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ACCESS SERVICES

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RATES, RULES AND REGULATIONS GOVERNING

THE PROVISION OF ACCESS SERVICES

FOR CONNECTION TO INTERSTATE COMMUNICATIONS FACILITIES

**Effective immediately, filing of this tariff, Transmittal No.  
11, cancels SureWest Kansas, Inc. Tariff FCC No. 1 in its  
entirety.**

(N)

(N)

Transmittal No. 11

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Effective: January 8, 2016

Vice President, Regulatory and Public Policy  
CONSOLIDATED COMMUNICATIONS ENTERPRISE SERVICES, INC.  
350 S. Loop 336 West  
Conroe, TX 77304

ACCESS SERVICES

CHECK SHEET

The Title Page and Pages 1 through 178, inclusive of this tariff, are effective as of the date shown. Original and revised Pages as named below contain all changes from the original tariff that are in effect on the date hereof.

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
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<b>1</b>	<b>22nd Rev *</b>	35	Original	70	Original	105	Original
<b>1.1</b>	<b>14th Rev *</b>	36	Original	71	Original	106	Original
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3	Original	38	Original	73	Original	108	Original
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5	3rd Rev	40	Original	75	Original	110	Original
6	Original	41	Original	76	Original	111	Original
7	Original	42	Original	77	Original	112	Original
8	Original	43	Original	78	Original	113	Original
9	Original	44	Original	79	Original	114	Original
10	Original	45	Original	80	Original	115	Original
11	Original	46	Original	81	Original	116	Original
12	Original	47	Original	82	Original	117	Original
13	Original	48	Original	83	Original	118	Original
14	Original	49	Original	84	Original	119	Original
15	Original	50	Original	85	Original	120	Original
16	Original	51	Original	86	Original	121	Original
17	Original	52	Original	87	Original	122	Original
18	Original	53	Original	88	Original	123	Original
19	Original	54	Original	89	Original	124	Original
20	Original	55	Original	90	Original	125	Original
21	Original	56	Original	91	Original	126	Original
22	Original	57	Original	92	Original	127	Original
23	Original	58	Original	93	Original	128	1st Rev
24	Original	59	Original	94	Original	129	1st Rev
25	1st Rev	60	Original	95	Original	130	2nd Rev
26	1st Rev	61	Original	96	Original	131	1st Rev
27	Original	62	Original	97	Original	131.1	Original
28	Original	63	Original	98	Original	<b>132</b>	<b>4th Rev *</b>
29	Original	64	Original	99	Original	<b>133</b>	<b>3rd Rev *</b>
30	Original	65	Original	100	Original	134	Original
31	Original	66	Original	101	Original	<b>135</b>	<b>10th Rev *</b>
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CONCURRING CARRIERS  
No Concurring Carriers

CONNECTION CARRIERS  
No Connecting Carriers

OTHER PARTICIPATING CARRIERS  
No Other Participating Carriers

EXPLANATION OF SYMBOLS

The following symbols shall be used in this tariff for the purpose indicated below:

- (C) To signify changed regulation or rate structure.
- (D) To signify discontinued material.
- (I) To signify an increased rate.
- (M) To signify a move in the location of text.
- (N) To signify a new rate or regulation.
- (R) To signify a reduced rate.
- (S) To signify reissued material.
- (T) To signify a change in text but no change in rate or regulation.

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REFERENCE TO OTHER TARIFFS AND/OR PUBLICATIONS

The following tariff is referenced in this tariff and may be obtained as shown:

National Exchange Carrier Association  
100 S. Jefferson  
Whippany, NJ  
Wire Center Information  
Tariff FCC No. 4

The following tariffs are referenced in this tariff and may be obtained from the Pennsylvania Public Utility Commission, North Office Building, Room 200, P. O. Box 3265, Harrisburg, PA 17105-3265:

Bell Atlantic-Pennsylvania  
Pa. P.U.C. Tariff No. 185B

GTE-Pennsylvania  
Pa. P.U.C. Tariff No. 5

Sprint-Pennsylvania  
Pa. P.U.C. Tariff No. 27

The Local Exchange Routing Guide (LERG) is referenced in this tariff and may be obtained from:

Bell Communications Research, Inc.  
Customer Services Division  
60 New England Avenue  
Piscataway, NJ

The following technical publications are referenced in this tariff and may be obtained as shown from the Ordering & Billing Forum (OBF), 1200 G Street, NW, Suite 500, Washington, DC 20005:

Multiple Exchange Carrier Access Billing (MECAB) Guidelines  
Issued: February 1998

Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines  
Issued: May 1994

The North American Numbering Plan (NANP) is referenced in this tariff. Information concerning the NANP can be obtained from the NANP Administrator as shown:

Lockheed Martin IMS  
Communications Industry Services  
North American Numbering Plan Administration  
1133 15th Street, NW, 12th Floor  
Washington, DC 20005

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Vice President, Regulatory and Public Policy  
CONSOLIDATED COMMUNICATIONS ENTERPRISE SERVICES, INC.  
350 S. Loop 336 West  
Conroe, TX 77304

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ACCESS SERVICES

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Section 1 -- APPLICATION

This tariff applies to interstate Switched Access service and miscellaneous services supplied to Customers for origination and termination of traffic to and from Central Office codes directly assigned to CONSOLIDATED COMMUNICATIONS ENTERPRISE SERVICES, INC. or its subsidiaries. (C)  
(C)

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)

**RATES REFERRING TO OCNs THROUGHOUT THIS TARIFF REFER TO THE FOLLOWING:**

- OCN 3769 formerly known as IdeaOne Telecom
- OCN 4587 formerly known as Eventis Telecom
- OCN 8581 formerly known as Crystal Communications
- OCN 912E Consolidated Communications Enterprise Services, Inc. - Texas

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 350 S. Loop 336 West  
 Conroe, TX 77304

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ACCESS SERVICES

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Section 2 -- DEFINITIONS

Certain terms used generally throughout this tariff are described below.

Advance Payment

Part or all of a payment required before the start of service.

Access Services

The Company's interstate telephone services offered pursuant to this tariff.

Automatic Number Identification (ANI)

The term "Automatic Number Identificaton" denotes the Multi-Frequency (MF) signaling parameter that identifies the billing number of the calling party.

Busy Hour Minutes of Capacity (BHMC)

The term "Busy Hour Minutes of Capacity (BHMC)" denotes the Customer specified maximum amount of Switched Access Service and/or Directory Assistance Service access minutes the Customer expects to be handled in an end office switch any hour in an 8:00 a.m. to 11:00 p.m. period for the Feature Group and/or Directory Assistance Service ordered. This Customer specified BHMC quantity is the input data the Company uses to determine the number of transmission paths for the Feature Group and/or Directory Assistance Service ordered.

Calling Party Number (CPN)

The term "Calling Party Number" denotes the SS7 signaling parameter that identifies the subscriber line number or directory number of the calling party.

Carrier or Common Carrier

See Interexchange Carrier.

Charge Number (CN)

The term "Charge Number" denotes the SS7 signaling parameter that identifies the billing telephone number of the calling party.

Common Channel Signaling

The term "Common Channel Signaling" (CCS) denotes a high-speed packet switched communications network which is separate (out of band) from the public packet switched and message networks. Its purpose is to carry addressed signaling messages for individual trunk circuits and/or database related services between Signaling Points in the CCS network.

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ACCESS SERVICES

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Section 2 -- DEFINITIONS (Cont'd.)Company

CONSOLIDATED COMMUNICATIONS ENTERPRISE SERVICES, INC. (CCES), the issuer of this tariff, and its concurring subsidiaries.

Customer(s)

The person, firm or corporation whom orders service and is responsible for the payment of charges and compliance with the Company's regulations. Denotes any individual, partnership, association, joint-stock company, trust, corporation, governmental entity or other entity which subscribes to the services offered under this Tariff, including but not limited to End Users, Interexchange Carriers (IC) and other telecommunications carriers or providers originating or terminating Toll VoIP-PSTN Traffic.

End Office

With respect to each NPA-NXX code prefix assigned to the Company, the location of the Company's "end office" for purposes of this tariff shall be the point of interconnection associated with that NPA-NXX code in the Local Exchange Routing Guide, issued by Bellcore.

End User

A person or entity that subscribes to any CONSOLIDATED COMMUNICATIONS ENTERPRISE SERVICES, INC. Exchange Access Service and that has been assigned one or more telephone number(s) within a central office code (NPA-NXX) directly assigned to the Company.

Interexchange Carrier (IC) or Interexchange Common Carrier

The terms "Interexchange Carrier" (IC) or "Interexchange Common Carrier" denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in interstate or foreign communication by wire or radio, between two or more exchanges.

Internet Protocol (IP) Signaling

The term "Internet Protocol Signaling" denotes a packet data-oriented protocol used for communicating call signaling information.

Local Access and Transport Area (LATA)

The term "Local Access and Transport Area" denotes a geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes.

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ACCESS SERVICES

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Section 2 -- DEFINITIONS (Cont'd)Multi-Frequency (MF) Signaling

The term Multi-Frequency Signaling denotes an in-band signaling method in which call signaling information is transmitted between network switches using the same voiceband channel used for voice.

Recurring Charges

The monthly charges to the Customer for services, facilities and equipment which continue for the agreed upon duration of the service.

Service Commencement Date

The first date on which the Company notifies the Customer that the requested service or facility is available for use, unless extended by the Customer's refusal to accept service which does not conform to standards set forth in the Service Order or this tariff, in which case the Service Commencement Date is the date of the Customer's acceptance. The Company and the Customer may mutually agree on a substitute Service Commencement Date. If the Company does not have an executed Service Order from a Customer, the Service Commencement Date will be the first date on which the service or facility was used by a Customer.

Service Order

The written request for access services executed by the Customer and the Company in the format devised by the Company. The signing of a Service Order by the Customer and acceptance by the Company initiates the respective obligations of the parties as set forth therein and pursuant to this tariff, but the duration of the service is calculated from the Service Commencement Date. Should a Customer use the Company's access service without an executed Service Order, the Company will then request the Customer to submit a Service Order.

Service Switching Point (SSP)

A Service Switching Point denotes an end office or tandem which, in addition to having SS7 and SP capabilities, is also equipped to query centralized data bases.

Service Wire Center

The term "Service Wire Center" denotes the wire center from which the Customer designated premises would normally obtain dial tone.

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Section 2 -- DEFINITIONS (Cont'd.)Shared

A facility or equipment system or subsystem that can be used simultaneously by several Customers.

Signaling Point (SP)

The term "Signaling Point (SP)" denotes an SS7 network interface element capable of originating and terminating SS7 trunk signaling messages.

Signaling Point of Interface (SPOI)

The term "Signaling Point of Interface (SPOI)" denotes the Customer designated location where the SS7 signaling information is exchanged between the Telephone Company and the Customer.

Signaling System 7 (SS7)

The term "Signaling System 7 (SS7)" denotes the layered protocol used for standardized common channel signaling in the United States and Puerto Rico.

Signal Transfer Point (STP)

The term "Signal Transfer Point (STP)" denotes a packet switch which provides access to the Telephone Company's SS7 network and performs SS7 message signal routing and screening.

Signal Transfer Point (STP) Port

The term "Signal Transfer Point (STP) Port" denotes the point of termination and interconnection to the STP.

Toll VoIP-PSTN Traffic

The term "Toll VoIP-PSTN Traffic" denotes a customer's interexchange voice traffic exchanged with the Telephone Company in time Division Multiplexing format over PSTN facilities, which originates and/or terminates in Internet Protocol (IP) format. Toll VoIP-PSTN Traffic originates and/or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premises equipment.

User

A customer or any other person authorized by the Customer to use service provided under this tariff.

Wire Center

A building in which one or more central offices, used for the provision of Exchange Services, are located.

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350 S. Loop 336 West  
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ACCESS SERVICES

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Section 3 -- REGULATIONS3.1 Undertaking of the Company3.1.1 Scope

The Company undertakes to furnish Access Services in accordance with the terms and conditions set forth in this tariff. Except where such specific Access Services terms and conditions differ, the terms and conditions set forth herein are in addition to those found for each specific Access Service.

3.1.2 Shortage of Facilities

All service is subject to the availability of suitable facilities. The Company reserves the right to limit the length of communications or to discontinue furnishing services when necessary because of the lack of transmission medium capacity or because of any causes beyond its control.

3.1.3 Terms and Conditions

- (A) Service is provided on the basis of a minimum period of one month 24-hours per day. For the purpose of computing charges in this tariff, a month is considered to have 30 days.
- (B) Customers may be required to enter into written service orders which shall contain or reference a specific description of the service ordered, the rates to be charged, the duration of the services, and the terms and conditions in this tariff. Customer will also be required to execute any other documents as may be reasonably requested by the Company.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd)

3.1 Undertaking of the Company (cont'd)

3.1.3 Terms and Conditions (cont'd)

- (C) In any action between the parties to enforce any provision of this tariff, the prevailing party shall be entitled to recover its legal fees and court costs from the non-prevailing party in addition to other relief a court may reward.
- (D) This tariff shall be interpreted and governed by the laws of the United States without regard for its choice of laws provision.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd)3.1 Undertaking of the Company (cont'd)3.1.4 Liability of the Company

- (A) Except as stated in Section 3.1.4, the Company shall have no liability for damages of any kind arising out of or related to events, acts, rights or privileges contemplated in this tariff. This tariff does not limit the liability of the Company for willful misconduct.
  
- (B) The liability of the Company for damages resulting in whole or in part from or arising in connection with the furnishing of service under this tariff, including but not limited to mistakes, omissions, interruptions, delays, errors or other defects or misrepresentations shall not exceed an amount equal to five times the initial period charge provided for under this tariff for any call for the period during which the call was affected. No other liability in any event shall attach to the Company.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd)3.1 Undertaking of the Company (cont'd)3.1.4 Liability of the Company (cont'd)

- (C) The Company shall not be liable for any failure of performance hereunder due to causes beyond its control, including but not limited to acts of God, fires, flood or other catastrophes; failure of utility services, any law, order, regulation, directive, action or request of the United States Government, or any other government, including state and local governments having jurisdiction over the Company, or of any department, agency, commission, bureau, corporation or other instrumentality of any one or more of said governments, or of any civil or military authority; national emergencies, insurrections, riots, wars or other labor difficulties.
- (D) The Company shall not be liable for any act or omission of any other entity furnishing to the Customer facilities, equipment, or services used with the Company's access services. Nor shall the Company be liable for any damages or losses due to unauthorized use or the service or the failure or negligence of the Customer or due to the failure of the Customer-provided equipment, facilities or services.

3.1.5 Claims

The Company shall be indemnified and saved harmless by the Customer from and against all loss, liability, damage and expense, including reasonable counsel fees, due to claims of libel, slander, or infringement of copyright in connection with the material transmitted over the Company's facilities; and any other claim resulting from any act or omission of the Customer or patron(s) of the Customer relating to the use of the Company's services or facilities.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd)3.1 Undertaking of the Company (cont'd)3.1.6 Provision of Equipment and Facilities

- (A) Except as otherwise indicated, customer-provided station equipment at the Customer's premises for use in conjunction with this service shall be so constructed, maintained and operated as to work satisfactorily with the facilities of the Company.
- (B) The Company shall not be responsible for the installation, operation or maintenance of any Customer-provided communications equipment. Where such equipment is connected to service furnished pursuant to this tariff, the responsibility of the Company shall be limited to the furnishing of services under this tariff and to the maintenance and operation of such services in the proper manner. Subject to this responsibility, the Company shall not be responsible for:
- (1) the through transmission of signals generated by Customer-provided equipment or for the quality of, or defects in, such transmission; or
  - (2) the reception of signals by Customer-provided equipment; or
  - (3) network control signaling where such signaling is performed by Customer-provided network control signaling equipment.

3.1.7 Ownership of Facilities

Title to all facilities provided in accordance with this tariff remains in the Company, its agents, contractors or suppliers.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd)3.2 Prohibited Uses

- (A) The services the Company offers shall not be used for any unlawful purpose or for any use for which the Customer has not obtained all required governmental approvals, authorization, licenses, consents and permits.
- (B) The Company may require applicants for service who intend to use the Company's offering for resale and/or for shared use to file a letter with the Company confirming that their use of the Company's offerings complies with relevant laws and regulations, policies, orders and decisions.
- (C) The Company may require a Customer to immediately shut down its transmission if such transmission is causing interference to others.
- (D) A Customer, joint user, or authorized user may not assign, or transfer in any manner, the service or any rights associated with the service without the written consent of the Company. The Company will permit a Customer to transfer its existing service to another entity if the existing Customer has paid all charges owed to the Company for regulated access services. Such a transfer will be treated as a disconnection of existing service and installation of new service, and non-recurring installation charges as stated in this tariff will apply.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd)3.3 Obligations of the Customer3.3.1 Customer Premises Provisions

- (A) The Customer shall provide the personnel, power and space required to operate all facilities and associated equipment installed on the premises of the Customer.
- (B) The Customer shall be responsible for providing Company personnel access to premises of the Customer at any reasonable hour for the purpose of testing the facilities or equipment of the Company.

3.3.2 Liability of the Customer

The Customer will be liable for damages to the facilities of the Company caused by negligence or willful acts of its offices, employees, agents or contractors of the Customer where such negligence or willful acts is not the direct result of the Company's negligence.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd)3.3 Obligations of the Customer3.3.3 Jurisdictional Report Requirements

- (A) For Feature Group B Switched Access Service(s) for both interstate and intrastate use, the projected interstate percentage of use must be provided by the Customer in a whole number to the Company. The Company will designate the number obtained by subtracting the projected interstate percentage of use from 100 (100 - projected interstate percentage = intrastate percentage) as the projected intrastate percentage of use.

For Feature Group D Switched Access Service(s), the Company, where jurisdiction can be determined from the call detail, will determine the projected interstate percentage as follows.

For originating access minutes, the projected interstate percentage will be developed on a monthly basis by end office when the Feature Group D, Switched Access Service access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the total originating access minutes when the call detail is adequate to determine the appropriate jurisdiction. For terminating access minutes, the Customer has the option to provide the Company with a Projected PIU factor. Customers who provide a PIU factor shall supply the Company with an interstate percentage of Feature Group D terminating access minutes for each account to which the Customer may terminate traffic.

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Section 3 -- REGULATIONS (Cont'd)3.3 Obligations of the Customer3.3.3 Jurisdictional Report Requirements

## (A) (cont'd)

Should the Customer not supply a terminating PIU Factor, the data used by the Company to develop the projected interstate percentage for originating access minutes will be used to develop projected interstate percentage for such terminating access minutes. When a Customer orders Feature Group D Switched Access Service, the Customer shall supply projected interstate percentage of use for each end office involved to be used in the event that originating call details are insufficient to determine the jurisdiction for the call. This percentage shall be used by the Company as the projected interstate percentage for such call detail. For purposes of developing the projected interstate percentage, the Customer shall utilize the same considerations as those set forth in Section 3.3.3(B) following.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd)3.3 Obligations of the Customer (cont'd)3.3.3 Jurisdictional Report Requirements (cont'd)

## (A) (cont'd)

The Company will designate the number obtained by subtracting the projected interstate percentage for originating and terminating access minutes from 100 (100 - projected interstate percentage = intrastate percentage) as the projected intrastate percentage of use.

(B) For purposes of developing the projected interstate percentage, the Customer shall consider every call that enters the Customer's network at a point within the same state as the state where the called station is located to be intrastate and every call that enters the Customer's network at a point in a state different from the state in which the called station is located to be interstate.

(C) These whole number percentages will be used by the Company to apportion the use, rates, and/or nonrecurring charges between interstate and intrastate until a revised report is received.

(D) The projected interstate percentage of use will be used to determine the charges as follows:

The number of access minutes for a group will be multiplied by the projected interstate percentage of use to determine the interstate access minutes. (i.e., number of access minutes x projected interstate percentage of use = interstate access minutes).

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.3 Obligations of the Customer (cont'd.)3.3.3 Jurisdictional Report Requirements (cont'd.)

(D) (cont'd.)

The number of interstate access minutes so determined will be subtracted from the total number of access minutes (i.e., number of access minutes - interstate access minutes = intrastate access minutes). The interstate access minutes for the group will be billed as set forth in Section 6. following.

(E) Effective on the first of January, April, July and October of each year, the Customer may update the jurisdictional reports that require a projected interstate percentage. The Customer shall forward to the Company, to be received no later than 20 calendar days after the first of each such month, a revised report showing the interstate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate and intrastate use. Except as set forth in Section 3.3.3(A) preceding where jurisdiction can be determined from the recorded message detail, the revised report will service as the basis for the next three months billing and will be effective on the bill date in the following month (i.e., February, May, August and November) for that service. No prorating or back billing will be done based on the report. If the Customer does not supply the report, the Company will assume the percentage to be the same as that provided in the last quarterly report. For those cases in which a quarterly report has never been received from the Customer, the Company will assume the percentage to be the same as that provided in the order for service as set forth in Section 3.3.3(A) preceding.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.3 Obligations of the Customer (cont'd.)3.3.3 Jurisdictional Report Requirements (cont'd.)

- (F) The Customer reported projected interstate percentage of use as set forth in Section 3.3.3(A) preceding will be used for the apportionment of rates or nonrecurring charges associated with Feature Group B or D Switched Access Service until the end of the quarter during which the service was activated. Thereafter, a projected interstate percentage for such apportionment will be developed quarterly by the Company based on the data used to develop the projected interstate percentage of use as set forth in Section 3.3.3(A) preceding. Where call detail is insufficient to make such a determination, the Customer will be requested to project an interstate percentage of use to be used by the Company for such apportionment.
- (G) The Customer shall keep sufficient detail from which the percentage of interstate use can be ascertained and upon request of the Company make the records available for inspection. Such a request will be initiated by the Company no more than once per year. The Customer shall supply the data within 30 calendar days of the Company request.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.4 Customer Equipment and Channels3.4.1 Interconnection of Facilities

- (A) In order to protect the Company's facilities and personnel and the services furnished to other Customers by the Company from potentially harmful effects, the signals applied to the Company's service shall be such as not to cause damage to the facilities of the Company. Any special interface equipment necessary to achieve the compatibility between facilities of the Company and the channels or facilities of others shall be provided at the Customer's expense.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.4 Customer Equipment and Channels (cont'd.)3.4.2 Inspections

- (A) The Company may, upon notification to the Customer, at a reasonable time, make such tests and inspections as may be necessary to determine that the requirements regarding the equipment and interconnections are being complied with the installation, operation and maintenance of Customer-provided equipment and in the wiring of the connection of Customer channels to Company-owned facilities.
- (B) If the protective requirements in connection with Customer-provided equipment are not being complied with, the Company may take such action as necessary to protect its facilities and personnel and will promptly notify the Customer by registered mail in writing of the need for protective action. In the event that the Customer fails to advise the Company within 10 days after such notice is received or within the time specified in the notice that corrective action has been taken, the Company may take whatever additional action is deemed necessary, including the suspension of service, to protect its facilities and personnel from harm. The Company will, upon request 24 hours in advance, provide the Customer with a statement of technical parameters that the Customer's equipment must meet.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.5 Customer Deposits and Advance Payments

Customers without an established credit rating or with a negative credit rating shall be required to deposit with Company an amount equivalent of up to two months of actual or estimated monthly charges.

All deposits shall bear simple interest at the same percentage rate as that set forth in Section 3.6.1(B). Interest shall not accrue on any deposit after the date on which a reasonable effort has been made to return it to the Customer. At the Company's option, such deposit may be refunded or credited to the Customer at, or any time prior to, termination of service.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.6 Payment Arrangements3.6.1 Payment for Service

(A) The Customer is responsible for payment of all charges for facilities and services furnished by the Company. Federal, state and local sales, use and excise taxes, where applicable, shall be added to the charges contained herein. It shall be the responsibility of the Customer to pay any such taxes that may subsequently become applicable retroactively.

(B) Further, if no payment is received by the payment date, or if a payment or any portion of a payment is received by the Company after the payment date, or if a payment or any portion of a payment is received by the Company in funds which are not immediately available to the Company, then a late payment penalty shall be due to the Company. The late payment penalty shall be the payment or the portion of the payment not received by the payment date times a late factor. The late factor shall be the lesser of:

(C)  
(C)

(1) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Company, or

(2) 0.000292 per day, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Company.

Transmittal No. 18

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)

3.6 Payment Arrangements (cont'd.)

3.6.1 Payment for Service (cont'd.)

- (C) The Customer will be assessed a charge of twenty dollars (\$20.00) or \$30.00 in IA, MN, ND, WI for each check submitted by the Customer to the Company which a financial institution refuses to honor for insufficient funds or a non-existent account. (T)
- (D) Customers have up to 90 days (commencing 5 days after remittance of the bill) to initiate a dispute over charges or to receive credits.
- (E) If service is disconnected by the Company in accordance with Section 3.6.2 following and later restored, restoration of service will be subject to all applicable installation charges.
- (F) In the event that a billing dispute concerning any charges billed to the Customer by the Company is resolved in favor of the Company, any payments withheld pending settlement of the dispute shall be subject to the late payment penalty set for in (B) preceding.

A dispute for purposes of this section is defined as written notice to the Company with sufficient documentation to investigate the dispute.

If the Customer disputes the bill on or before the payment date, and pays the undisputed amount on or before the payment due date, any late payment charge for the disputed amount will not start until (10) ten days after the payment due date. The late payment charge will continue to accrue until payment is received by the Company.

Transmittal No. 13

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Issued: December 19, 2016

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Vice President, Regulatory and Public Policy  
CONSOLIDATED COMMUNICATIONS ENTERPRISE SERVICES, INC.  
350 S. Loop 336 West  
Conroe, TX 77304

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.6 Payment Arrangements (cont'd.)3.6.1 Payment for Service (cont'd.)

(F) (cont'd.)

If the Customer disputes the bill after the payment due date, and pays the undisputed amount after the payment due date, the late payment charge for the disputed amount shall begin on the payment due date.

(G) In the event that a billing dispute concerning any charges billed to the Customer by the Company is resolved in favor of the Customer, any payments of the disputed amount, withheld pending settlement of the dispute shall not be subject to the late payment penalty.

The date of the dispute shall be the date the Company receives sufficient documentation to investigate the dispute.

The date of the resolution is the date the Company completes its investigation and notifies the Customer of the disposition of the dispute.

If the Customer disputes the billed amount on or before 90 days from the due date of the disputed bill and pays the total invoice amount on or before the payment due date and the billing dispute is resolved in favor of the Customer, the Customer will receive a credit from the Company. The credit shall be the disputed amount resolved in the Customer's favor times a late payment penalty set forth in (B) preceding. This penalty factor will apply from the date of the Customer's payment through the date of resolution by the Company.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.6 Payment Arrangements (cont'd.)3.6.1 Payment for Service (cont'd.)

(G) (cont'd.)

If the Customer disputes the bill after 90 days from the due date of the disputed bill and pays the total amount on or before the date of the dispute, the Customer shall receive a credit from the Company. The credit will equal the disputed amount times the late payment penalty factor. The penalty factor will apply from the later of the claim date or the date of overpayment through the date of resolution by the Company.

- The date of resolution shall be the date on which the Company completes its investigation of the dispute, notifies the Customer of the disposition and, if the billing dispute is resolved in favor of the Customer, applies the credit for the amount of the dispute resolved in the Customer's favor to the Customer's bill, including the disputed amount penalty credit and/or late payment penalty credit, as appropriate.
- If a billing dispute is resolved in favor of the Company, any payments withheld pending resolution of the dispute shall be subject to the late payment penalty as set forth in (B) preceding. Further, the Customer will not receive a disputed amount penalty credit.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.6 Payment Arrangements (cont'd.)3.6.2 Discontinuance of Service for Cause

The Company may discontinue service or cancel an application for service without incurring any liability for any of the following reasons:

- (A) Upon non-payment of any sum owed to the Company for more than 30 days beyond the date of rendition of the bill service or upon violation of any of the terms or conditions governing the furnishing of service under this tariff, the Company may, on 30 days advance notice in writing to the Customer discontinue the furnishing of service under this tariff.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.6 Payment Arrangements (cont'd.)3.6.2 Discontinuance of Service for Cause (cont'd.)

- (B) Without notice, in the event of a violation of any regulation governing the service under this tariff;
- (C) Without notice, in the event of a violation of any law, rule, or regulation of any government authority having jurisdiction over the service; or
- (D) The Company is prohibited from furnishing services by order of a court or other government authority having jurisdiction.
- (E) In the event of fraudulent use of the Company's network, the Company will discontinue service without notice and/or seek legal recourse to recover all costs involved in enforcement of this provision.

3.6.3 Notice to Company for Cancellation of Service

Customers desiring to terminate service shall provide Company thirty (30) days written notice of desire to terminate service.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.6 Payment Arrangements (cont'd.)3.6.4 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved

The provisions of meet point billing are applicable to Local Transport Termination and Facility recurring charges only. All other recurring and nonrecurring charges for services provided by each Exchange Telephone Company are billed under each Company's applicable rates as set forth in Section 3.6.4(A) and (B) following.

The Company accepts and adheres to the Ordering and Billing Forum guidelines, Multiple Exchange Carrier Access Billing (MECAB) and Multiple Exchange Carrier Ordering and Design (MECOD). These guidelines apply to the Access Services as set forth in Section 3.6.4(A) and (B) following.

The Company will handle ordering, rating and billing of Access Services under this tariff where more than one Exchange Telephone Company is involved in the provision of Access Service as follows.

- (A) When a Feature Group B Switched Access Service is ordered by a Customer where one end of the Local Transport element is in the Company operating territory and the other end is in another Exchange Telephone Company operating territory, and when notified by the Company which accepts the order that the involved Exchange Telephone Companies cannot implement multi-company billing (meet point billing), then the following ordering, provisioning, rating, and billing regulations will apply to Feature Group B Switched Access Service.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.6 Payment Arrangements (cont'd.)3.6.4 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (cont'd.)

## (A) (cont'd.)

When a Feature Group B Switched Access Service is ordered by a Customer where one end of the Local Transport element is in the Company operating territory and the other end is in another Exchange Telephone Company operating territory, the Exchange Telephone Company in whose territory the first point of switching is located will accept the order. In addition, the Exchange Telephone Company in whose operating territory the Customer point of termination is located must also receive a copy of the order from the Customer. The Exchange Telephone Company that accepts the order will then determine the charges involved, arrange to provide the Access Service ordered and bill the charges in accordance with its Access Service tariff.

## (B) Except as set forth in Section 3.6.4(A) preceding, Feature Group B or D Switched Access Service and/or Directory Assistance Service is ordered by a Customer where one end of the Local Transport element is in the Company operating territory and the other end is in another Exchange Telephone Company operating territory, the order shall be received as follows:

- (1) For Feature Group B or D Switched Access Service ordered to an end office, the Exchange Telephone Company in whose operating territory the end office is located must receive the order from the Customer.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)

3.6 Payment Arrangements (cont'd.)

3.6.4 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (cont'd.)

(B) (cont'd.)

- (2) For Feature Group B or D Switched Access Service ordered to an access tandem, the Exchange Telephone Company in whose operating territory the access tandem is located must receive the order from the Customer.
- (3) For the Service ordered set forth in Section 3.6.4(B) (1) and (2) preceding, the Exchange Telephone Company in whose operating territory the Customer premises is located must also receive a copy of the order from the Customer.

The other Exchange Telephone Company involved will provide the portion of the Local Transport element in its operating territory to an interconnection point (IP) with the Company and will bill the charges in accordance with its Access Service tariff. All other appropriate charges in each Exchange Telephone Company tariff are applicable.

ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)

3.6 Payment Arrangements (cont'd.)

3.6.4 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (cont'd.)

- (C) The interconnection points will be determined by the Exchange Telephone Companies involved. The billing percentage (BP) factor for the Company for the service between the two involved offices will be listed in National Exchange Carrier Association, INC. TARIFF F.C.C NO. 4.

(T)

Transmittal No. 22

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Vice President, Regulatory and Public Policy  
CONSOLIDATED COMMUNICATIONS ENTERPRISE SERVICES, INC.  
350 S. Loop 336 West  
Conroe, TX 77304

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.7 Application of Rates

The regulations set forth in this section govern the application of rates for services contained in other sections of this tariff.

3.7.1 Charges Based on Duration of Use

Customer traffic to end offices will be measured by the Company at end office switches. Originating and terminating calls will be measured by the Company to determine the basis for computing chargeable access minutes, as set forth in Section 6.6.3 following.

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Vice President, Regulatory and Public Policy  
CONSOLIDATED COMMUNICATIONS ENTERPRISE SERVICES, INC.  
350 S. Loop 336 West  
Conroe, TX 77304

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.7 Application of Rates (cont'd.)3.7.2 Rate Zones(A) Pennsylvania

- (1) Zone 1 corresponds to all exchange areas served by Verizon Pennsylvania, Inc., formerly known as Bell Atlantic-Pennsylvania as identified in Verizon Pennsylvania Pa. P.U.C. Tariff No. 185B.
- (2) Zone 2 corresponds to all exchange areas served by Verizon Communications, formerly known as GTE-Pennsylvania as identified in GTE-Pennsylvania Pa. P.U.C. Tariff No. 5.
- (3) Zone 3 corresponds to all exchange areas served by Sprint-Pennsylvania as identified in Sprint-Pennsylvania Pa. P.U.C. Tariff No. 27.

3.7.2 Non-Zone Rate Option - Toll Free 800 Series Database Access Service

- (A) This option allows the Customer to elect to be billed a composite rate for all interstate Toll Free 800 Series Database Access Service instead of being billed on a per Zone basis as identified in 3.7.2. Notice by the Customer of its selection of this option must be in writing and will be effective upon receipt by the Company. An election to use the Non-Zone Rate Option shall only be effective if the Customer also agrees not to request a change in that election for a period of twenty-four (24) months.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.8 Allowances for Interruptions in Service

Interruptions in service, which are not due to the negligence of, or noncompliance with the provisions of this tariff by, the Customer or the operation or malfunction of the facilities, power or equipment provided by the Customer, will be credited to the Customer as set forth in 3.8.1 for the part of the service that the interruption affects.

3.8.1 Credit for Interruptions

- (A) A credit allowance will be made when an interruption occurs because of a failure of any component furnished by the Company under this tariff. An interruption period begins when the Customer reports a service, facility or circuit to be interrupted and releases it for testing and repair. An interruption period ends when the service, facility or circuit is operative. If the Customer reports a service, facility or circuit to be inoperative but declines to release it for testing and repair, it is considered to be impaired, but not interrupted.
- (B) For calculating credit allowances, every month is considered to have 30 days. A credit allowance is applied on a pro rata basis against the rates specified hereunder and is dependent upon the length of the interruption. Only those facilities on the interrupted portion of the circuit will receive a credit.

ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)

3.8 Allowances for Interruption in Service (cont'd.)

3.8.1 Credit for Interruptions (cont'd.)

(B) (cont'd.)

A credit allowance will be given for interruptions of 30 minutes or more. Credit allowances shall be calculated as follows:

Interruptions of 24 Hours or Less

<u>Length of Interruption</u>	<u>Interruption Period To Be Credited</u>
Less than 30 minutes	None
30 minutes up to but not including 3 hours	1/10 Day
3 hours up to but not including 6 hours	1/5 Day
6 hours up to but not including 9 hours	2/5 Day
9 hours up to but not including 12 hours	3/5 Day
12 hours up to but not including 15 hours	4/5 Day
15 hours up to but not including 24 hours	One Day

Two or more interruptions of 15 minutes or more during any one 24-hour period shall be considered as one interruption.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.8 Allowances for Interruptions in Service (cont'd.)3.8.1 Credit for Interruptions (cont'd.)

(B) (cont'd.)

Interruptions Over 24 Hours and Less Than 72 Hours

Interruptions over 24 hours and less than 72 hours will be credited 1/5 day for each 3-hour period or fraction thereof. No more than one full day's credit will be allowed for any period of 24 hours.

Interruptions Over 72 Hours

Interruptions over 72 hours will be credited 2 days for each full 24-hour period. No more than 30 days credit will be allowed for any one month period.

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ACCESS SERVICES

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Section 3 -- REGULATIONS (Cont'd.)3.8 Allowances for Interruptions in Services (cont'd.)3.8.2 Limitations on Allowances

No credit allowance will be made for:

- (A) interruptions due to the negligence of, or noncompliance with the provisions of this tariff by, the Customer, authorized user, joint user, or other common carrier providing service connected to the service of the Company;
- (B) interruptions due to the negligence of any person other than the Company, including but not limited to the Customer or other common carriers connected to the Company's facilities;
- (C) interruptions due to the failure or malfunction of non-Company equipment;
- (D) interruptions of service during any period in which the Company is not given full and free access to its facilities and equipment for the purpose of investigating and correcting interruptions;
- (E) interruptions of service during a period in which the Customer continues to use the service on an impaired basis;
- (F) interruptions of service during any period when the Customer has released service to the Company for maintenance purposes or for implementation of a Customer order for a change in service arrangements; and
- (G) interruption of service due to circumstances or causes beyond the control of Company.

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ACCESS SERVICES

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Section 4 -- CARRIER COMMON LINE4.1 General Description

The Company will provide Carrier Common Line Access Service (Carrier Common Line Access) to Customers in conjunction with Switched Access Service provided in Section 6 of this tariff or the appropriate Switched Access Service section of other Access Service tariffs.

Carrier Common Line Access provides for the use of Company provided end users' common lines by Customers for access to such end users to furnish Interstate Communications.

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Vice President, Regulatory and Public Policy  
CONSOLIDATED COMMUNICATIONS ENTERPRISE SERVICES, INC.  
350 S. Loop 336 West  
Conroe, TX 77304

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ACCESS SERVICES

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Section 4 -- CARRIER COMMON LINE (Cont'd.)4.2 Limitations4.2.1 Exclusions

Neither a telephone number nor detail billing is provided with Carrier Common Line Access. Additionally, directory listings and intercept arrangements are not included in the rates and charges for Carrier Common Line Access.

4.2.2 Access Groups

All trunk side connections provided in the same access group will be limited to the same features and operating characteristics.

4.3 Undertaking of the Company4.3.1 Provision of Service

Where the Customer is provided Switched Access Service under other sections of this or other Access Service tariffs, the Company will provide the use of Company common lines by a Customer for access to end users at a rate that is contained in the rate schedules set forth in Section 9 following.

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ACCESS SERVICES

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Section 4 -- CARRIER COMMON LINE (Cont'd.)4.3 Undertaking of the Company (cont'd.)4.3.2 Interstate and Intrastate Use

The Switched Access Service provided by the Company includes the Switched Access Service provided for both interstate and intrastate communications. The Carrier Common Line Access rate that is set forth in Section 9 following applies to interstate Switched Access Service access minutes in accordance with the rate regulations as set forth in 4.6.5 following (Percent Interstate Use).

4.4 Obligations of the Customer4.4.1 Switched Access Service Requirement

The Switched Access Service associated with Carrier Common Line Access shall be ordered by the Customer under other sections of this tariff.

4.4.2 Supervision

The Customer facilities at the premises of the ordering Customer shall provide the necessary on-hook and off-hook supervision.

4.5 Determination of Usage Subject to Carrier Common Line Access Charges

Except as set forth herein, all Switched Access Service provided to the Customer will be subject to Carrier Common Line Access charges.

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ACCESS SERVICES

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Section 4 -- CARRIER COMMON LINE (Cont'd.)

4.5 Determination of Usage Subject to Carrier Common Line Access Charges (cont'd.)

4.5.1 Determination of Jurisdiction

When the Customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the Customer for interstate will be determined as set forth in 4.6.5 following (Percentage Interstate Use).

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ACCESS SERVICES

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Section 4 -- CARRIER COMMON LINE (Cont'd.)4.6 Rate Regulations4.6.1 Billing of Charges

Carrier Common Line charges will be billed to each Switched Access Service provided under this tariff in accordance with the regulations as set forth in 4.6.5 following (PIU).

4.6.2 Rate Zones

Rate zones are applicable to the Carrier Common Line rate category. Each Company wire center has been assigned to a rate zone as described in Section 3.7.2 preceding.

4.6.3 Measuring and Recording of Call Detail

When access minutes are used to determine Carrier Common Line charges, they will be accumulated using call detail recorded by Company equipment, except as set forth in 4.6.4 following (Unmeasured FGB Usage), and automated operator services systems call detail such as pay telephone sent-paid, collect, credit-card, third number and/or other like calls recorded by the Customer. The Company measuring and recording equipment, except as set forth in 4.6.4 following (Unmeasured FGB Usage), will be associated with end office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed on a line by line basis, by line group or by end office, whichever type of account is used by the Company, for each Customer and then rounded to the nearest minute.

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ACCESS SERVICES

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Section 4 -- CARRIER COMMON LINE (Cont'd.)4.6 Rate Regulations (cont'd.)4.6.4 Unmeasured Feature Group B Usage

When Carrier Common Line Access is provided in association with Feature Group B Switched Access Service in Company offices that are not equipped for measurement capabilities, an assumed average interstate access minute will be used to determine Carrier Common Line Access charges. These assumed access minutes are as set forth in the exchange carriers' access tariffs.

4.6.5 Percent Interstate Use (PIU)

When the Customer reports interstate and intrastate use of in-service Switched Access Service, Carrier Common Line charges will be billed only to interstate Switched Access Service access minutes based on the data reported by the Customer as set forth in 3.3.3 preceding (Jurisdictional Reports Requirements), except where the Telephone Company is billing according to actuals by jurisdiction.

4.6.6 Determination of Charges

After adjustments, if necessary, to Switched Access minutes have been applied, charges for the involved Customer account will be determined as follows:

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ACCESS SERVICES

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Section 4 -- CARRIER COMMON LINE (Cont'd.)

4.6 Rate Regulations (cont'd.)

4.6.6 Determination of Charges (cont'd.)

(A) The terminating Access per minute charge(s) apply to:

- all terminating access minutes of use;
- less those terminating access minutes of use associated with Mobile Telephone Switching Offices (MTSOs).

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ACCESS SERVICES

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Section 4 -- CARRIER COMMON LINE (Cont'd.)4.6 Rate Regulations (cont'd.)4.6.6 Determination of Charges (cont'd.)

## (A) (cont'd.)

- all originating access minutes of use associated with calls placed to 700, Toll Free 800 Series and 900 numbers, less those originating access minutes of use associated with calls placed to 700, Toll Free 800 Series and 900 numbers for which the Customer furnishes for each month a report of either the number of calls or minutes or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line charges.

When the customer makes this report available to the Company in advance of billing, these minutes of use will be charged on the current bill as originating minutes of use as set forth in (B) following. If a billing dispute arises concerning the Customer provided report, the Company will request the Customer to provide the data the Customer used to develop the report. The Company will not request such data more than once a year. The Customer shall supply the data within 30 days of the Telephone Company request.

When this report is not available to the Company until after billing, it shall be used by the Company to calculate and post a credit to the Customer's account. The credit shall be posted to the Customer's account within 30 days of receipt of the report. The credit shall be calculated by multiplying the number of access minutes of use, for which a credit is determined to be applicable, times the difference between the terminating and originating Carrier Common Line charges in effect when the calls were completed.

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ACCESS SERVICES

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Section 4 -- CARRIER COMMON LINE (Cont'd.)4.6 Rate Regulations (cont'd.)4.6.6 Determination of Charges (cont'd.)

(B) The originating Access, per minute charge(s) apply to:

- all originating access minutes of use;
- less all originating access minutes of use associated with calls placed to 700, Toll Free 800 Series and 900 numbers;
- less those originating access minutes of use associated with Mobile Telephone Switching Offices (MTSOs).
- plus all originating access minutes of use associated with calls placed to 700, Toll Free 800 Series and 900 numbers for which the Customer furnishes for each month a report of either the number of calls or minutes or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line charges, and for which a corresponding reduction in the number of terminating access minutes of use has been made as set forth in (A) preceding.
- Terminating access for 800 traffic will be billed at the prevailing originating switched access rate in section 9 following where such traffic is identifiable; otherwise, prevailing terminating switched access rates apply.

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ACCESS SERVICES

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Section 5 -- ACCESS SERVICE ORDER5.1 General

An Access Service Order is used by the Company to provide a Customer Access Service. 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.

When placing an order for Access Service, the Customer shall provide to the Company the order information required in Section 5.2 in addition to the following:

- 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.

5.2 Ordering Requirements

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 Transport from the tandem to the end office or
- (3) Tandem 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 (i.e., High Capacity DS1).

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ACCESS SERVICES

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Section 5 -- ACCESS SERVICE ORDER (Cont'd.)5.2 Ordering Requirements (cont'd.)

The Customer must also specify the type of Entrance Facility to be used for Switched Access. For High Capacity Entrance Facilities, the Customer must specify the facility assignment and the channel assignment for each trunk.

- (A) For Feature Group B Switched Access Service, the Customer shall specify the number of trunks and the end office when direct routing to the end office is desired or the access tandem switch when routing is desired via an access tandem switch and the Local Transport and Local Switching options desired. When ordering FGB trunks to an access tandem, the Customer must also provide the Company an estimate of the amount of traffic to be generated to and/or from each end office subtending the access tandem to assist the Company in the effort to project further facility requirements.

In addition, the Customer shall also specify for terminating only access, whether the trunks are to be arranged in trunk group arrangements or provided as single trunks.

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ACCESS SERVICES

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Section 5 -- ACCESS SERVICE ORDER (Cont'd.)5.2 Ordering Requirements (cont'd.)

- (B) For Feature Group D Switched Access Service, the Customer shall specify the number of busy hour minutes of capacity (BHMC) from the Customer's premises to the end office by traffic type. This information is used to determine the number of transmission paths. The customer shall also specify the Local Transport and Local Switching options. Customers may, at their option, order FGD by specifying the number of trunks and the end office when direct routing to the end office is desired or the access tandem switch when routing is desired via an access tandem switch and the Local Transport and Local Switching options desired. When ordering by trunk quantities rather than BHMC quantities to an access tandem, the Customer must also provide the 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 Company in its own efforts to project further facility requirements.

In addition, for Feature Group D with the SS7 signaling option, the Customer shall specify the switching point codes and trunk circuit identification codes for trunks with the SS7 signaling option, and the STP point codes, signaling link codes and link type for each Signaling Transfer Point (STP) connection ordered.

When a Customer orders FGD in trunks, the Customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic.

- (C) For Toll Free 800 Series Data Base Access Service, the Customer shall order the service in accordance with the preceding provisions set forth for Feature Group D. If the Customer desires any of the optional features available with Toll Free 800 Series Data Base Service, the Customer shall so specify on the order for service.

ACCESS SERVICES

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Section 5 -- ACCESS SERVICE ORDER (Cont'd.)

5.2 Ordering Requirements (cont'd.)

(D) When a Customer orders collocation in an end office and/or access tandem with Company provided Switched Access Service(s), the Customer must specify the collocated fiber optic facilities or microwave interconnection location involved. The Customer must also specify the particular end office or access tandem location involved, which must be the end office in which the Switched Access Service(s) originate or terminate, or an Access Tandem in which such service(s) are switched.

5.3 Access Order Service Date Intervals

Access Service is provided with one of the following Service Date Intervals:

- Standard Interval
- Negotiated Interval
- Advance Order Interval

To the extent the Access Service can be made available with reasonable effort, the Company will provide the Access Service in accordance with the Customer's requested interval, subject to the following conditions.

(A) Standard Interval

A schedule of Standard Intervals applicable for Switched Access Services is as follows:

<u>Feature Groups B and D</u>	<u>Standard Interval</u>
1 to 4 Trunks	28 Days
5 to 8 Trunks	30 Days

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ACCESS SERVICES

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Section 5 -- ACCESS SERVICE ORDER (Cont'd.)5.3 Access Order Service Date Intervals (cont'd.)(A) Standard Interval (cont'd.)

If a Customer requests that installation be done outside of normal scheduled work hours, and the Company agrees to this request, the Customer will be subject to applicable Additional Labor Charges as set forth in Section 9 following.

A Service Date Change Order as set forth in Section 9 following will apply for the change in service date on a pending Standard Interval Access Order.

(B) Negotiated Interval

The Company will negotiate a service date interval with the Customer when:

- (1) There is no Standard Interval for the service, or;
- (2) The quantity of Access Service orders exceeds the quantities specified in the Standard Intervals, or;
- (3) The Customer requests a service date beyond the applicable Standard Interval service date except as set forth in (C) following.

The Company will offer a service date based on the type and quantity of Access Services the Customer has requested. The Negotiated Interval may not exceed by more than six months the Standard Interval service date, or, when there is no Standard Interval, the Company offered service date. All services for which rates are applied on an individual case basis are provided with a Negotiated Interval.

ACCESS SERVICES

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Section 5 -- ACCESS SERVICE ORDER (Cont'd.)

5.3 Access Order Service Date Intervals (cont'd.)

(B) Negotiated Interval (cont'd.)

Common Channel Signaling Access (CCSA) links will be provided on a Negotiated Interval. New or existing FGD trunks ordered with the SS7 signaling option will be provided on a Negotiated Interval.

The addition and/or deletion of an 800 Access Service six-digit Customer identification NXX is provided with a Negotiated Interval.

The addition of an 800 Access Service ten-digit Customer identification record to the 800 Access Service data base or the deletion of an 800 Access Service ten-digit Customer identification record from the 800 Access Service data base is provided with a Negotiated Interval.

Maximum Interval

Initial establishment of service where Customer is:

- Not yet provided with any FGB or FGD service in the LATA 6 Months
- Provided FGB or FGD service in the LATA 90 Days

(C) Advance Order Interval

When placing an Access Order, a Customer may request an Advance Order Interval for a service date of 12 to 24 months from the Application Date for the following services:

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Section 5 -- ACCESS SERVICE ORDER (Cont'd.)5.3 Access Order Service Date Intervals (cont'd.)(C) Advance Order Interval (cont'd.)

- A minimum of 24 voice grade equivalent Switched Access Service lines or trunks or 720 BHMCs.

Orders for less than the minimum quantities will be accommodated under Standard or Negotiated Interval provisions.

Advance Order Interval Access Orders are subject to all ordering conditions of Standard and Negotiated Interval Access Orders except for the following:

(1) Advance Payment

A nonrefundable Advance Payment will be calculated as follows:

Advance Payment (Nonrefundable) the minimum (Nonrefundable) monthly charge for the minimum period plus the applicable Nonrecurring Charges for the services ordered.

This Advance Payment is due 10 working days from the date the Company confirms acceptance of the order, or on the Application Date, whichever date is the later date. If the Advance Payment is not received by such payment date, the order will be cancelled.

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Section 5 -- ACCESS SERVICE ORDER (Cont'd.)5.3 Access Order Service Date Intervals (cont'd.)(C) Advance Order Interval (cont'd.)(1) Advance Payment (cont'd.)

When the Access Services are connected on the service date, the Advance Payment will be applied, as a credit, to the Customer's billed service charges. When there has been a decrease in the number of services originally ordered, as set forth in (2) following, only the portion of the Advance Payment for services actually installed will be credited.

(2) Cancellation or Partial Cancellation of an Advance Order Interval Access Order

When the Customer cancels an Access Order, the order will be withdrawn. The Advance Payment will not be credited or refunded.

Any decrease in the number of ordered Access Services will be treated as a partial cancellation, and the portion of the Advance Payment for the services cancelled will not be credited or refunded.

5.4 Access Order Modifications

The Customer may request a modification of its Access Order at any time prior to notification by the Company that service is available for the Customer's use or prior to the service date, whichever is later.

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).

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Section 5 -- ACCESS SERVICE ORDER (Cont'd.)5.4 Access Order Modifications (cont'd.)(A) Service Date Change Charge

Access Order service dates for the installation of new services or rearrangements of existing services may be changed, but the new service date may not exceed the original service date by more than 30 calendar days. When, for any reason, the Customer indicates that service cannot be accepted for a period not to exceed 30 calendar days, and the Company accordingly delays the start of service, a Service Date Change Charge will apply. If the Customer requested service date is more than 30 calendar days after the original service date, the order will be cancelled by the Company and reissued with the appropriate cancellation charges applied.

A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The applicable charge is as set forth in Section 9 following.

(B) Partial Cancellation Charge

Any decrease in the number of ordered Switch Access Service lines, trunks or busy hour minutes of capacity ordered with a Standard or Negotiated Interval Access Order will be treated as a partial cancellation and the charges as set forth in Section 5.5(B)(1) following will apply. Partial cancellation charges do not apply to Advance Order Interval Access Orders.

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Section 5 -- ACCESS SERVICE ORDER (Cont'd.)5.4 Access Order Modifications (cont'd.)(C) Design Change Charge

The Customer may request a design change to the service ordered. A design change is any change to an Access Order which requires engineering review. Design changes do not include a change of Customer premises, end user premises, end office switch, Feature Group type except for changes to Feature Group D. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied.

The Design Change Charge will apply on a per order per occurrence basis, for each order requiring a design change. The applicable charge is set forth in Section 9 following in addition to Additional Engineering as set forth in Section 9 following. If a change of service date is required, the Service Date Change Charge will also apply.

(D) Expedited Order Charge

A Customer may request a service date that is prior to an applicable service date when placing an access order, or may request an earlier service date on a pending access order. If the Company determines that extraordinary costs or additional labor is required to meet the requested date, the Company will notify the Customer and provide an estimate of the charges including Service Date Change charges. With Customer agreement, all charges will be billed at actual costs, not to exceed 10 percent over the estimated charges. (See Additional Labor Charges, Section 9 following.)

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Section 5 -- ACCESS SERVICE ORDER (Cont'd.)5.5 Cancellation of an Access Order

(A) A Customer may cancel an Access Order for the installation of service at any time prior to notification by the Company that service is available for the Customer's use or prior to the service date, whichever is later. The cancellation date is the date the 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 an 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.

If no cancellation request is received within the specified 30 calendar days, billing for the service will commence. In any event, the cancellation date or the date billing is to commence, as applicable, shall be the 31st day beyond the original service date of the Access Order.

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Section 5 -- ACCESS SERVICE ORDER (Cont'd.)5.5 Cancellation of an Access Order (cont'd.)

- (B) When a Customer cancels a Standard or Negotiated Interval Access Order for the installation of service, a Cancellation Charge will apply as follows:
- (1) When the Customer cancels an Access Order, a charge equal to the estimated provisioning costs incurred at a particular date for the service ordered by the Company shall apply.
  - (2) If the Company misses a service date for a Standard or Negotiated Interval Access Order by more than 30 days, due to circumstances such as acts of God, governmental requirements, work stoppages and civil commissions, the Customer may cancel the Access Order without incurring cancellation charges.

5.6 Minimum Period

- (A) The minimum period for which Access Service is provided and for which charges are applicable, is one month.
- (B) The following changes will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service.

The changes listed below are those which will be treated as a discontinuance and installation of service and for which a new minimum period will be established.

- (1) A move to a different building.
- (2) A change in type of service.
- (3) A change in Switched Access Service Interface Group.
- (4) Change in Switched Access Service traffic type.
- (5) A change in STP Link.
- (6) A change in STP Port.
- (7) Change in Company-provided Switched Access Service to a Collocated Interconnection arrangement or vice versa.
- (8) Change to an existing Feature Group D Service to include the provision of 64 kbps Clear Channel Capability.

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Section 5 -- ACCESS SERVICE ORDER (Cont'd.)

5.6 Minimum Period (cont'd.)

- (C) 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:

For Switched Access Service, the charge for a month or fraction thereof is equal to the applicable minimum monthly charge for the capacity.

All applicable nonrecurring charges for the service will be billed in addition to the Minimum Period Charge.

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Section 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. It provides for the use of common terminating, switching, and trunking facilities and for the use of common subscriber plant of the Company. 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.

Rates and charges for Switched Access Service depend generally on the specific Feature Group ordered by the Customer. Rates and charges for Switched Access Service are set forth in Section 9 following. The application of rates for Switched Access Service is described in 6.6 following.

The following provision applies to the treatment of Toll VoIP-PSTN Traffic pursuant to the Federal Communications Commission's Part 51 Interconnection rules and in compliance with the Federal Communications Commission's Report and Order and Further Notice of Proposed Rulemaking in CC Docket Nos. 96-45 and 01-92; GN Docket No. 09-51; WC Docket Nos. 03-109, 05-337, 07-135 and 10-90; and WT Docket No. 10-208, adopted October 27, 2011 and released November 18, 2011 (FCC 11-161). In the absence of an interconnection agreement between the Telephone Company and the customer specifying the treatment of Toll VoIP-PSTN Traffic, the Telephone Company will bill the customer the applicable switched access rates and charges specified in Section 17.2, following, on all jurisdictionally interstate voice traffic identified as Toll VoIP-PSTN Traffic.

6.1.1 Description and Provision of Switched Access Service Arrangements(A) Description

Switched Access Service is provided in two different Feature Group arrangements which are service categories of standard and optional features. These are differentiated by their technical characteristics. They are also differentiated by optional feature availability and the manner in which the end user accesses them in originating calling.

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

Following is a brief description of each type of service arrangement.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.1 General6.1.1 Description and Provision of Switched Access Service Arrangements (cont'd.)(A) Description (cont'd.)(1) Feature Group B (FGB)

FGB Access, which is available to all Customers, provides trunk side access to Company end office switches with an associated uniform 950-XXXX access code for the Customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer-provided interstate communications capability. The Customer, upon request by the Company, must specify the Interexchange Carrier to which the FGB service is connected or, in the alternative, specify the means by which the FGB access communications is transported to another state. A more detailed description of FGB Access is provided in 6.4.1 following.

(2) Feature Group D (FGD)

FGD Access, which is available to all Customers, provides trunk side access to Company end office switches with an associated uniform 101XXXXX access code for the Customer's use in originating and terminating communications. End users may also originate and terminate calls to a selected FGD Access customer without dialing the 101XXXXX access code by using the Company's presubscription service. A more detailed description of FGD Access is provided in 6.4.2 following.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.1 General (cont'd.)6.1.1 Description and Provision of Switched Access Service Arrangements (cont'd.)(B) Manner of Provision

Switched Access is furnished in quantities of trunks or in busy hour minutes of capacity (BHMCs). FGB Access is furnished on a per-trunk basis. FGD Access is furnished on a BHMC and on a per trunk basis as set forth in 5.2 preceding.

BHMCs are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic among BHMC types is necessary for the Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the Customer.

There are three major BHMC categories identified as: Originating, Terminating and Directory Assistance. