer shall furnish written certification to that effect as set forth in 7.3.3 following.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.2 Special Access Service (Cont'd)

There is a Special Access High Capacity Optional Rate Plan that offers term discounts as described in Sections 7.2.8(A) and (B), following. (C)
(C)

When ordering High Capacity Term Discount Optional Rate Plan, an upgrade to the plan, or a High Capacity Service Optional Rate Plan Replacement, discontinuance charges, as specified in 7.2.8 (A) (1), following, will not apply if the conditions set forth in 7.2.8 (A) (1) following are met and the customer provides the following ordering information:

Term Discounts-Upgrades in Capacity (DS1 to DS3)

- The customer's order for the disconnect of the existing DS1 Service and the installation of the new DS3 Service are received at the same time and specifically reference the application of upgrade in capacity.
- The customer's disconnect order for the existing DS1 Service must reference the DS3 Service installation order.

Customer orders to install and disconnect DS1 or DS3 services provided under a Term Discount plan where the number of DS1s or DS3s remains constant and the customer wishes to maintain the existing Term Discount period and minimum service period must:

- Be received at the same time; and
- Reference continuation of the existing Term Discount period and the minimum service period on both the installation and disconnect orders.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.2 Special Access Service (Cont'd)

Term Discounts - Optional Rate Plan Replacements

Discontinuance charges as specified in Section 7.2.8(A)(1)(d), following, will not apply when an existing High Capacity Optional Rate Plan customer:

- Orders the disconnect of its existing committed High Capacity channel(s) and installation of one or more newly committed SOCS channel(s), ATM-CRS Port(s) or ETS Port(s) and complies with the following requirements:
- The customer's orders for the disconnection of its existing committed High Capacity channel(s) and installation of its replacement newly committed SOCS channel(s), ATM-CRS Port(s) or ETS Port(s) are submitted to the Telephone Company at the same time.
- All orders specifically reference the replacement of the existing committed High Capacity channel(s) with one or more newly committed SOCS channel(s), ATM-CRS Port(s) or ETS Port(s) in the customer's new SOCS Optional Rate Plan, in the customer's new or existing ATM-CRS Term Discount Plan, or in the customer's new or existing ETS Term Discount Plan.

(C)

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.2 Special Access Service (Cont'd)

The Synchronous Optical Channel Service Optional Rate Plan is a Term Discount plan offered for competitive services and is excluded from this tariff.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.2 Special Access Service (Cont'd)

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.3 WATS or WATS-Type Services

Special Access Service may be ordered for connection with FGA, FGB, FGC or FGD Switched Access Service at Telephone Company designated WATS Serving Offices (WSOs) for the provision of WATS or WATS-type Services and may be ordered separately by a customer other than the customer which orders the FGA, FGB, FGC or FGD Switched Access Service. For the Special Access Service the customer shall specify:

- the customer designated premises at which the Special Access service terminates;
- the type of line (i.e., two-wire or four-wire);
- the type of calling (i.e., originating, terminating or two-way); and
- type of Supervisory Signaling.

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5.2.4 Mixed Use Facilities - Switched and Special Access

Mixed use is the provision of both Switched and Special Access Services over the same High Capacity facilities. Mixed use facilities to a hub or ADM equipped wire center will be ordered and provided as Special Access Service. Where mixed use is employed, individual services utilizing these facilities must be ordered either as Switched Access Service or Special Access Service as further elaborated and set forth in 6.4.7 and 7.2.7 following. When placing the order for the individual service(s), the customer must specify a channel assignment for each service ordered.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.6 [Reserved for Future Use]

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.6 [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.7 [Reserved for Future Use]

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.7 [Reserved for Future Use] (Cont'd)

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(D)

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.8 [Reserved for Future Use]

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.9 [Reserved for Future Use]

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ACCESS SERVICE

5. Access Ordering (Cont'd)5.3 Access Orders For Services Provided By More Than One Telephone Company

Access Services provided by more than one Telephone Company are services where one end of the Local Transport or Direct Transport element is in the operating territory of one Telephone Company and the other end of the element is in the operating territory of a different Telephone Company or where the Interim NXX Translation service and the end office are not provided by the same Telephone Company. (C)

The ordering procedure for this service is dependent upon the billing arrangement, as set forth in 2.4.7 preceding, to be used by the Telephone Companies involved in providing the Access Service. The Telephone Company will notify the customer which of the ordering procedures will apply.

5.3.1 Non Meet Point Billing Ordering - FGA(A) Single Company Billing Ordering

The Telephone Company receiving the order from the customer will arrange to provide the service and bill the customer as set forth in 2.4.7(A)(1). The customer will place the order with the Telephone Company as follows:

For FGA Switched Access Service the customer will place the order with the Telephone Company in whose territory the first point of switching is located. The first point of switching is the dial tone office.

When the first point of switching is not in the same Telephone Company's territory as the Interexchange Carrier premises, the customer must supply a copy of the order to the Telephone Company in whose territory the Interexchange Carrier premises is located and any other Telephone Company(s) involved in providing the service. When service is provided through a centralized equal access provider, the customer must supply a copy of the order to that provider.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.3 Access Orders For Services Provided By More Than One Telephone Company (Cont'd)

5.3.2 Meet Point Billing Ordering (Cont'd)

(C) Customers ordering Special Access Service to be interconnected with Switched Access Services at Telephone Company designated WATS Serving Offices for the provision of WATS or WATS-type Services must place an order with each Telephone Company in whose territory the end office and the WATS Serving Office are located, if they are not collocated.

(D) Except for Special Access Service as set forth in (C) above or as set forth in (E) below, the customer may place the order for a Special Access Service with either Exchange Telephone Company.

(E) For Special Access Service involving a hub(s) the customer must place the order with the Telephone Company(s) in whose territory the hub(s) is located.

(F) [Reserved for Future Use] (C)
(D)
(D)

(G) For initiation, additions, changes or deletions to the Interim NXX Translation code(s), the customer must place an order with the Telephone Company who provides the Interim NXX Translation. The customer must also provide a copy of the order to the Telephone Companies subtending the Interim NXX Translation office.

(H) [Reserved for Future Use] (C)
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(D)
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(I) [Reserved for Future Use] (C)
(D)
(D)

(J) [Reserved for Future Use] (C)
(D)
(D)

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering

5.4.1 Access Order Charge

The Access Order Charge is applied to all customer requests for new Special Access and Switched Access. In addition, the Access Order Charge is applicable to customer requests for additions, changes or rearrangements to existing Special Access and Switched Access with the following exceptions: (C)

The Access Order Charge does not apply:

- When a Service Date Change Charge is applicable;
- When a Design Change Charge is applicable;
- To administrative changes as set forth in Sections 6.4.1(B)(3), 7.2.2(C)(3), 8.1.5(E), and 8.2.5(E), , following.; (C)
- When a change to a pending order does not result in the cancellation of the pending order and the issuance of a new order; (C)
- When the Interim NXX Translation charge is applicable;
- When a Miscellaneous Service Order Charge is applicable;
- When a PIC Change Charge is applicable;
- When a Telephone Company initiated network reconfiguration requires a customer's existing access service to be reconfigured.
- When a service with an ICB rate is converted to a similar service with a non- ICB tariff rate prior to the expiration of the ICB.
- When a Billing Name and Address Order charge is applicable.
- When a 900 Blocking Service charge is applicable.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering (Cont'd)

5.4.1 Access Order Charge (Cont'd)

The Access Order Charge does not apply (Cont'd):

- When Payphone Service Providers (PSPs) obtain Coin Supervision Additive Service in conjunction with local exchange service lines for the provision of pay telephone service
- To Local Number Portability (LNP) Services as set forth in Section 13.11, following.
- To Government Emergency Telecommunications Service (GETS) as set forth in Section 10.5.1(C), following.
- When a High Capacity Optional Rate Plan customer makes changes to its existing High Capacity Optional Rate Plan as specified in Section 7.2.8(A)(1)(c), following, for High Capacity Service Optional Rate Plan Replacements.

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ACCESS SERVICE

5. Access Ordering (Cont'd)5.4 Charges Associated with Access Ordering (Cont'd)5.4.2 Miscellaneous Service Order Charge

A Miscellaneous Service Order Charge, as set forth in 17.4.1(D) following, applies to any service, or combination of services, ordered simultaneously from Section 13. of the tariff for which a service order is not already pending (with the exception of Presubscription (13.4), 900 Blocking Service (13.6), Billing Name and Address Service (13.7), and Local Number Portability Services (13.11), which does not have the charge applied). The Miscellaneous Service Order Charge is an administrative charge designed to compensate for the expenses associated with service order issuance.

The charge always applies to the following services since a pending service order would not exist:

- Overtime Repair (13.2.2);
- Standby Repair (13.2.3);
- Testing and Maintenance with Other Telephone Companies other than when in conjunction with Acceptance Testing (13.2.4);
- Other Labor (13.2.5); and
- Maintenance of Service (13.3.2).

The Miscellaneous Service Order Charge will also apply to the following services if they are ordered subsequent to the initial installation of the associated access service, thereby necessitating the issuance of another service order:

- Telecommunications Service Priority (13.3.3);
- International Blocking Service (13.6.1)
- Originating Line Screening (OLS) Service (13.8).

(D)

ACCESS SERVICE

5. Access Ordering (Cont'd)5.4 Charges Associated with Access Ordering (Cont'd)5.4.2 Miscellaneous Service Order Charge (Cont'd)

The charge does not apply to the following services since there would exist a pending service order:

- Additional Engineering (13.1);
- Overtime Installation (13.2.1);
- Standby Acceptance Testing (13.2.3);
- Testing and Maintenance with Other Telephone Companies when in conjunction with Acceptance Testing (13.2.4);
- Additional Cooperative Acceptance Testing (13.3.1(A)(1) and 13.3.1(B)(1)); and
- Coin supervision Additive Service (13.10).

5.4.3 Access Order Change Charges

Access Order changes involve service date changes and design changes. The customer may request a change of its Access Order prior to the service date. The Telephone Company will make every effort to accommodate a requested change when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the change cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer. If the customer still desires the Access Order change, the Telephone Company will schedule a new service date as set forth in 5.1.2 preceding. All charges for Access Order change as set forth in 17.4.1(B) and (C) will apply on a per occurrence basis.

Any increase in the number of ordered: (1) Special Access Service channels, (2) Switched Access Service lines, trunks, or busy hour minutes of capacity, or (3) CCS/SS7 Port Terminations, will be treated as a new Access Order (for the increased amount only). (C)

If order changes are necessary to satisfy the transmission performance for a Special Access Service ordered by a customer, these changes will be made without order change charges being incurred by the customer. (C)

ACCESS SERVICE

5. Access Ordering (Cont'd)5.4 Charges Associated with Access Ordering (Cont'd)5.4.3 Access Order Change Charges (Cont'd)(B) Design Change

The customer may request a design change to the service ordered prior to the requested service date. A design change is any change to an Access Order which requires engineering review. An engineering review is a review by Telephone Company personnel, of the service ordered and the requested changes to determine what changes in the design, if any, are necessary to meet the changes requested by the customer. Design changes include such things as the addition or deletion of optional features or functions or a change in the type of Transport Termination (Switched Access only), type of channel interface or type of Interface Group or technical specification package. Design changes do not include a change of customer designated premises, first point of switching, Feature Group type or channel type. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied.

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(C)

The Telephone Company will review the requested change, notify the customer whether the change is a design change, if the change can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge as set forth in 17.4.1(C) following will apply in addition to the charge for Additional Engineering as set forth in 17.4.2 following. If a change of service date is required, the Service Date Change Charge as set forth in 17.4.1(B) following will also apply. The Access Order Charge as specified in 17.4.1 following does not apply.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.5 Minimum Periods and Cancellations

5.5.1 Minimum Periods

The minimum period for part-time Video and Program Audio Special Access Services is one day as set forth in Section 7.2.4, following, even though the service will be provided only for the duration of the event specified on the order (e.g., one-half hour, two hours, five hours, etc.).

The minimum period for Switched Access High Capacity DS3 and Synchronous Optical Channel Entrance Facilities and Direct Trunked Transport is as set forth in Section 6.1.3(A), following.

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Switched Access usage rated services (i.e., End Office and Tandem Switched Transport) have no minimum period.

The minimum period for which all other Access Service is provided and for which charges are applicable, is one month.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.5 Minimum Period and Cancellations (Cont'd)

5.5.3 Cancellation of an Access Order

(A) A customer may cancel an Access Order for the installation of service on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days. If a customer or a customer's end user is unable to accept Access Service within 30 calendar days after the original service date, the customer has the choice of the following options:

- The Access Order shall be cancelled and charges set forth in (B) following will apply; or
- Billing for the service will commence.

In such instances, the cancellation date or the billing date, depending on which option is selected by the customer, shall be the 31st day beyond the original service date of the Access Order.

(B) When a customer cancels an Access Order for the installation of service, a Cancellation Charge will apply as follows:

- (1) Installation of Switched Access or Special Access Service facilities is considered to have started when the Telephone Company incurs any cost in connection therewith or in preparation thereof which would not otherwise have been incurred.
- (2) Where the customer cancels an Access Order prior to the start of installation of access facilities, no charges shall apply.

(C)

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.5 Minimum Period and Cancellations (Cont'd)

5.5.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(3) Where installation of access facilities has been started prior to the cancellation, the charges specified in (a) or (b) following, whichever is lower, shall apply.

(a) A charge equal to the costs incurred in such installation, less estimated net salvage. Such costs include the nonrecoverable cost of equipment and material ordered, provided or used, plus the nonrecoverable cost of installation and removal including the costs of engineering, labor, supervision, transportation, rights-of-way and other associated costs; or

(b) The minimum period charges for Switched Access or Special Access ordered by the customer, as set forth in 5.5.2 preceding. (C)
(C)

(C) When a customer cancels an order for the discontinuance of service, no charges apply for the cancellation.

(D) If the Telephone Company misses a service date by more than 30 days and such delay is not requested or caused by the customer (excluding those circumstances where the date is missed due to acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the Access Order without incurring cancellation charges.

5.5.4 Partial Cancellation Charge

Any decrease in the number of ordered: (1) Special Access Service channels, (2) Switched Access Service lines, trunks, or busy hour minutes of capacity, or (3) CCS/SS7 Port Terminations will be treated as a partial cancellation and charges will be determined as set forth in Section 5.5.3(B), preceding. (C)
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ACCESS SERVICE

6. Switched Access Service6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point communications path between a customer designated premises and an end user's premises, or between an IPG SWC and an end user's premises. It provides for the use of common terminating, switching, and trunking facilities and for the use of common subscriber plant of the Telephone Company. Except as specified in Section 6.8.1, following, for terminating Feature Group D Switched Access Service used in conjunction with IPG, Switched Access Service provides for the ability to originate calls from an end user's premises to a customer designated premises, and to terminate calls from a customer designated premises to an end user's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in Sections 6.1.3 and 6.5 through 6.9, following.

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Rates and charges for Switched Access Service depend generally on the specific Feature Group ordered by the customer, e.g., for MTS or WATS services or MTS/WATS equivalent services, and whether it is provided in a Telephone Company end office that is equipped to provide equal or non-equal access. Rates and charges for Switched Access Service are set forth in 17.2 following. The application of rates for Switched Access Service is described in 6.4 following. Rates and charges for services other than Switched Access Service, e.g., a customer's interLATA toll message service, may also be applicable when Switched Access Service is used in conjunction with these other services. Descriptions of such applicability are provided in 6.4.5, 6.4.9, 6.5.1(H), 6.5.3, 6.6.1(G), 6.6.2(D), 6.7.1(F) and 6.8.1(E) following. Finally, a credit is applied against line side Switched Access Service charges as described in 6.4.8 following.

Switched Access Service purchased from the provisions of this tariff may be commingled with unbundled network elements or unbundled network element combinations purchased pursuant to the Commission's Part 51 Interconnection Rules and in compliance with the Federal Communications Commission's Report and Order and Order on Remand and Further Notice of Proposed Rulemaking in CC Docket Nos. 01-338, 9698 and 98-147, adopted February 20, 2003 and released August 21, 2003 (FCC 03-36).

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport

The Local Transport rate category establishes the charges related to the transmission and tandem switching facilities between the customer designated premises and the end office switch(es), which may be a Remote Switching Module(s) or WATS Serving Office, where the customer's traffic is switched to originate or terminate the customer's communications.

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Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer designated premises) and in the terminating direction (from the customer designated premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. The customer must specify the choice of facilities (i.e., Voice Grade 2 or 4 wire or High Capacity DS1 or DS3 or Synchronous Optical Channel OC3 or OC12) to be used in the provision of the Direct Trunked Transport or Entrance Facility.

Except when ordering Local Transport associated with IPG, the customer must specify when ordering (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, and (2) the type of Direct Trunked Transport and whether it will overflow to Tandem Switched Transport when service is directly routed to an end office, (3) the type of Entrance Facility, (4) the directionality of the service, and (5) when multiplexing is required, the hub(s) at which the multiplexing will be provided. When ordering Local Transport associated with IPG, the customer must specify when ordering (1) the IPG SWC and (2) the end office switch(es) to which it wants to terminate its interexchange voice traffic.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(8) Nonchargeable Optional Features

Where transmission facilities permit, the individual transmission path between the customer's designated premises and the first point of switching, may at the option of the customer, be provided with the following optional features as set forth and described in Section 15.1.1(E), following.

- Supervisory Signaling
- Customer Specified Entry Switch Receive Level
- Customer Specification of Local Transport Termination
- 64 Clear Channel Capability

In addition to the above, Shared SONET Interoffice Ring Transport (SSRIT) is available as a nonchargeable optional feature with High Capacity DS3 or Synchronous Optical Channel Local Transport service from wire centers identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

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When a customer subscribes to Common Channel Signaling (SS7) Network Connection Service (CCSNC Service), the following optional features are made available and are described in Section 6.10.1, following.

- Signaling System 7 (SS7) Signaling
- Calling Party Number
- Carrier Selection Parameter
- Charge Number Parameter
- Carrier Identification Parameter

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Undertaking of the Telephone Company (Cont'd)

6.2.5 Determination of Number of Transmission Paths

For Feature Groups A and B, which are ordered on a per line or per trunk basis respectively, and Feature Groups (C) C and D when ordered on a per trunk basis the customer specifies the type of transport facilities and the number of channels in the order for service.

For Tandem Switched Transport, the Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group C and D busy hour minutes of capacity ordered. The total busy hour minutes of capacity by type (e.g., originating, terminating, IDDD) for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of the end office switches only, or (3) the use of the tandem switches only.

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6.2.6 Trunk Group Measurement Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Rate Regulations (Cont'd)6.4.6 Mileage Measurement

The mileage to be used to determine the monthly rate for Local Transport is calculated on airline distances between the end office switch, which may be a Remote Switching Module, (where the call carried by Local Transport originates or terminates) and the customer's serving wire center. When Direct Trunked Transport is ordered between the serving wire center and the end office, mileage is normally measured in one segment from the serving wire center to the end office. When Direct Trunked Transport is ordered between a serving wire center and a tandem and Tandem Switched Transport is ordered between the tandem and the end office, mileage is calculated separately for each segment. Exceptions to these methods are as set forth in (A) through (H) following. For SS7 signaling, the mileage to be used to determine the monthly rate for the Signaling Mileage Facility is calculated on the airline distance between the serving wire center associated with the customer's designated premises (Signaling Point of Interface) and the Telephone Company wire center providing the STP Port.

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Where applicable, the V&H coordinates method is used to determine mileage. This method is set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 for Wire Center Information (V&H coordinates).

Mileage rates are as set forth in 17.2.2 following. To determine the rate to be billed, first compute the airline mileage using the V&H coordinates method. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates. Then multiply the mileage by the appropriate rate.

