

CLEC COMPETITIVE ACCESS SERVICE**Check Sheet**

Original and revised pages named below contain all changes from the original tariff that are in effect on the date hereof.

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REFERENCE TO TECHNICAL PUBLICATIONS

$$\begin{array}{c} (\text{C}) \\ | \\ (\text{C}) \end{array}$$

PUB 41004 Data Communications Using Voiceband Private Line Channels
Issued: October, 1973

$$\begin{array}{c} \text{(D)} \\ | \\ \text{(D)} \end{array}$$

TR-NWT-000334, Issue 2 Voice Grade Switched Access Service -
Transmission Parameter Limits and Interface Combinations
Issued: September 1990

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

(D)

(D)

Telecommunications Transmission Engineering
Volume 3 - Networks and Services (Chapters 6 and 7)
Third Edition
Issued: August 1989

(T)

(T)

The following technical publications are referenced in this tariff and may be obtained from the Alliance for Telecommunications Industry Solutions (ATIS), 1200 G Street, N.W., Suite 500, Washington, D.C. 20005. Updates to this document are performed periodically.

(C)

(C)

1. Multiple Exchange Carrier Access Billing Guidelines (MECAB)

Ordering and Billing Forum
Issued: September 2010

(T)

2. Multiple Exchange Carrier Ordering and Design guidelines (MECOD)

Ordering and Billing Forum
Issued: March 2018

(T)

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from the Department of Homeland Security Office of Emergency Communications Priority Telecommunications Service Center at 866-627-2255 or <https://www.dhs.gov/publication/tsp-documents>.

(C)

(C)

Office of Emergency Communications
Telecommunications Service Priority Operations Guide
Issued: December 2016

(C)

(C)

CLEC COMPETITIVE ACCESS SERVICE

1. Application of Tariff

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of End User Access, Switched Access, and other miscellaneous services, hereinafter referred to collectively as service(s), provided by the Issuing Carrier of this tariff hereinafter referred to as the Telephone Company, to Customer(s). (C)
- 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.
- 1.3 The Telephone Company offers all services under this tariff as a competitive local exchange carrier.
- 1.4 Special Access Service is provided outside this tariff. Special Access Services may be referred to in this tariff in general terms to assist in understanding the services that encompass an entire circuit. Terms and conditions for Special Access Services will be provided under individual commercial agreements or under terms and conditions found at the Company's website. (N)
|
(N)

CLEC COMPETITIVE ACCESS SERVICE

2. **General Regulations** (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.9 Jurisdictional Report Requirements (Cont'd)

(D)

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CLEC COMPETITIVE ACCESS SERVICE

2. **General Regulations** (Cont'd)

2.3 **Obligations of the Customer** (Cont'd)

2.3.9 **Jurisdictional Report Requirements** (Cont'd)

(D)

(D)

2.3.10 **Determination of Interstate Charges for Mixed Interstate and Intrastate Switched Access Service**

When mixed interstate and intrastate Access Service is provided, all charges (i.e., nonrecurring, monthly and/or usage), will be prorated between interstate and intrastate. The percentage provided in the reports as set forth in Section 2.3.9, preceding, will serve as the basis for prorating the charges.

CLEC COMPETITIVE ACCESS SERVICE2. **General Regulations** (Cont'd)2.4 **Payment Arrangements and Credit Allowance** (Cont'd)2.4.3 **Credit Allowance for Service Interruptions** (Cont'd)(B) **When a Credit Allowance Applies** (Cont'd)

- (2) For flat rated Switched Access elements, (i.e., Entrance Facility, Direct Trunked Transport, and Multiplexing), no credit shall be allowed for an interruption of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of 30 minutes or major fraction (16 minutes or more) thereof that the interruption continues. (C)

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

(D)

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

(D)

CLEC COMPETITIVE ACCESS SERVICE**2. General Regulations (Cont'd)****2.4 Payment Arrangements and Credit Allowance (Cont'd)****2.4.5 Access Services Provided by More Than One Telephone Company
(Cont'd)****(B) Multiple Bill Options (Cont'd)****(1) Multiple Company/Multiple Tariff Billing (Cont'd)****(b) For Distance Sensitive Rate Elements:**

The Direct Trunked Facility rate in Local
Transport provided by the Telephone (C)
Company is distance sensitive. The Direct (C)
Trunked Facility rate described in Section
12.2.2, following, will apply to the total (C)
number of miles determined using the (C)
following method.

- (i) Determine the appropriate mileage
by computing the number of
airline miles between the
Telephone Company serving wire
centers using the V&H method set
forth in Section 7.4.3, following.

CLEC COMPETITIVE ACCESS SERVICE

2. **General Regulations** (Cont'd)

2.4 **Payment Arrangements and Credit Allowance** (Cont'd)

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

(C) **Determination of Rates and Charges** (Cont'd)

(2) **Distance Sensitive Rate Elements**

(a) **Direct Trunked Facility**

The Direct Trunked Facility rate is applied
as set forth in Section 2.4.5(B)(1)(b),
preceding.

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CLEC COMPETITIVE ACCESS SERVICE**2. General Regulations (Cont'd)****2.5 Connections****2.5.1 General**

Customer Premise Equipment and Systems may be connected with Switched Access Service furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Section 2.1, preceding. (C)

2.6 Definitions**Access Codes**

The term "Access Code" with the exception of Feature Group B (FGB) with an Abbreviated Dial Arrangement (ADA), denotes a uniform five or seven digit access code assigned by the Telephone Company to an individual customer. The five digit code has the form 10XXX, and the seven digit code has the form 950-XXXX. Access codes for FGB with an ADA are explained in 6.3.2(D), following.

Access Order

An order to provide the customer with Switched Access Service or changes to existing services. (C)

Access Minute

The unit of usage of exchange facilities in interstate or foreign service for the purpose of calculating chargeable usage. On the originating end of an interstate or foreign call, usage is measured from the time the originating end user's call is delivered by the Telephone Company to, and acknowledged as received by, the customer's facilities connected with the originating exchange. On the terminating end of an interstate or foreign call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an interstate or foreign call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating end exchanges, as applicable.

Access Tandem

A Telephone Company or centralized equal access provider switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and a customer's premises.

CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service** (C)**5.1 General**

This section sets forth the order related regulations and charges for Switched Access Services. These regulations and charges are in addition to other applicable regulations and charges as set forth in other sections of this tariff. (C)

5.1.1 Ordering Conditions

A customer may order any number of services of the same type and between the same premises on a single Access Order.

The ordering customer must provide a copy of the access order to the Telephone Company. The customer shall provide all information necessary for the Telephone Company to provide and bill for the requested service. In addition to the order information required in Section 5.2, following, 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:
 1. order negotiation
 2. order confirmation
 3. interactive design
 4. installation
 5. billing

Orders for Feature Group A Switched Access Service shall be in lines.

Orders for Feature Group B Switched Access Service shall be in trunks.

CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service (Cont'd) (C)****5.1 General (Cont'd)****5.1.2 Provision of Other Services**

Other services as described in Sections 9.1 and 9.2, following, may be ordered in conjunction with the order for Access Service. All rates and charges set forth in Section 12.2.4, following, will apply in addition to the rates and charges for the Access Service with which they are associated.

International blocking service is provided to end users and Feature Group A customers as described in Section 9.3.5, following. The nonrecurring charge set forth in Section 12.2.4, following, is applicable as described in Section 9.3.5, following.

5.2 Access Order

An Access Order is used by the Telephone Company to provide a customer Access Service as follows:

- Switched Access Service as set forth in Section 6., following.
- Other Services as set forth in Section 9., following.

(D)

When ordering Switched Access service, the customer must specify whether the service is to be provided as (1) Direct Trunked Transport to the end office, (2) Direct Trunked Transport to a tandem which connects with Tandem Switched Transport from the tandem to the end office, or (3) Tandem Switched Transport to the end office. When all or a portion of service is ordered as Direct Trunked Transport, the customer must specify the type and quantity of Direct Trunked Transport facility (e.g., Voice Grade or High Capacity DS1).

The customer must also specify the type of Entrance Facility (e.g. Voice Grade or High Capacity) to be used for Switched Access. High Capacity Facilities are available only in certain end offices where technologically feasible. For High Capacity Entrance Facility, the customer must specify the facility assignment and the channel assignment for each trunk.

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CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service (Cont'd)**

(C)

5.2 Access Order (Cont'd)

Direct Trunked Transport is available at all tandems and at all end offices except those identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4. as not having the capability to provide Direct Trunked Transport. Direct Trunked Transport is not available: (1) from end offices that provide equal access through a Centralized Equal Access arrangement, (2) from end offices that lack recording or measurement capability, and (3) from Non-Service Switching Point (SSP) equipped end offices that can not accommodate direct trunking of originating 800 calls.

A customer's Local Transport may be connected to the Entrance Facility of another customer, providing the other customer submits a Letter of Authorization for this connection and assumes full responsibility for the cost of the Entrance Facility.

When the customer has both Tandem Switched Transport and Direct Trunked Transport at the same end office, the customer will be provided Alternate Traffic Routing as set forth in Section 6.3.6(A)(1)(n), following.

(A) Feature Group A Switched Access Service

Orders for Feature Group A Switched Access Service shall be in lines. When placing an order for Access Service, the customer shall provide, at a minimum, the following information:

- (1) The number of lines and the first point of switching (i.e., dial tone office).
- (2) The customer shall specify whether the off-hook supervisory signaling is provided by the customer's equipment before the called party answers, or is forwarded by the customer's equipment when the called party answers.
- (3) The customer shall specify which lines are to be arranged in multiline hunt group arrangements and which are to be provided as single lines.
- (4) A projected Percentage of Interstate Use (PIU) as specified in Section 2.3.9, preceding.
- (5) The Interexchange Carrier to which the service will be connected or, in the alternative, specify the means by which the FGA access communications are transported to another state.

CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service (Cont'd) (C)****5.2 Access Order (Cont'd)****(B) Feature Group B Switched Access Service**

- (1) The number of trunks.
- (2) The end office when direct routing to the end office is desired, except when FGB is provided through a Centralized Equal Access arrangement.
- (3) The access tandem switch when routing is desired via an access tandem switch.
- (4) The trunks that are to be arranged in trunk group arrangements or provided as single trunks for terminating only access minutes.
- (5) A projected Percentage of Interstate Use (PIU) as specified in Section 2.3.9, preceding.
- (6) The access code dialing arrangement (i.e., a uniform access code of 950-XXX or an Abbreviated Dialing Arrangement (ADA) access code of N or NX).

(C) Feature Group C and Feature Group D Switched Access Service

- (1) The Telephone Company end office where service is requested or the access tandem switch for non MTS/WATS providers.
- (2) The number and type of busy hour minutes of capacity (BHMC) requested by Feature Group from the customer designated premises to the end office.
- (3) The customer designated premises where service is requested.
- (4) Any Customer Identification Function for Interim NXX Translation Service Access Code options requested.
- (5) When Feature Group C or D Switched Access Service is ordered with the Interim NXX Translation optional feature, the initial order for the Interim NXX Translation optional feature shall specify the NXX code(s) to be translated within the entire LATA or Market Area. The initial and subsequent orders to add, change, or delete Service Access Codes shall be placed separately or in combination with orders to change Feature Group C or D Switched Access BHMC. Customer assigned NXX codes which have not been ordered will be blocked.

CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service** (Cont'd)

(C)

5.2 Access Order (Cont'd)**(C) Feature Group C and Feature Group D Switched Access Service** (Cont'd)

- (6) Customers order FGD by specifying the number of trunks desired between customer designated premises and an entry switch. When ordering by trunk quantities rather than BHMC quantities to an access tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project future facility requirements.
- (7) For Toll Free Number Data Base Access Service, as described in Section 6.3.6(A)(4)(a), following, the customer must order FGC or FGD to those access tandems or end offices designated as Service Switching Points (SSP) for Toll Free Number Data Base Access Service in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C No. 4, WIRE CENTER INFORMATION. Direct trunk routes can only be provided from end offices equipped to query centralized data bases. All traffic originating from end offices not equipped to provide SS7 signaling and routing require routing via an access tandem where SSP functionality is available.
- (8) A projected Percentage of Interstate Use (PIU) as set forth in Section 2.3.9, preceding.

(D) For Feature Group C and Feature Group D with SS7 Signaling, in addition to the information listed in (C), preceding, the customer shall specify: *

- (1) A reference to existing signaling connections or reference to a related signaling connection order.
- (2) SS7 Signaling Local Switching options, if any.
- (3) The number of BHMC or trunks required for or to be converted to an SS7 Signaling capability.
- (4) Optional features as specified in Section 6.

* SS7 Signaling is available only where technically feasible.

CLEC COMPETITIVE ACCESS SERVICE

5. **Ordering Options for Switched Access Service** (Cont'd) (C)

5.2 **Access Order** (Cont'd)

(D)

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CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service (Cont'd) (C)****5.3 Traffic Engineering Responsibilities****(A) Determination of Busy Hour Minutes of Capacity (BHMC)**

It is the responsibility of the customer to determine the BHMC when ordering FGC, FGD, or CCSAC Switched Access Service.

The BHMC may be determined by the customer in the following manner. For each day (8 am to 11 pm, Monday through Friday, excluding national holidays), the customer shall determine the highest number of minutes of use for a single hour (e.g., 55 minutes in the 10-11 AM hour).

The customer shall, for the same hour period (i.e., busy hour) for each of twenty consecutive business days, pick the twenty consecutive business days in a calendar year which add up to the largest number of minutes of use. Both originating and terminating minutes shall be included. The customer shall then determine the average busy hour minutes of capacity (i.e., BHMC) by dividing the largest number of minutes of use figure for the same hour period for the consecutive twenty business day period by 20. This computation shall be performed for each end office the customer wishes to serve.

The total BHMC by type for each end office will be converted to transmission paths using standard Telephone Company traffic engineering methods.

(B) Determination of SS7 Signaling Connections

For Feature Group C or Feature Group D with SS7 Signaling, the customer shall work cooperatively with the Telephone Company or its agent for CCSAC interconnection to determine the number of signaling connections required to handle its signaling traffic.

CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service** (Cont'd)

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5.4 Access Order Service Intervals

To the extent the Access Service can be made available with reasonable effort, the Telephone Company will provide Access Service in accordance with the customer's requested interval. The Telephone Company is not responsible for any delays caused by any other connecting exchange telephone company in the provision of service to the customer's point of termination.

If, in order to meet the customer's requested service date, work must be performed outside scheduled work hours, Additional Labor charges as described in Section 9., following, will apply.

When the Telephone Company has identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, Wire Center Information that it has not received a bona fide request for Direct Trunked Transport and a customer subsequently orders Direct Trunked Transport, the Telephone Company will work cooperatively with the customer to provide Direct Trunked Transport within 90 days of receipt of an order.

5.5 Access Order Modifications

The customer may request a modification of its Access Order prior to the service date. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer that additional labor and/or engineering charges will apply. If the customer still desires the Access Order modification and agrees to any additional charges which may apply, the Telephone Company will schedule a new service date. Additional labor or engineering charges as described in Section 9. following, will apply.

(A) Service Date Change

Access Order service dates may be changed, but the new service date may not exceed the original service date by more than 30 calendar days. If the customer requested service date is more than 30 calendar days after the original service date, the order will be canceled by the Telephone Company and reissued. The appropriate cancellation charges as set forth in Section 5.6(B), following, will apply. If the Telephone Company determines it can accommodate the customer's request with the normal work force during normal business hours and without delaying service dates for orders of other customers, a new service date may be established that is prior to the original service date. No charges will apply.

CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service (Cont'd) (C)****5.5 Access Order Service Modifications (Cont'd)****(A) Service Date Change (Cont'd)**

If the requested service date is changed to an earlier date, and the Telephone Company determines additional labor or extraordinary costs are necessary to meet the request, the customer will be notified by the Telephone Company that Additional Labor Charges, as described in Section 9, following, may apply.

(B) Change in Lines or Capacity

Any increase in the number of Switched Access Service lines, trunks or busy hour minutes of capacity will be treated as a new Access Order (for the increased amount only). (C)

Any decrease in the number of ordered Switched Access Service lines, trunks or busy hour minutes of capacity will be treated as a partial cancellation and the charges as set forth in Section 5.6(B), following, will apply. (C)

5.6 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 canceled. The verbal notice must be followed by written confirmation within 10 days. If the customer is unable to accept Access Service within 30 days after the service date, at the customer's option, service will be canceled and charges set forth in (B), following, will apply, or billing for the access service will commence on the 31st day after the service date.

CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service (Cont'd) (C)****5.6 Cancellation of an Access Order (Cont'd)**

(B) When a customer cancels an Access Order, a Cancellation Charge will apply as follows:

(1) Installation of Switched Access Service facilities is considered (C) to have started when the Telephone Company incurs any cost in connection with the installation. Where installation of access facilities has been started prior to the cancellation, the charges specified in (a) or (b), following, whichever is less, shall apply.

(a) A charge equal to 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, right-of-way and other associated costs less actual net salvage received after disposal of facilities.

(b) The charge for the minimum period of Switched (C) Access Service ordered by the customer.

(2) Where the customer cancels an Access Order prior to the start of installation of access facilities, no charges shall apply.

(C) If the Telephone Company misses a service date by more than 30 days due to circumstances over which it has direct control (excluding, e.g., Acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the Access Order without incurring cancellation charges.

5.7 Selection of Facilities for Access Orders

The Telephone Company will make a reasonable effort to accommodate a customer request for a specific transmission path. The Telephone Company will make the final determination as to transmission paths utilized in the provision of service.

CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service (Cont'd) (C)****5.8 Minimum Period**

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

When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period.

The Minimum Period Charge for monthly billed services will be determined as follows:

- (A) For Switched Access Service the minimum period charge is set forth in Section 6.7.3, following.

Switched Access usage rated services (i.e., End Office, Common Line, Tandem Switched Transport, and Residual Interconnection Charge) have no minimum period. The minimum period for which all other Access Service is provided and for which charges are applicable, is one month.

- (B) For flat rated Switched Access Service, the charge for a month or fraction thereof is the applicable monthly rate for the service as set forth in Section 12.2.2 and Section 12.2.3, following, plus any optional features or nonrecurring charges that may apply. (C)

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The minimum period for Switched Access High Capacity DS1 Entrance Facilities and Direct Trunked Transport is one month.

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CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service (Cont'd)**

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5.9 Access Orders For Services Provided By More Than One Telephone Company

Access Service provided by more than one Telephone Company are Services where one end of the Local Transport or Channel Mileage 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 Optional Feature or Toll Free Number Data Base Access Service and the end office are not provided by the same Telephone Company.

The ordering procedure for this service is dependent upon the billing arrangement, as set forth in Section 2.4.5, 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.

(A) Single Company Billing

The Telephone Company receiving the order for Feature Group A or Feature Group B from the customer will arrange to provide the service and bill the customer as set forth in Section 2.4.5, preceding. The customer will place the order with the Telephone Company as follows:

- (1) For Switched Access Services 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:
 - FGA - dial tone office
 - FGB - access tandem, end office or Centralized Equal Access provider
 - FGC - end office
 - FGD - end office or access tandem

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.

CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service (Cont'd) (C)****5.9 Access Orders for Services Provided by More Than One Telephone Company (Cont'd)****(A) Single Company Billing (Cont'd)**

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(B) Multiple Company (Interconnection Point) Billing

Each Telephone Company will provide its portion of the Access Service within its operating territory to an interconnection point(s) (IP) with the other Telephone Company(s). The interconnection point(s) and Billing Percentages will be determined by the Telephone Companies involved in providing the Access Service and listed in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4. Each Telephone Company will bill the customer for its portion of the service as set forth Section 2.4.5, preceding. All other appropriate charges in each Telephone Company tariff are applicable.

For the service(s) ordered as set forth following, the customer must also supply a copy of the order to the Telephone Company in whose operating territory a customer designated premises is located and any other Telephone Company(s) involved in providing the service. Additionally, when service is provided through a Centralized Equal Access provider, the customer must supply a copy of the order to that provider.

CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service (Cont'd) (C)****5.9 Access Orders For Services Provided By More Than One Telephone Company
(Cont'd)****(B) Multiple Company (Interconnection Point) Billing (Cont'd)**

- (1) For Feature Group A and B Switched Access Service, the customer must place an order with the Telephone Company in whose territory the first point of switching is located, (i.e., FGA - dial tone office, FGB - access tandem or end office). The Telephone Company will designate the first point(s) of switching for FGB 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 EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4.
- (2) For Feature Group C and D Switched Access Service, the customer must place an order with the Telephone Company in whose territory the end office is located.

Customers (other than AT&T) may order FGD in trunk quantities desired between the customer designated premises and the access tandem.

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CLEC COMPETITIVE ACCESS SERVICE**5. Ordering Options for Switched Access Service (Cont'd) (C)****5.9 Access Orders For Services Provided By More Than One Telephone Company
(Cont'd)****(B) Multiple Company (Interconnection Point) Billing (Cont'd)**

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(3) For initiation, additions, changes or deletions to Interim NXX Translated Service Access Code(s), the customer must place an order with the Telephone Company who provides the Customer Identification Function for Service Access Codes. The customer must also provide a copy of the order to the Telephone Companies subtending the office providing Customer Identification. (T)

(4) When FGA is ordered in a multi-Telephone Company provided Extended Area Service area or FGB is ordered in a multi-Telephone Company access tandem arrangement, the customer must provide a copy of the order to all Secondary Exchange Carriers. Each Exchange Carrier will bill as set forth in Section 2.4.5, preceding. (T)

(C) For the service(s) ordered as set forth preceding, the customer must also supply a copy of the order to the Telephone Company in whose operating territory a customer designated premises is located and any other Telephone Company(s) involved in providing the service.

CLEC COMPETITIVE ACCESS SERVICE**6. Switched Access Service****6.1 General**

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a communication path between a customer's premises and an end user's premises. It provides for the use of common terminating, switching and trunking facilities and common subscriber plant of the Telephone Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer's premises, and to terminate calls from a customer's 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 Section 6.2, following.

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, Interim NXX Translation Optional Feature or Toll Free Number Data Base Access Service. Rates and Charges for Switched Access Service are set forth in Section 12.2.2, following. The application of rates for Switched Access Service is described in Section 6.7.1, following.

The provision of each Feature Group requires Local Transport facilities, including an Entrance Facility where required, and the appropriate End Office functions.

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There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The technical specifications for the Entrance Facility and Direct Trunked Transport are the same as those set forth in Section 7.2.2 and 7.2.5, following, for Voice Grade and High Capacity services. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in Section 11, following.

CLEC COMPETITIVE ACCESS SERVICE**6. Switched Access Service (Cont'd)****6.2 Rate Categories (Cont'd)****(A) Local Transport (Cont'd)****(1) Non-Distance Sensitive Rate Elements (Cont'd)****(d) Multiplexing**

DS1 to Voice Grade Multiplexing charges apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Facility is connected with Voice Grade Direct Trunked Transport. However, a DS1 to Voice Grade Multiplexing charge does not apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Transport is terminated at an electronic end office and only Switched Access Service is provided over the DS1 facility. The (C)
DS1 to Voice multiplexer will convert a 1.544 (C)
Mbps channel to 24 Voice Grade channels.

Multiplexing is only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, WIRE CENTER INFORMATION.

CLEC COMPETITIVE ACCESS SERVICE**6. Switched Access Service (Cont'd)****6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)****6.3.6 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)****(A) Optional Features (Cont'd)****(1) Common Switching Nonchargeable Optional Features (Cont'd)****(q) International Carrier Option**

This option allows for Feature Group D end offices or access tandem switches equipped for International Direct Distance Dialing to be arranged to forward the international calls of one or more international carriers to the customer (i.e., the Telephone Company is able to route originating international calls to a customer other than the one designated by the end user either through presubscription or 10XXX dialing). This arrangement requires provision of written verification to the Telephone Company that the customer is authorized to forward such calls. The written verification must be in the form of a letter of agency authorizing the customer to order the option on behalf of the international carrier. This option is only provided at the Telephone Company end offices or access tandems equipped for International Direct Distance Dialing. It is available with Feature Group D.

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CLEC COMPETITIVE ACCESS SERVICE

6. **Switched Access Service** (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.6 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(1) Common Switching Nonchargeable Optional Features
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CLEC COMPETITIVE ACCESS SERVICE

6. **Switched Access Service** (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.6 Common Switching Transport Termination and Interim NXX Translation
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(1) Common Switching Nonchargeable Optional Features
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CLEC COMPETITIVE ACCESS SERVICE**6. Switched Access Service (Cont'd)****6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)****6.3.6 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)****(A) Optional Features (Cont'd)****(1) Common Switching Nonchargeable Optional Features (Cont'd)****(r) Multifrequency Address Signaling (T)**

Multifrequency Address Signaling is available as an optional feature with FGC and FGD. This feature provides for the transmission of number information and control signals (e.g., number address signals, ANI) between the end office switch and the customer's premises (in either direction).

Multifrequency signaling arrangements make use of pairs of frequencies out of a group of six frequencies. Specific information transmitted is dependent upon feature group and call type (i.e., POTS, coin or operator). This feature is not available in combination with SS7 signaling.

(s) Signaling System 7 (SS7) Signaling (T)

This feature provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office switch or the tandem office switching system and the customer's designated premises. This feature is available only in offices where technically feasible as indicated in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4. The signaling information is transmitted to the Telephone Company designated STP which may be provided by a separate entity. The customer must arrange CCSAC facilities with the entity providing the STP in order to receive SS7 signaling from the Telephone Company.

CLEC COMPETITIVE ACCESS SERVICE**6. Switched Access Service (Cont'd)****6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)****6.3.6 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)****(A) Optional Features (Cont'd)****(1) Common Switching Nonchargeable Optional Features (Cont'd)****(t) Signaling System 7 (SS7) Signaling (Cont'd) (T)**

This feature is available with FGC and FGD and will be provided in accordance with the SS7 Interconnect specifications described in Technical Reference TR-TSV-000905.

(u) Calling Party Number (CPN) (T)

This feature provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for calls originating in the LATA. The ten digit telephone number consists of the NPA plus the seven digit telephone number, which may or may not be the same number as the calling station's charge number. The ten digit telephone number will be coded as presented, or restricted via a "privacy indicator" for delivery to the called end user. This feature is automatically provided with originating FGC and FGD with SS7 signaling. SS7 Signaling is available only where technically feasible.

(1) Restrictions on Use and Sale of CPN**(a) Interstate access customers of this tariff may use CPN in the following manner:**

- (i) For billing and collection information, for routing, screening, and completing the originating subscriber's call, or for services directly related to the originating telephone subscriber's call or transaction.

The customer may use CPN to offer a product or service that is directly related to the products or services previously acquired from the customer by the originating subscriber.

CLEC COMPETITIVE ACCESS SERVICE**6. Switched Access Service (Cont'd)****6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)****6.3.6 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)****(A) Optional Features (Cont'd)****(1) Common Switching Nonchargeable Optional Features (Cont'd)****(v) Calling Party Number (CPN) (Cont'd) (T)****(1) Restrictions on Use and Sale of CPN (Cont'd)**

(b) Interstate access customers of this tariff may not use CPN in the following manner:

(i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber and obtaining the affirmative consent of such subscriber for such reuse or sale.

(ii) Disclosing (except as permitted in (a), preceding) any information derived from the CPN for any purpose other than 1) performing the services or transactions that are the subject of the originating subscriber's call, 2) ensuring network performance security and the effectiveness of call delivery, 3) compiling, using, and disclosing aggregate information, and 4) complying with applicable law or legal process.

(w) Carrier Selection Parameter (CSP) (T)

This feature provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not the call being processed originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 10XXX. This feature is provided with originating FGD with SS7 signaling.

CLEC COMPETITIVE ACCESS SERVICE

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CLEC COMPETITIVE ACCESS SERVICE

7. **Reserved for Future Use**

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CLEC COMPETITIVE ACCESS SERVICE

7. **Reserved for Future Use**

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CLEC COMPETITIVE ACCESS SERVICE

7. **Reserved for Future Use**

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CLEC COMPETITIVE ACCESS SERVICE**8. Special Federal Government Access Services (Cont'd)****8.8 Service Offerings to the Federal Government**

The following unique services are provided to a customer for use only by agencies or branches of the Federal Government, other authorized users and state emergency operations center. The rates and charges for services shall be developed on an individual case basis and shall be consistent with the rates and charges for services offered in other sections of this tariff.

8.8.1 Type and Description

(A) Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

8. **Special Federal Government Access Services** (Cont'd)

8.8 **Service Offerings to the Federal Government** (Cont'd)

8.8.1 **Type and Description**

(A) **Reserved for Future Use**

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CLEC COMPETITIVE ACCESS SERVICE

8. Special Federal Government Access Services (Cont'd)

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

8.8.1 Type and Description (Cont'd)

(A) Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

8. Special Federal Government Access Services (Cont'd)8.8 Service Offerings to the Federal Government (Cont'd)8.8.1 Type and Description (Cont'd)(B) Reserved for Future Use

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(C) Special Routing Access Service

Special Routing Access Service is a specialized service for use by carriers authorized to provide their service for an agency or branch of the Federal Government. This service provides the customer's end users the ability to originate and terminate calls to or from the customer's premises.

CLEC COMPETITIVE ACCESS SERVICE**8. Special Federal Government Access Services (Cont'd)****8.8 Service Offerings to the Federal Government (Cont'd)****8.8.1 Type and Description (Cont'd)****(D) Telecommunications Service Priority (TSP) System (Cont'd)****(1) (Cont'd)**

The TSP System is a service developed to meet the requirements of the Federal Government, as specified in the Service Vendor's Handbook and Service User's Manual, which provides the regulatory, administrative and operational framework for the priority installation and/or restoration of NSEP telecommunications services. This includes Switched Access Services. (C)
The TSP System applies only to NSEP telecommunications services, and requires and authorizes priority action by the Telephone Company providing such services.

(2) The TSP System's applicability is limited to Access Services which the Telephone Company can discreetly identify for priority provisioning and/or restoration.

(3) Some of the elements required for the TSP System are included in other sections of this tariff as general service offerings. They have been referenced in this section to reflect the complete TSP System with appropriate references to those other sections of the tariff for regulations, rates and charges.

(4) The customer for TSP System Service also must be the same customer for the Access Service with which it is associated.

CLEC COMPETITIVE ACCESS SERVICE**11. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)****11.2 Transmission Specifications Switched Access Service (Cont'd)****11.2.2 Data Transmission Parameters (Cont'd)****(B) Data Transmission Parameters Type DB (Cont'd)****(3) Impulse Noise Counts**

The Impulse Noise Counts exceeding a 67 dB_{BrnCO} threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2) 31 dB

Third Order (R3) 34 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 7 degrees peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

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

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

11. **Interface Groups, Transmission Specifications and Channel Interfaces** (Cont'd)

11.3 **Reserved for Future Use** (Cont'd)

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use (C)

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE

12. **Rates and Charges** (Cont'd)

12.2 VTX Communications, LLC (Cont'd)

12.2.3 Reserved for Future Use

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CLEC COMPETITIVE ACCESS SERVICE12. **Rates and Charges** (Cont'd)12.2 VTX Communications, LLC (Cont'd)12.2.4 Other Services (Cont'd)(D) Miscellaneous Services (Cont'd)(5) Reserved for Future Use

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(6) Maintenance of ServiceMaintenance of Service
PeriodsBasic Time, Overtime *
and Premium Time *Each Half
Hour or
Fraction
ThereofSee the
rates for
Additional
Labor as set
forth in
12.16.4(C) preceding

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* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

CLEC COMPETITIVE ACCESS SERVICE12. **Rates and Charges** (Cont'd)12.2 VTX Communications, LLC (Cont'd)12.2.5 Special Federal Government Access Services(A) Voice Grade Secure Communications

<u>Voice Grade Secure Monthly Communications</u>	<u>Nonrecurring Rates</u>	<u>Termination Charges</u>	<u>Charges</u>
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Type I, each
T-3 Conditioning, ICB rates and charges apply

Additional Conditioning,
per service termination ICB rates and charges apply

Type II, each
G-I Conditioning, ICB rates and charges apply

Type III, each
G-2 Conditioning, ICB rates and charges apply

Additional Conditioning,
per service termination ICB rates and charges apply

Type IV, each
G-3 Conditioning ICB rates and charges apply

Additional Conditioning,
per service termination ICB rates and charges apply

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