Exceptions to the mileage measurement rules are as follows:

(A) Feature Group A - Originating Usage

Direct Trunked Transport Mileage for premium and non-premium rated access minutes in the originating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H coordinates method. The mileage measurement will be between the first point of switching (end office switch where the Feature Group A switching dial tone is provided) and the customer's serving wire center for the Switched Access Service provided.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD)

6.8.1 Description

- (A) FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches. Special Access Services utilized for connection with FGD at Telephone Company designated WATS Serving offices as set forth in Section 7 following may be ordered separately by a customer other than the customer which orders the FGD Switched Access Service for the provision of WATS or WATS-type services. Special Access Services are ordered as set forth in 5.2 preceding.
- (B) FGD is provided at Telephone Company designated end office switches whether routed directly or via Telephone Company designated electronic access tandem switches. The Telephone Company will designate the first point(s) of switching for FGD services where the Telephone Company elects to provide equal access through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.
- (C) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (D) FGD switching is provided with multifrequency address signaling or out of band SS7 signaling. With multifrequency address signaling and SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

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ACCESS SERVICE

7. Special Access Service

As of August 1, 2017, Special Access Services were changed to a competitive or noncompetitive designation. Non-Competitive End User Channel Terminations (EUCTs) and associated Optional Features and Functions are included in this tariff and remain under Price Cap Regulation. In some instances, Special Access Service rate elements excluded from this tariff will be referred to in general terms to assist in understanding the services that encompass an entire circuit. Other Special Access Service rate elements required to complete the circuit that are excluded from this tariff can be accessed at the Company's website or Company's other designated location. (N)

7.1 General

The exchange of Alburgh, Vermont is deemed as non-competitive for Special Access and included in this tariff. (N)

Special Access Service provides a transmission path to connect customer designated premises, directly or through a Telephone Company hub or hubs where bridging or multiplexing functions are performed, or to connect a customer designated premises and a WATS Serving Office, or to connect a customer designated premises to a DSL Access Connection Point or to connect a customer designated premises to a Public Packet Data Network Service. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate. (C)

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7.1.1 Channel Types

There are seven types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following: (C)

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

Customers can order a basic channel and select from a list of those available transmission parameters and channel interfaces that they desire in order to meet specific communications requirements.

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.1 Channel Types (Cont'd)

(A) Channel Type Descriptions

Following is a brief description of each type of channel:

Metallic - a channel for the transmission of low speed varying signals at rates up to 30 baud.

Telegraph Grade - a channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.

Voice Grade - a channel for the transmission of analog signals within an approximate bandwidth of 300 to 3000 Hz.

Program Audio - a channel for the transmission of audio signals. The nominal frequency bandwidths are from 200 to 3500 Hz, from 100 to 5000 Hz, or from 50 to 8000 Hz, or from 50 to 15000 Hz.

Video - a channel for the transmission of standard 525 line 60 field monochrome or National Television Systems Committee color video signal and one or two associated 5 or 15 kHz audio signals. The bandwidth is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz.

Digital Data - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 Kbps.

High Capacity - a channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312, or 44.736 Mbps.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.1 Channel Types (Cont'd)

(A) Channel Type Descriptions (Cont'd)

Detailed descriptions of each of the channel types are provided in 7.4 through 7.7 following.

(C)

The customer also has the option of ordering Voice Grade and High Capacity Non-Competitive End User Channel Termination facilities (i.e., 1.544 or 44.736 Mbps) to Telephone Company hubs for multiplexing to individual channels of a lower capacity or bandwidth. . Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are set forth in 7.2.1 following.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.2 Service Descriptions

For the purposes of ordering, there are seven categories of Special Access Service. These are:

Service Designator Codes

Metallic	MT
Telegraph Grade	TG
Voice	VG
Program Audio	AP
Video	TV
Digital Data	DA
High Capacity	DS

(D)

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Technical specifications packages are described in Section 15. following, optional features and functions are described in this section. Channel interfaces are described in 15.2 following.

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.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be advised and given the opportunity to change the order.

ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.2 Service Descriptions (Cont'd)

The channel descriptions provided in 7.4 through 7.7 following, specify the characteristics of the basic channel and indicate whether the channel is provided between customer designated premises, between a customer designated premises and a Telephone Company hub where bridging or multiplexing functions are performed, between hubs, or between a customer designated premises and a WATS Serving Office, between a customer designated premises and a wire center equipped with a Public Packet Data Network Service, between a Telephone Company serving wire center equipped with Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) and another telephone company ATM-equipped serving wire center, between a Telephone Company serving wire center equipped with Frame Relay Access Service (FRAS) and another telephone company serving wire center equipped with a frame relay switch that is located in a non-adjacent serving territory or between a Telephone Company serving wire center equipped with Ethernet Transport Service (ETS) and another telephone company Ethernet-equipped serving wire center that is located in a non-adjacent serving territory. (C)

- (A) Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in matrices set forth in 15.2 following. (C)
- (B) 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 15.2 following, in a combination format. (C)
- (C) Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth in (F) following. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.2 Service Descriptions (Cont'd)

- (D) The optional features and functions available with each type of Special Access Non-Competitive End User Channel Termination Service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in matrices set forth in 15.2 following with the optional feature or function listed down the left side and the technical specifications package listed across the top. (C)
- (E) The Telephone Company will maintain services installed prior to April 1, 1985, at their existing transmission specifications provided such performance specifications do not exceed the standards listed in this provision. Those services exceeding the standards listed will be maintained at the performance levels specified in this tariff.
- (F) All services installed after April 1, 1985 will conform to the transmission specifications standards contained in this tariff or in the following Technical References for each category of service:
- | | |
|-------------------------------|---------------------------------------|
| Metallic | TR-NPL-000336 |
| Telegraph Grade | TR-NPL-000336 |
| Voice Grade | TR- NWT-000335 |
| | PUB 41004 |
| | (MDP-326-584) Table 4 |
| Program Audio | GR-337-CORE and associated Addendum |
| Video | GR-338-CORE |
| Digital Data | TR-NWT-000341 and associated Addendum |
| For 2.4, 4.8, 9.6 & 56.0 Kpbs | Pub 62310 (MDP-326-726) |
| For 19.2 Kpbs | INC Bulletin CB-INC-100 |
| For 64.0 Kpbs | PUB 62310 (MDP-326-726) |
| High Capacity | GR-342-CORE |
| | GR-54-CORE |

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations

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

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(C)

(A) Two-Point Service

A two-point service connects two customer designated premises, either on a directly connected basis or through a hub where multiplexing functions are performed, or a customer designated premises and a WATS Serving Office (WSO).

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(C)

Applicable rate elements are:

- Non-Competitive End User Channel Terminations
-
- Optional Features and Functions (when applicable)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

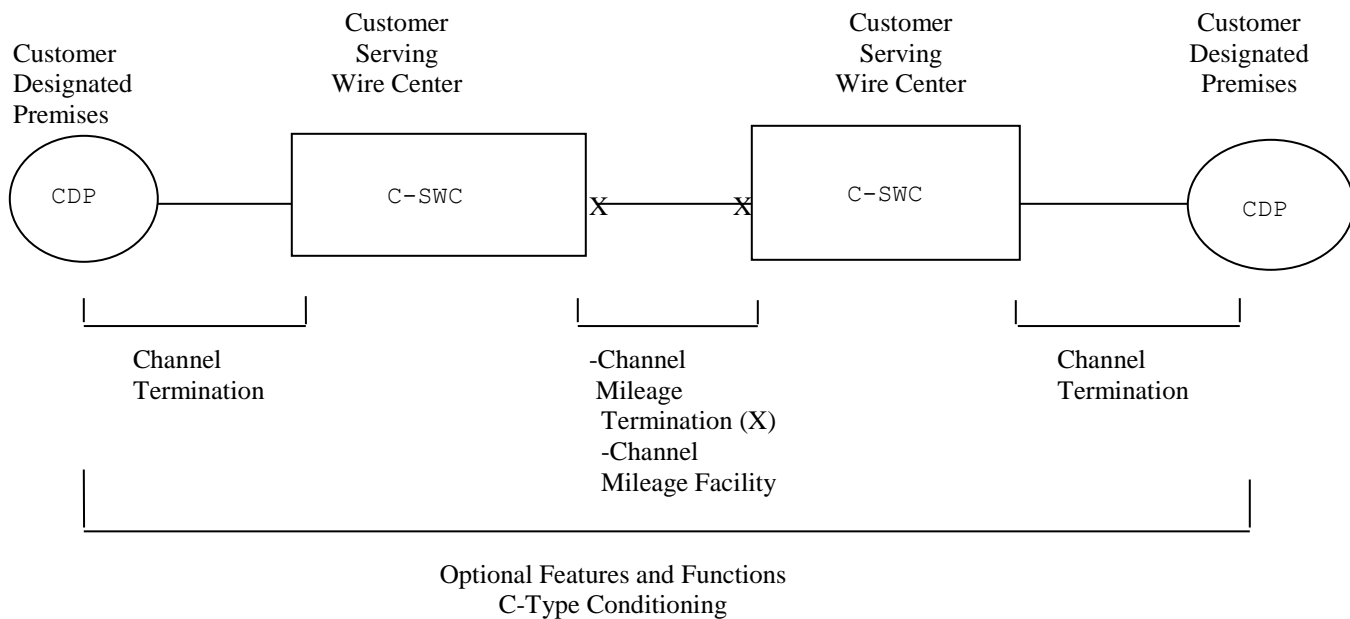
7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

A Special Access Surcharge, as set forth in 7.3 following, may be applicable.

The following diagram depicts a two-point Voice Grade service connecting two Customer Designated Premises (CDP). The service is provided with C-Type conditioning. The rate elements found in this tariff are the End User Channel Termination services in a Service Wire Center designated as Non-Competitive.

(C)
(C)



Applicable rate elements are:

- Channel Terminations (applicable one (1) per CDP)
- Channel Mileage
 - 2 Channel Mileage Terminations plus
 - 1 section, Channel Mileage Facility per mile
- C-Type Conditioning Optional Feature

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(B) Multipoint Service

Multipoint service connects three or more customer designated premises through one or more Telephone Company hubs. Only certain types of Special Access Service are provided as multipoint service. These are so designated in the descriptions for the appropriate channel.

The channel between hubs (i.e., bridging locations) on a multipoint service is a mid-link, which is not included in this tariff. There is no limitation on the number of mid-links available with a multipoint service. However, when more than three mid-links in tandem are provided the quality of the overall service maybe degraded. (C)

Multipoint service utilizing a customized technical specifications package, as set forth in 7.1.2 preceding and 15.2 following, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will specify the desired bridging hub(s). NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations and the type of bridging functions available.

Applicable Rate Elements are:

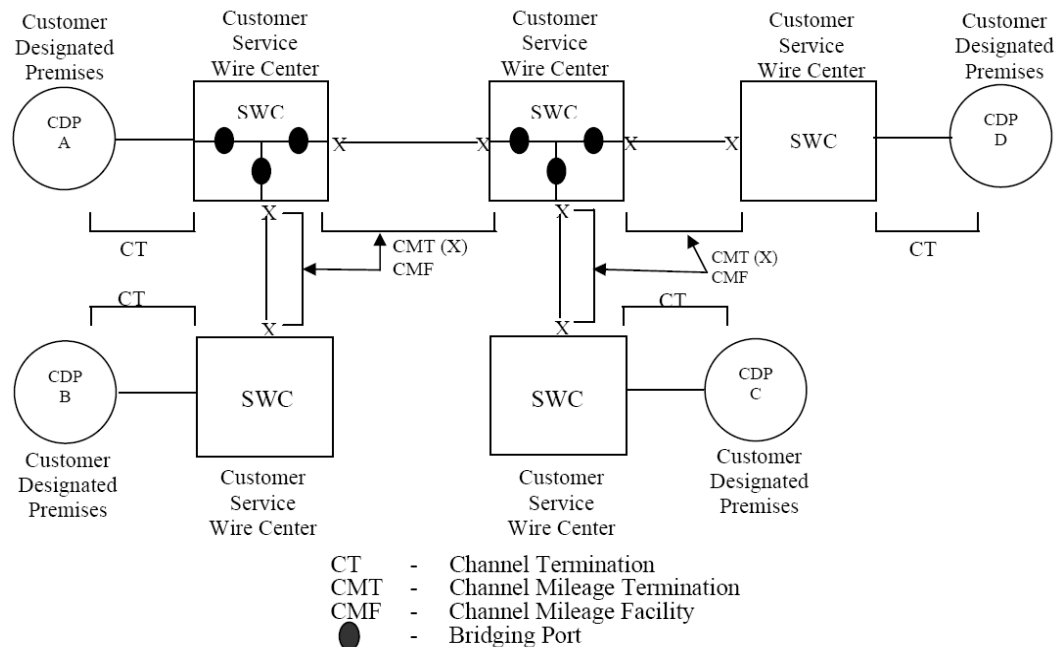
- Non-competitive End User Channel Terminations (one per customer designated premises) (C)
- Bridging (D)
- Additional Optional Features and Functions (when applicable). (D)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.3 Service Configurations (Cont'd)(B) Multipoint Service (Cont'd)

The Special Access Surcharge, as set forth in 7.3 following, may be applicable.

Example: The following diagram depicts a Voice Grade multipoint service connecting four customer designated premises (CDP) via two customer specified bridging hubs. The rate elements found in this tariff are the End User Channel Termination services in a Serving Wire Center designated as NonCompetitive.



Applicable rate elements are:

- Channel Terminations (4 applicable)
- Channel Mileage
 - 2 Channel Mileage Terminations per Channel Mileage Facility section for a total of 8, plus
 - 4 sections, Channel Mileage Facility per mile
- Bridging Optional Feature (6 applicable, i.e., each bridge port)

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(C) [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(C) [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(C) [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.4 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. following, 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 Channel Terminations] and Optional Features and Functions (if any)].

(C)
(C)7.1.5 Special Facilities Routing

A customer may request that the facilities used to provide Special Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in Section 11. following.

7.1.6 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer 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. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge and will be reissued or updated whenever these facilities are materially changed.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations

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

7.2.1 Rate Categories

The basic rate categories which apply to Special Access Service in this tariff are as follows: (C)
(C)

- Non-Competitive End User Channel Terminations (described in 7.2.1(A) following) (C)
- (D)
- Optional Features and Functions (described in 7.2.1(C) following). (D)

(A) Non-Competitive End User Channel Termination (C)

The Non-Competitive EUCT rate category recovers the costs associated with the communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Non-Competitive EUCT 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 is provided as an optional feature as set forth in (C) following. (C)
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One Non-Competitive EUCT charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are collocated in a Telephone Company building. (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(A) End User Channel Termination (Cont'd)

For a Special Access Digital Data Service 56.0 (M) or 64.0 Kbps Bit Rate or for a 1.544 Mbps or 44.736 Mbps High Capacity Service connecting a customer designated premises to a Frame Relay Access Service, there will be a charge for only one End User Channel Termination. For a 1.544 Mbps or 44.736 Mbps High Capacity Service or for an OC3 or OC12 Synchronous Optical Channel Service connecting a customer designated premises to an Asynchronous Transfer Mode Cell Relay Access Service, there will be a charge for only one End User Channel Termination. For a 44.736 Mbps High Capacity Service or for an OC3 or OC12 Synchronous Optical Channel Service connecting a customer designated premises to an Ethernet Transport Service, there will be a charge for only one End User Channel Termination.

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(B) [Reserved for Future Use]

(C)

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(D)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(B) [Reserved for Future Use] (Cont'd)

(C)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(B) [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.1 Rate Categories (Cont'd)(C) Optional Features and Functions

The Optional Features and Functions rate category recovers the costs associated with optional features and functions which may be added to a Special Access Non-Competitive End User Channel Termination to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of 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 as a single rate element.

(C)

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Conditioning

(D)

(D)

Descriptions for each of the available Optional Features and Functions are set forth in 7.4 through 7.7 following.

(C)

A hub is a Telephone Company designated serving wire center at which bridging or multiplexing functions are performed. The bridging functions performed are to connect three or more customer designated premises in a multipoint arrangement. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth.

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations, hub level (i.e., Hub, Terminus Hub, Intermediate Hub, or Super-Intermediate Hub) and the type of bridging or multiplexing functions available. Additionally, subtending wire centers are identified for Intermediate and Super-Intermediate Hubs.

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.2 Types of Rates and Charges

There are three types of rates and charges. These are monthly rates, daily rates and nonrecurring charges. The rates and charges are described as follows:

(A) Monthly Rates

Monthly rates are recurring rates that apply each month or fraction thereof that a Special Access Non-Competitive End User Channel Termination is provided. For billing purposes, each month is considered to have 30 days. (C)

(B) Daily Rates

Daily rates are recurring rates that apply to each 24 hour period or fraction thereof that a Program Audio or Video Special Access Service is provided for part-time use. For purposes of applying daily rates, the 24 hour period is not limited to a calendar day.

Part-time Video or Program Audio Service provided within a consecutive 30 day period will be charged the daily rate, not to exceed the monthly rate. For each day or partial day after a consecutive 30 day period of service, a charge equal to 1/30th of the monthly rate shall apply.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Special Access Non-Competitive End User Channel Termination are: installation of service, installation of optional features and functions, and service rearrangements. These charges are in addition to the Access Order Charge as specified in 17.4.1 following. (C)
(C)

(1) Installation of Service

Nonrecurring charges apply to each service installed. The nonrecurring charges for the installation of service are set for each channel type as a nonrecurring charge for the Non-Competitive EUCT. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.2 Types of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(2) Installation of Optional Features and Functions

When optional features and functions are installed coincident with the initial installation of service, no separate nonrecurring charge is applicable. When optional features and functions are installed or changed subsequent to the installation of service, an Access Order Charge as specified in 17.4.1 following will apply per order.

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which may be administrative only in nature, as set forth following, or that involve actual physical change to the service. Changes to pending orders are set forth in 5.4 preceding.

Changes in the physical location of the point of termination or customer designated premises are moves as set forth in 7.2.3 following.

Changes in the type of Non-Competitive End User Channel Termination which result in a change of the minimum period requirement will be treated as a discontinuance of the service and an installation of a new service.

(C)

Changes in ownership or transfer of responsibility from one customer to another will be treated as a discontinuance of the service and an installation of a new service. In the event the change in ownership or transfer of responsibility is as set forth in 2.1.2(A) preceding where there is no change in facilities or arrangements, the change will be treated as an administrative change.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name;
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment;
- Change in billing data (name, address, or contact name or telephone number);
- Change of agency authorization;
- Change of customer circuit identification;
- Change of billing account number;
- Change of customer test line number;
- Change of customer or customer's end user contact name or telephone number; and
- Change of jurisdiction.

All other service rearrangements will be charged as follows:

- If the change involves the addition of other customer designated premises to an existing service, the nonrecurring charge for the Non-Competitive End User Channel Termination rate element will apply. The charge(s) will apply only for the location(s) that is being added. The charge(s) will be in addition to an Access Order Charge as set forth in 17.4.1 following.

(C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.3 Moves (Cont'd)

(B) Moves To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

7.2.4 Minimum Periods

The minimum service period for all Special Access services except part-time Video and Program Audio services and DS3 Non-Competitive End User Channel Terminations is one month. The full monthly rate will apply to the first month. Adjustments for the quantities of services established or discontinued in any billing period beyond the minimum period are as set forth in 2.4.1(F) preceding. The minimum service period for part-time Video and Program Audio services is a continuous 24-hour period, not limited to a calendar day. The minimum service period for DS3 Non-Competitive EUCTs is twelve months.

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(C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.5 [Reserved for Future Use]

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.5 [Reserved for Future Use]

(C)

(D)

(D)

7.2.6 Facility Hubs

A customer has the option of ordering Voice Grade Non-Competitive End User Channel Termination or High Capacity services (i.e., DS1, or DS3) to a facility hub for channelizing to individual services requiring lower capacity facilities (e.g., Telegraph, Voice, Program Audio, etc.).

(C)

(C)

Different locations may be designated as hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. When placing an Access Order the customer will specify the desired hub.

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations, hub level (i.e., Hub, Terminus Hub, Intermediate Hub, or Super-Intermediate Hub) and the type of multiplexing functions available. Additionally, subtending wire centers are identified for Intermediate and Super- Intermediate Hubs.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.6 Facility Hubs (Cont'd)

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Point to point services may be provided on channels of these services to a hub. The transmission performance for the point to point service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps channel is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity.

The Telephone Company will commence billing the monthly rate for the service to the hub on the date specified by the customer on the Access Order. Individual channels utilizing these services may be installed coincident with the installation of the service to the hub or may be ordered and/or installed at a later date, at the option of the customer. Except as provided for in Section 7.2.1 preceding, the customer will be billed for a Voice Grade or a High Capacity Non-Competitive End User Channel Termination at the time the service is installed. Individual service rates (by service type) will apply for a Non-Competitive EUCT for each channelized service. These will be billed to the customer as each individual service is installed.

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(C)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.6 Facility Hubs (Cont'd)

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The Telephone Company will designate hubs for Program Audio and Video Services. Full-time or part-time service may be provided between customer designated premises or between a customer designated premises and a hub and billed accordingly at the monthly rates set forth in 17.3.5 and 17.3.6 following for a Non-Competitive End User Channel Termination and Optional Features and Functions, as applicable. When Non-Competitive EUCT is ordered to a hub, the customer may order full-time or part-time Video and Program Audio services as needed between that hub and additional customer designated premises. The rate elements required to provide the part-time service (i.e., Non-Competitive EUCT and Optional Features and Functions, as applicable) will be billed at daily rates for the duration of the service requested.

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(C)
(C)
(C)
(C)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.7 Mixed Use

Mixed use refers to a rate application applicable only when the customer orders High Capacity Special Access facilities between a customer designated premises and a Telephone Company hub or ADM equipped wire center where the Telephone Company performs multiplexing/de-multiplexing functions and the same customer then orders the derived channels as Special and Switched Access Services. If the customer has Switched Access Service between a customer designated premises and an end office that is multiplexed at a Telephone Company hub and subsequently orders the derived channels as Special and Switched Access Service, rates and charges will apply as if the service were ordered as mixed use.

(C)

Except as noted above, the High Capacity facility will be ordered, provided and rated as Special Access Service (i.e., Non-Competitive End User Channel Termination). The nonrecurring charge that applies when the mixed use facility is installed will be the nonrecurring charge associated with the appropriate Special Access High Capacity Non-Competitive EUCT.

(C)

(C)

(C)

Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for Switched Access Service. Individual service (i.e., Switched or Special Access) nonrecurring charges will not apply to the individual channels of the mixed use facility.

When Special Access Service is provided utilizing a channel of the mixed use facility to a hub, High Capacity rates and charges will apply for the facility to the hub, as set forth preceding, and individual service rates and charges will apply from the hub to the customer designated premises. The rates and charges that will apply to the portion from the hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, Telegraph, etc.). The applicable rates and charges will include a Non-Competitive EUCT. Rates and charges for optional features and functions associated with the service, if any, will apply for the appropriate channel type.

(C)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.7 Mixed Use (Cont'd)

As each individual channel is activated for Switched Access Service, the High Capacity Special Access Non-Competitive End User Channel Termination rates will be reduced accordingly (e.g., 1/24th for a DS1 service, 1/672nd for a DS3 service, etc.). (C)

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If the Special Access charges for the mixed use facility are subject to Optional Rate Plan discounts (e.g., Term Discount Optional Rate Plan) as set forth in 7.2.8 following, the Special Access charges will be reduced to reflect mixed use before the Optional Rate Plan discounts are applied. Switched Access Service rates and charges, as set forth in 17.2 following, will apply for each channel that is used to provide a Switched Access Service. The Switched Access Service Entrance Facility charge will be reduced by multiplying its rates by a rate reduction factor (i.e., the ratio of derived Switched Access Service channels to the total number of channels that can be derived). If the Telephone Company is providing Direct Trunked Transport, then the Direct Trunked Transport, Customer Node, Customer Premises Port, and Add/Drop Multiplexing charges will be reduced by multiplying their respective rates by the rate reduction factor. (C)

The following table shows the total voice grade equivalents for each of the services that may be used for Mixed Use.

High Capacity or Synchronous Optical Channel Service	DS3 Quantities	DS1 Quantities	Voice Grade Equivalents
DS1	n/a	1	24
DS3	1	28	672
OC3	3	84	2,016
OC12	12	336	8,064

The customer must place an order for each individual Switched or Special Access Non-Competitive End User Channel Termination utilizing the Mixed Use facilities and specify the channel assignment for each such service. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans

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(D)

(A) High Capacity Optional Rate Plan

The High Capacity Optional Rate Plan offers a Term Discount. The Term Discount plan applies to Special Access DS1 and DS3 High Capacity Service End User Channel Termination, monthly rates, as set forth following. The current monthly rates for such services are reduced by a fixed percentage. The amount of the discount percentage differs based on the length of the service commitment period selected by the customer. The Term Discount percentages for High Capacity Service are as set forth in Section 17.3.8 (C), following.

(C)

Discounts for the Term Discount plan are only applied to High Capacity Service provided to a customer within the same state and LATA by the same Telephone Company.

The minimum service period on a monthly rate basis is one month for DS1 service and twelve months for DS3 service.

(1) Term Discounts

DS1 and DS3 High Capacity Special Access Service may be ordered at the customer's option on a monthly rate basis or for Term Discount periods of 36 months (3 years) or 60 months (5 years).

The minimum service period for all Term Discount plans is twelve months. The customer must specify the length of the service commitment period at the time the service is ordered. The minimum service period will be waived for a High Capacity Service included in a Term.

(D)
(D)
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

For customers that subscribe to the Term Discount plan for 36 or 60 months, the Term Discount percentage as set forth in 17.3.8 following will be frozen from Company initiated decreases, for the entire discount period at the percent in effect at the beginning of the Term Discount period.

If a Term Discount Percentage increase occurs during the term of an existing Term Discount plan, the increased percentage will be applied automatically to the remainder of the current Term Discount period.

At the end of the Term Discount period, the customer may convert to month-to-month service or subscribe to a new Term Discount plan. If the customer does not make a choice by the end of the discount period, the rates will automatically convert to month-to-month service rates.

To be included in a Term Discount plan all eligible High Capacity rate elements must be ordered for the same commitment term (i.e., all 36 months or all 60 months) and with the same service date. When additional capacity is subsequently added, it will be available only on a month-to-month basis unless the discount period of the entire service is upgraded.

Eligible DS1 or DS3 High Capacity Non-Competitive EUCTs are provided to a customer within the same state and LATA by the same telephone company. As long as the number of DS1s and/or DS3s Non-Competitive EUCTs included in a Term Discount plan remains constant, customer requests to install and disconnect DS1 or DS3 services, including changes affecting different wire centers and/or customer designated premises, will not change the current Term Discount period or the minimum service period and Discontinuance of Service charges as set forth in (C) following will not apply.

(C)
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(C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(a) Upgrades in Term Discounts

Services provided under monthly rates or Term Discount rates may be upgraded to a Term Discount plan at anytime without incurring End User Channel Termination nonrecurring charges or discontinuance charges for existing services. The new Term Discount plan must meet or exceed the service term of the plan being upgraded. For example, a service with a 36 month commitment period may be upgraded to a new 36 month, or 60 month service period. The monthly rates will be those that are in effect at the time the service is upgraded. A new minimum service period applies to all High Capacity Service that is upgraded.

(C)

(b) Upgrades in Capacity (DS1 to DS3)

If the customer chooses to upgrade a service under the Term Discount rate plan to a higher capacity (i.e., DS1 to DS3), discontinuance charges will not apply, provided all the following conditions are met:

- the customer's order for the disconnect of the existing DS1 Service and the installation of the new DS3 Service are received at the same time and specifically reference the application of upgrade in capacity;
- the customer's disconnect order for the existing DS1 Service must reference the DS3 Service installation order;
- the new service has a total voice equivalent channel capacity greater than the total voice equivalent channel capacity of the service being discontinued; and
- the new Term Discount period meets or exceeds the Term Discount period being discontinued.

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.8 Optional Rate Plans (Cont'd)(A) High Capacity Optional Rate Plan (Cont'd)(1) Term Discounts (Cont'd)(b) Upgrades in Capacity (DS1 to DS3) (Cont'd)

A new minimum service period applies to all upgrades. Non-Competitive EUCTs nonrecurring charges for an equivalent channel capacity of the existing services being upgraded to the higher speed service will not be assessed. For example, 30 existing DS1 Services are being upgraded to DS3 Service at the customer's request. A capacity of 3 is installed at the customer's request. A total of 2 DS3 EUCT rate elements will be installed without End User Channel Termination nonrecurring charges being assessed, as it will require 2 DS3 EUCT rate elements to provide the equivalent channel capacity of the existing services. Non-Competitive EUCTs nonrecurring charges will not apply to the upgraded lower speed services placed on the higher speed service if requested at the same time as the upgrade request. End User Channel Termination nonrecurring charges will apply for capacity that exceeds the existing equivalent channel capacity. (C)
(C)
(C)
(C)
(C)
(C)

Should the customer choose to upgrade either a portion of, or the entire (e.g. DS1) Service under the Term Discount plan to a DS3) Service and move the service to a new customer location(s) within the same state and LATA, and when service is provided by the same telephone company, discontinuance charges will not apply.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(d) Discontinuance of Service

Discontinuance charges, as described below, will apply to the portion of the service being discontinued when the customer chooses to disconnect all or a portion of its service prior to the expiration of the term commitment period.

(C)

- (i) Should the customer choose to discontinue a Term Discount plan prior to the completion of the minimum service period, discontinuance charges will apply. Discontinuance charges equal to one-hundred percent of the total undiscounted monthly rates, less any amounts previously paid, will apply for the minimum service period. Additionally, discontinuance charges of fifteen percent for DS1 Service, and thirty-five percent for DS3 Service, of the total undiscounted monthly charges will apply to the remaining portion of the term commitment period.
- (ii) Should the customer choose to discontinue service ordered under a Term Discount plan after the minimum service period but before the completion of the discount period, discontinuance charges will apply. Discontinuance charges of fifteen percent for DS1 Service, and thirty-five percent for DS3 Service, of the total undiscounted monthly charges will apply to the remaining portion of the discount period. For example, a customer has a DS1 Service which it chooses to discontinue after 33 months into a 60-month service term. The discontinuance charge would be 0.15 times 27 months times the undiscounted monthly rates for that service.

7. Special Access Service (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

7. Special Access Service (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.9 Application of Competitive and Non-Competitive Rates

(A) Transport, Optional Features and Functions, Non-End User Channel Terminations

The FCC has deemed all Special Access transport rate elements, non-end user channel terminations, end user channel terminations for services with a bandwidth greater than a DS3, and packet-based end user channel terminations to be eligible for relief from price cap regulation. Relief from price cap regulation also applies to multiplexing, certain optional features and functions and the non-recurring charges that are not associated with end-user channel terminations. These rate elements are provided outside of this tariff.

Documents, agreements or contracts that provide service outside this tariff may be accessed at the Company's website or the Company's other designated location. Rates and regulations for Special Access Service provided outside this tariff cannot supersede, negate or revise the rates and regulations contained within this tariff.

(C)
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(C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.9 Application of Competitive and Non-Competitive Rates

(B) End User Channel Terminations

The application of rates to End User Channel Terminations for non-packet based Special Access Services with a bandwidth equal to or less than a DS3 is dependent upon whether the serving wire center is located in a Competitive County or a Non-Competitive County. If the Serving Wire Center associated with an End User Channel Termination is located in a Competitive County, rates are provided outside of this tariff. If the End User Channel Termination is served by a serving wire center in a Non-Competitive County, non-competitive rates and charges in Section 17 apply.

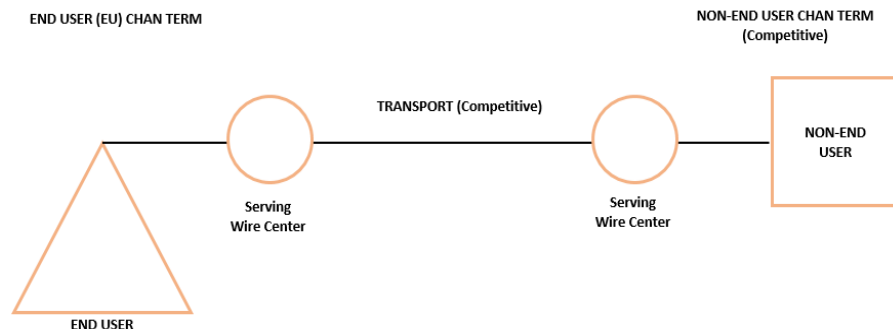
(C)
(C)

All wire centers in the Telephone Company's operating territory except for the Wire Center located in Grand Isle County are deemed Competitive. The Alburgh (ALBGVTXA) Wire Center in Grand Isle County is deemed Non-Competitive.

Examples of competitive and non-competitive rate applications for non-packet based circuits that have a bandwidth of a DS3 or less are illustrated in the following diagrams:

Example 1:

Non-End User to End User Circuit Design



Competitive rates apply to the non-end user Channel Termination (Chan Term). End User Channel Termination rates depend on the location of the end user service wire center (SWC). If the SWC is located in a Non-Competitive County, the end-user Chan Term is non-competitive. Otherwise, the end-user Chan Term is competitive.

ACCESS SERVICE

7. Special Access Service (Cont'd)

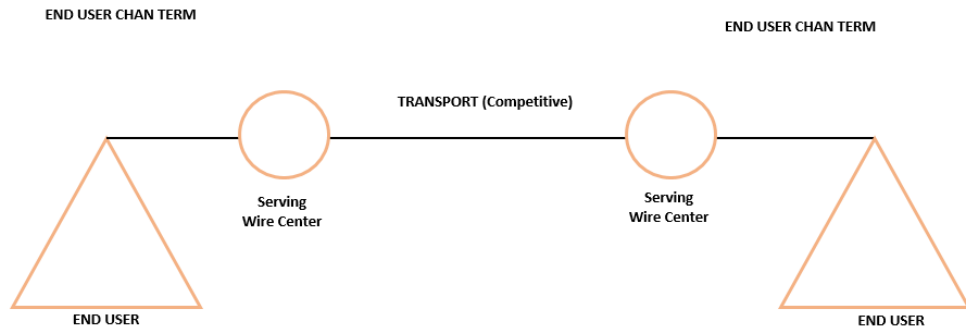
7.2 Rate Regulations (Cont'd)

7.2.9 Application of Competitive and Non-Competitive Rates

(B) End-User Channel Terminations (Cont'd)

Example 2:

End User to End User Circuit Design



Channel Termination rates depend on the location of each end user serving wire center. If SWC is located in a non-competitive county, Section 31 end-user Chan Term rates apply.

(C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

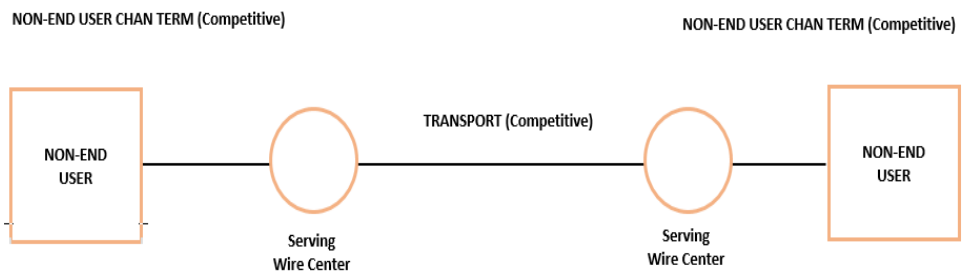
7.2 Rate Regulations (Cont'd)

7.2.9 Application of Competitive and Non-Competitive Rates

(B) End-User Channel Terminations (Cont'd)

Example 3:

**ACCESS CARRIER TERMINAL LOCATION to ACCESS CARRIER TERMINAL
LOCATION Connection**



Rates are excluded from this tariff, regardless of whether the serving wire centers are in a Competitive or Non-Competitive County.

(C)
(C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

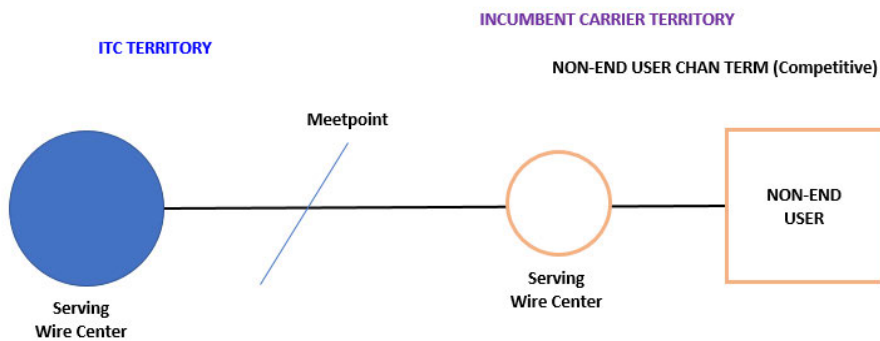
7.2 Rate Regulations (Cont'd)

7.2.9 Application of Competitive and Non-Competitive Rates

(B) End-User Channel Terminations (Cont'd)

Example 4:

Access Carrier Terminal Location to Independent Carrier (ITC)



Rates are excluded from this tariff, regardless of whether the serving wire centers are in a Competitive or Non-Competitive County.

(C)
(C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(A) Central Office Bridging Capability (Cont'd)

(5) Telemetry and Alarm Bridging

Split Band, Active Bridging
Passive Bridging
Summation, Active Bridging

The rates for these options are set forth in 17.3.4(C)(1)(e) following.

(B) [Reserved for Future Use]

(C)

(D)

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(D)

(C) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services. The rates for these options are set forth in 17.3.4(C) following.

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

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(F) Signaling Capability

Signaling Capability provides for the ability to transmit signals from one customer premises to another customer premises on the same service. The rate for this option is set forth in 17.3.4(C)(6) following.

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

The following network 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. The signaling capability charge will not apply when used in the provision of WATS access service.

(G) [Reserved for Future Use]

(C)

(D)

(D)

(H) [Reserved for Future Use]

(C)

(D)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(I) [Reserved for Future Use]

(C)

(D)

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(D)

(J) Four-Wire/Two-Wire Conversions

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer designated premises, a four-wire to two-wire conversion is required. The customer will be charged the four-wire Non Competitive End User Channel Termination rate as set forth in 17.3.4(A) following when an effective four-wire is specified in the order for service. The rate for the conversion is included as part of the basic four-wire Non-Competitive EUCT rate.

(C)

(C)

(C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.7 Program Audio Service

7.7.1 Basic Channel Description

A Program Audio channel is a channel with bandwidth measured in Hz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. Only one-way transmission is provided. Program Audio channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

Program Audio Special Access services are typically used in full-time and part-time applications for radio broadcasting, noncommercial educational audio, and wired music. These examples of applications are not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

Rates and charges for Special Access Program Audio Service are as set forth in 17.3.5 following.

7.7.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in 15.2.1(D) following. Compatible network channel interfaces are set forth in 15.2.2(C)(4) following.

7.7.3 Optional Features and Functions

(A) Central Office Bridging Capability

Distribution Amplifier

(B) Gain Conditioning

Control of 1004 Hz AML at initiation of service to 0 dB \pm 0.5 dB.

(C) [Reserved for Future Use]

(C)

(D)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Digital Data Service (Cont'd)

7.9.2 Technical Specifications Packages and Network Channel Interfaces (Cont'd)

The following network channel interfaces (NCIs) define the bit rates that are available for a Digital Data channel:

<u>NCI</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-56	56.0 Kbps
DU-64	64.0 Kbps

7.9.3 Optional Features and Functions

(A) Central Office Bridging Capability

Bridging is not available on a 64.0 Kbps channel.

(B) [Reserved for Future Use]

(D)
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(D)

(C)

(D)
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|
|
|
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Digital Data Service (Cont'd)

7.9.3 Optional Features and Functions (Cont'd)

(C) [Reserved for Future Use]

(C)

(D)

(D)

(D) [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 High Capacity Service7.10.1 Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 Kbps*, 1.544, (C)
or 44.736 Mbps isochronous serial data. The actual bit rate is a function of the channel (C)
interface selected by the customer. High Capacity channels are provided between
customer designated premises or between a customer designated premises and a
Telephone Company hub or hubs. In addition, 1.544 Mbps and 44.736 Mbps High
Capacity Service channels may be provided between a customer designated premises and
a Telephone Company designated DSL Access Service Connection Point, between a
customer designated premises and a serving wire center equipped with Asynchronous
Transfer Mode Cell Relay Access Service, between a customer designated premises and a
serving wire center equipped with Frame Relay Access Service (FRAS), between a
Telephone Company serving wire center equipped with ATM-CRS and another telephone
company ATM-equipped serving wire center and/or between a Telephone Company
serving wire center equipped with FRAS and another telephone company serving wire
center equipped with a frame relay switch that is located in a non-adjacent serving
territory.

Additionally, a 44.736 Mbps High Capacity Service channel may be provided between a
customer designated premises and a serving wire center equipped with Ethernet
Transport Service (ETS) and/or between a Telephone Company serving wire center
equipped with ETS and another telephone company Ethernet-equipped serving wire
center that is located in a non-adjacent serving territory.

The customer may provide the Network Channel Terminating Equipment associated with
the High Capacity channel at the customer's premises.

A channel with technical specifications package DS1 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-342-
CORE.

A term discount is available for High Capacity Service.

Rates and charges for Special Access High Capacity Service are as set forth in 17.3.8
following.

- Available only as a channel 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 channels of two 1.544 Mbps facilities to a Digital Data hub(s). The customer must provide system and channel assignment data.

ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 High Capacity Service (Cont'd)7.10.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in 15.2.1(G) following. Compatible channel interfaces are set forth in 15.2.2(C)(7) following.

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

<u>NCI</u>	<u>Bit Rate</u>
DS-15*	1.544 Mbps (DS1)
DS-44	44.736 Mbps (DS3)

(D)

(D)

(D)

* A 64.0 Kbps channel is available as a channel(s) of a 1.544 Mbps channel to a Telephone Company hub.

7. Special Access Service (Cont'd)

7.10.3 Optional Features and Functions

(A) [Reserved for Future Use]

(C)

(D)

(D)

(B) [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.3 Optional Features and Functions (Cont'd)

(C) [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.3 Optional Features and Functions (Cont'd)

(E) [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

10. Special Federal Government Access Service10.1 General

This section covers specialized Access Services that are provided to a customer for use only by agencies or branches of the Federal Government and other users authorized by the Federal Government. Services provided to state emergency operations centers are included. These services provide for command and control communications, including communications for national security, emergency preparedness and presidential requirements. They are required to assure continuity of Government in emergency and crisis situations and to provide for national security.

(C)

Services for command and control communications and for national security and emergency preparedness sometimes require short notice and short duration service provisions. These provisions are especially needed to meet presidential requirements or in response to natural, man-made, or declared emergencies. Requirements of this type cannot be forecasted and are usually needed for a relatively short period. The provision of service under these conditions may require the availability of facilities, such as portable microwave equipment, which are provided on a temporary basis by the Telephone Company or customer.

10. Special Federal Government Access Service (Cont'd)

10.5 Service Offerings to the Federal Government

(D)

11

(D)

10.5.1 Type and Description

(A) [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

10. Special Federal Government Access Service (Cont'd)

10.5 Service Offerings to the Federal Government (Cont'd)

10.5.1 Type and Description (Cont'd)

(A) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

10. Special Federal Government Access Service (Cont'd)

10.5 Service Offerings to the Federal Government (Cont'd)

10.5.1 Type and Description (Cont'd)

(A) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

(B) [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

10. Special Federal Government Access Service (Cont'd)

10.5 Service Offerings to the Federal Government (Cont'd)

10.5.2 [Reserved for Future Use]

(C)

(D)

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(D)

ACCESS SERVICE

10. Special Federal Government Access Service (Cont'd)

10.6 Rates and Charges

10.6.1 General

The rates and charges for special offerings to the Federal Government are developed on an individual case basis. (C)
(C)

10.6.2 [Reserved for Future Use] (C)

(D)
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(D)

10.6.3 Move Charges

(A) When a service without a termination charge associated with that service is moved to a different building, the nonrecurring charge applies; when moved to a new location in the same building, a charge of one-half of the nonrecurring charge applies. (C)

(B) When service with a termination charge associated with that service is moved and reinstalled at a new location, the customer may elect: (C)

- to pay the unexpired portion of the termination charge for the service, if any, with the application of a nonrecurring charge and the establishment of a new termination charge for such service at the new location, or
- to continue service subject to the unexpired portion of the termination charge, if any, and pay the estimated costs of moving such service, provided that the customer requests these charges be quoted prior to ordering the service move. Charges for moving such service will be based on estimated costs attributable to the move.

Move charges include the estimated costs of removal, restoration of services or facilities necessitated by the move, transportation, storage, reinstallation, engineering, labor, supervision, materials, administration, and any other specific items of cost directly attributable to the move.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services

These charges apply to Special Access Service for Non-Competitive End User Channel Terminations and Optional Features and Functions regulated in this tariff. Additional Engineering, Additional Labor and Miscellaneous Services charges may apply to all other detariffed Special Access rate elements excluded from the tariff as described in Section 1.1. Engineering, Additional Labor and Miscellaneous Services charges applied to Switched Access are included herein. 13.1 addresses Additional Engineering. 13.2 addresses Additional Labor (which is comprised of Overtime Installation, Overtime Repair, Standby, Testing and Maintenance with Other Telephone Companies, and Other Labor). 13.3 addresses Miscellaneous Services (which are comprised of Testing Services, Maintenance of Service and Telecommunications Service Restoration Priority). 13.4 addresses Presubscription.

In this section, normally scheduled working hours are an employee's scheduled work period in any given calendar day (e.g., 8:00 a.m. to 5:00 p.m.) for the application of rates based on working hours.

A Miscellaneous Service Order charge as described in 5.4.2 preceding may be applicable to services ordered from this section.

13.1 Additional Engineering

Additional Engineering, including engineering reviews as set forth in 5.4.3 preceding, will be undertaken only after the Telephone Company has notified the customer that additional engineering charges apply as set forth in 17.4.2 following, and the customer agrees to such charges.

Additional Engineering will be provided by the Telephone Company at the request of the customer only when:

- (A) A customer requests additional technical information after the Telephone Company has already provided the technical information normally included on the Design Layout Report (DLR) as set forth in 6.1.5 and 7.1.6 preceding.
- (B) Additional Engineering time is incurred by the Telephone Company to engineer a customer's request for a customized service as set forth in 7.1.2 preceding.
- (C) A customer requested Design Change requires the expenditure of Additional Engineering time. Such additional engineering time is incurred by the Telephone Company for the engineering review as set forth in 5.4.3 preceding. The charge for additional engineering time relating to the engineering review, which is undertaken to determine if a design change is indeed required, will apply whether or not the customer authorizes the Telephone Company to proceed with the Design Change. In this case the Design Change charge, as set forth in 17.4.1(C) following, does not apply unless the customer authorizes the Telephone Company to proceed with the Design Change.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)15.2 Special Access Service

This section explains and lists the codes that the customer must specify when ordering Special Access Service for Non-Competitive End User Channel Terminations and Optional Features and Functions regulated in this tariff. Codes necessary to order special Access Service rate elements which are detariffed as described as competitive in section 1.1 are also included in this section. In addition, this section provides and lists the codes necessary for ordering Switched Access Entrance Facilities, and Voice Grade and High Capacity Direct Trunked Transport. These codes provide a standardized means to relate the services being ordered to Special Access Service offerings contained in Section 7 preceding.

When ordering, the type of Special Access Service or Switched Access Entrance Facility or Direct Trunked Transport is described by two code sets, the Network Channel (NC) code and the Network Channel Interface (NCI) codes.

The Network Channel (NC) code consists of two elements. Element one is a Channel Service Code (character positions 1 and 2) that describes the channel service type in an abbreviated form. Element two is an Optional Feature Code (character positions 3 and 4) that identifies option codes available for each channel service code, such as C-conditioning or Improved Return Loss.

The Network Channel Interface (NCI) is used to identify interface specifications associated with a particular channel. This code describes the total wires, protocol, impedance, protocol options and transmission level point(s) reflecting physical and electrical characteristics between the Telephone Company and the customer.

On the following 3 pages are examples which explain the specific characters of the codes and which reference matrices and charts used in developing the codes. Included in the matrices are Service Designator (SD) codes which are used to identify variations of service within service types (e.g., TG1 = Telegraph). The SD and NC codes are displayed as components of the matrices designated as Technical Specifications packages in (A) through (G) following. Through the use of these matrices, SD codes may be converted to NC codes for service ordering purposes.

A chart is also provided in 15.2.2(A) following which contains information necessary to develop NCI codes.

(C)
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(C)

ACCESS SERVICE

16. [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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(D)

ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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(D)

ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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(D)

ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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(D)

ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

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ACCESS SERVICE

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16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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16. [Reserved for Future Use] (Cont'd)

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16. [Reserved for Future Use] (Cont'd)

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16. [Reserved for Future Use] (Cont'd)

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16. [Reserved for Future Use] (Cont'd)

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16. [Reserved for Future Use] (Cont'd)

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16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

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ACCESS SERVICE

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16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

16. [Reserved for Future Use] (Cont'd)

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(D)

(D)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)17.3 Special Access Service17.3.1 Surcharge for Special Access Service

	<u>Monthly Rate</u>	<u>Tariff Section Reference</u>
- Per Voice Grade Equivalent	\$25.00	7.3

17.3.2 Metallic Service

Regulations Concerning Metallic Service are set forth in Section 7.4, preceding.

(A) Channel Termination, Per Termination

Non-Competitive End User Channel Termination (EUCT)
Per Termination

(T)

(D)

(D)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Consolidated Communications of Northland Company (VT) – Alburgh Exchange	\$29.50	\$450.00

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Metallic Service (Cont'd)

(B) [Reserved for Future Use]

(D)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Metallic Service (Cont'd)

Regulations Concerning Metallic Service are set forth in Section 7.4, preceding.

(C) Optional Features and Functions

(1) Bridging, Per Port

Monthly Rates

	<u>3 Premises Bridging</u>	<u>Series Bridging</u>	
			(D)
			(D)
			(D)
Consolidated Communications of Northland Company (VT) – Alburgh Exchange	\$6.94	\$6.94	(T)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Telegraph Grade Service

Regulations concerning Telegraph Grade Service are set forth in Section 7.5, preceding.

(A) Channel Termination, Per Termination

End User Channel Termination

(T)

Non-Competitive Serving Wire Center

(T)

2-Wire

4-Wire

Nonrecurring
Charge

(D)

—
—
—
—
—

(D)

Consolidated Communications of

Northland Company (VT) – Alburgh Exchange

\$29.50

\$59.01

\$450.00

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Telegraph Grade Service (Cont'd)

(B) [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Telegraph Grade Service (Cont'd)

Regulations concerning Telegraph Grade Service are set forth in Section 7.5, preceding.

(C) Optional Features and Functions

(1) Telegraph Bridging, Per Port

	<u>Monthly Rates</u>		
	<u>2-Wire</u>	<u>4-Wire</u>	
Consolidated Communications of			(D)
Northland Company (VT) – Alburgh Exchange	\$6.94	\$6.94	(D)
			(D)
			(T)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.6, preceding

(A) Channel Termination, Per Termination

(D)
↓
↓
↓
↓
↓
↓
(D)

End User Channel Termination

(T)

Non-Competitive Serving Wire Center

(T)

	<u>Monthly Rates</u>		Nonrecurring Charge <u>All</u>
	<u>2-Wire</u>	<u>4-Wire</u>	
Consolidated Communications of Northland Company (VT) – Alburgh Exchange	\$38.61	\$61.78	\$450.00

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(B) [Reserved for Future Use]

(C)

(D)

(D)

(C) Optional Features and Functions

(1) Bridging

- (a) Voice Bridging, Per Port
- (b) Data Bridging, Per Port
- (c) Telephoto Bridging, Per Port

Monthly Rates

2-Wire

4-Wire

Consolidated Communications of
Northland Company (VT) – Alburgh Exchange

\$6.94

\$6.94

(D)

(D)

(D)

(T)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(1) Bridging (Cont'd)

(d) DATAPHONE Select-A-Station-Bridging

Monthly Rates

	Sequential Arrangement Ports Per Channel Connected <u>2-Wire</u>	Sequential Arrangement Ports Per Channel Connected <u>4-Wire</u>	Addressable Arrangement Ports Per Channel Connected <u>2-Wire</u>	Addressable Arrangement Ports Per Channel Connected <u>4-Wire</u>	
					(D)
					(D)
					(D)
Consolidated Communications of Northland Company (VT) – Alburgh Exchange	\$23.69	\$125.67	\$25.35	\$109.76	(T)

(e) Telemetry & Alarm Bridging Active Bridging
Channel Connections

Monthly Rates

	Per Channel Per Connections Connected <u>Split Band</u>	Passive Bridging Channel Channel Connected <u>Summation</u>	Per Channel <u>Connected</u>	
				(D)
				(D)
				(D)
Consolidated Communications of Northland Company (VT) – Alburgh Exchange	\$11.06	\$4.32	\$0.30	(T)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(2) Conditioning, Per Termination

Monthly Rates

	<u>C- Type</u>	<u>Improved Attenuation Distortion</u>	<u>Improved Envelope Delay Distortion</u>	<u>Data Capability</u>	<u>Telephoto Capability</u>	<u>Sealing Current</u> (D) (D) (D)
Consolidated Comm. of Northland Company (VT) - Alburgh Exchange	\$7.69	ICB	ICB	\$7.32	\$9.64	ICB (T)

(3) Improved Return Loss for Effective 2-Wire or 4-Wire
Transmission, Per Termination

Monthly Rates

	<u>2-Wire</u>	<u>4-Wire</u>	(D) (D) (D)
Consolidated Comm of Northland Company (VT) - Alburgh Exchange	\$13.66	\$13.66	(T)

* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(4) Customer Specified Receive Level, Per 2-Wire Termination (T)

(D)
(D)
(T)
(D)

(4)
Customer
Specified
Receive
Level, Per 2-
Wire Term

(D)

(D)

(T)
(T)

(5)
Signaling
Capability,
Per
Termination

(D)

(D)

(T)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)17.3 Special Access Service (Cont'd)17.3.5 Program Audio Service

Tariff	(T)
Section	
Reference	
7.2.2(B)	(T)

(A) Channel Termination, Per Termination

(T)

End User Channel Termination

(T)

Non-Competitive Serving Wire Center

(T)

200 to 3500 Hz

	<u>Monthly Rate</u>	<u>Daily Rate*</u>	<u>Nonrecurring Charge Monthly/Daily</u>
Consolidated Communications of Northland Company (VT)– Alburgh Exchange	\$52.53	\$5.25	\$450.00

100 to 5000 Hz

Consolidated Communications of Northland Company (VT) – Alburgh Exchange	\$91.47	\$9.15	\$450.00
---	---------	--------	----------

50 to 8000 Hz

Consolidated Communications of Northland Company (VT) – Alburgh Exchange	\$91.47	\$9.15	\$450.00
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* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)17.3 Special Access Service (Cont'd)17.3.5 Program Audio Service (Cont'd)(A) Channel Termination, Per Termination (Cont'd)

End User Channel Termination			
Non-Competitive Serving Wire Center			
<u>50 to 15000 Hz</u>			
	<u>Monthly Rate</u>	Nonrecurring Charge <u>Daily Rate*</u>	<u>Monthly/Daily</u>
Consolidated Communications of Northland Company (VT) – Alburgh Exchange	\$91.47	\$9.15	\$450.00

*Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Program Audio Service (Cont'd)

(B) [Reserved for Future Use]

(C)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Program Audio Service (Cont'd)

(B) [Reserved for Future Use] (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Program Audio Service (Cont'd)

(C) Optional Features and Functions

		(1)		(2)
	Bridging Distribution Amplifier Per Port <u>Monthly Rate</u>	Bridging Distribution Amplifier Per Port <u>Daily Rate*</u>	Gain Conditioning Per Service Monthly <u>Rate</u>	Gain Conditioning Per Service <u>Daily Rate*</u>
Consolidated Communications of Northland Company (VT) – Alburgh Exchange	\$21.31	\$2.13	\$13.79	\$1.38
				(D)
				(D)
				(D)
				(T)

(D)

(D)

(D)

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Video Service

Regulations concerning Video Service are set forth in Section 7.8,
preceding

(D)

(D)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Video Service (Cont'd)

(A) Channel Termination, Per Termination

End User Channel Termination

(T)

(T)

(D)

(D)

(T)

Non-Competitive Serving Wire Center

	TV-1 or 2 Monthly <u>Rate</u>	TV-1 or 2 Daily <u>Rate*</u>	4TV-5 Monthly <u>Rate</u>	4TV-5 Daily <u>Rate*</u>	Nonrecurring Charge <u>All</u>
Consolidated Communications of Northland Company (VT)					
– Alburgh Exchange	\$542.73	\$298.50	\$542.73	\$298.50	\$330.00
	6TV-5	6TV-5	TV-15	TV-15	Nonrecurring
	Monthly <u>Rate</u>	Daily <u>Rate*</u>	Monthly <u>Rate</u>	Daily <u>Rate*</u>	Charge <u>All</u>
Consolidated Communications of Northland Company (VT)					
– Alburgh Exchange	\$542.73	\$298.50	\$542.73	\$298.50	\$330.00
*Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.					

Transmittal No. 106

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ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Video Service (Cont'd)

Regulations concerning Video Service are set forth in Section 7.8,
preceding

(B) [Reserved for Future Use]

(T)

(C)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.9, preceding

(A) Channel Termination, Per Termination

(D)

(D)

End User Channel Termination

(T)

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(D)

Non-Competitive Serving Wire Center

(T)

	2.4, 4.8, 9.6, 19.2 <u>Kbps</u>	<u>Monthly Rate</u>		Nonrecurring Charge <u>All</u>
		<u>56.0 Kbps</u>	<u>64.0 Kbps</u>	
Consolidated Communications of Northland Company (VT) – Alburgh Exchange	\$71.43	\$71.43	\$71.43	\$390.00

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Effective: August 1, 2020

Vice President - Regulatory
5 Davis Farm Road, Portland, ME 04103

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Digital Data Service (Cont'd)

(B) [Reserved for Future Use]

(C)

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ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Digital Data Service (Cont'd)

(B) [Reserved for Future Use] (Cont'd)

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(C) Optional Features and Functions

		<u>Monthly Rate</u>
	(1)	(D)
	<u>Bridging</u>	
	<u>Per Port</u>	
	(D)	
	(D)	
	(D)	
	(D)	
Consolidated Communications of Northland Company	\$8.39	(D)
Company – Alburgh Exchange (VT)	(T)	

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Digital Data Service (Cont'd)

(D) Channel Service Unit Per Termination****

Monthly Rate

2.4, 4.8, 9.6, 56.0
Kbps

Consolidated Communications of Northland Company (VT) – Alburgh Exchange \$33.16

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**** Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3.8 High Capacity Service

(A) Channel Termination, Per Termination

(D)

(D)

End User Channel Termination

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Non-Competitive Serving Wire Center

(T)

	DS1 1.544 <u>Mbps</u>	–	Nonrecurring Charge <u>All</u>	DS3-44.736 <u>Mbps</u>	Nonrecurring Charge <u>All</u>
Consolidated Communications of Northland Company (VT) – Alburgh Exchange	\$194.67		\$330.00	\$1,734.75	\$445.00

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

DS1C 3.152 Mbps

Monthly Rate

Nonrecurring Charge

ICB

ICB

DS2 6.312 Mbps

Monthly Rate

Nonrecurring Charge

ICB

ICB

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ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(B) [Reserved for Future Use]

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(C) Optional Rate Plan Term Discounts

	<u>Percentage</u>
DS1 & DS3 Service	
36 Months	10%
60 Months	20%

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(D) [Reserved for Future Use]

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ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(D) [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(E) [Reserved for Future Use]

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(F) [Reserved for Future Use]

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3.9 [Reserved for Future Use]

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ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3.9 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3.9 [Reserved for Future Use] (Cont'd)

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[illegible]

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.3.9 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)17.3.9 [Reserved for Future Use] (Cont'd)

(D)

ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4 Other Services (Cont'd)

17.4.5 [Reserved for Future Use]

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ACCESS SERVICE

17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4 Other Services (Cont'd)

17.4.6 Special Facilities Routing of Access Services

(A) Diversity

For each service provided in accordance with 11.1.1 preceding, the rates and charges will be developed on an individual case basis.

(B) Avoidance

For each service provided in accordance with 11.1.2 preceding, the rates and charges will be developed on an individual case basis.

(C) Diversity and Avoidance Combined

For each service provided in accordance with 11.1.1 and 11.1.2 preceding, combined, the rates and charges will be developed on an individual case basis.

(D) Cable-Only Facilities

For each service provided in accordance with 11.1.4 preceding, the rates and charges will be developed on an individual case basis.

(E) Specialized Service or Arrangements

Specialized Service or Arrangements are provided on an individual case basis.

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use]

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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17. Rates and Charges – Consolidated Communications Companies (Cont'd)

17.4.7 [Reserved for Future Use] (Cont'd)

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ACCESS SERVICE

18. Special Construction

Application of Section

This section contains regulations, rates, charges and liabilities applicable for the special construction of interstate facilities provided by the Issuing, Concurring, Connecting or Other Participating Carriers of this tariff, hereinafter referred to as the Telephone Company. When special construction of facilities is required, the provisions of this section apply in addition to all regulations, rates and charges set forth in the other sections of this tariff.

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(N)18.1 Regulations18.1.1 Filing of Charges

Rates, charges and liabilities for special construction to provide facilities for use for one month or more are listed in Section 4.

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18.1.2 Ownership of Facilities

The Telephone Company providing specially constructed facilities under the provisions of this tariff retains ownership of all such facilities.

18.1.3 Interval to Provide Facilities

Based on available information and the type of service ordered, the Telephone Company will establish a completion date for the specially constructed facilities. If the scheduled completion date cannot be met due to circumstances beyond the control of the Telephone Company, a new completion date will be established and the customer will be notified.

18.1.4 Special Construction Involving Both Interstate and Intrastate Facilities

When special construction involves facilities to be used to provide both interstate and intrastate services, charges for the portion of the construction used to provide interstate service shall be in accordance with this tariff. Charges for the portion of the construction used to provide intrastate service shall be in accordance with the appropriate intrastate tariff.

18.1.5 Payments for Special Construction(A) Payment of Charges

All bills associated with special construction charges are due in accordance with the regulations in the appropriate service tariff.

(B) Start/End of Billing

Billing of recurring charges for specially constructed facilities starts on the day after the facilities are made available for use. Billing accrues through and includes the day that the specially constructed facilities are discontinued.

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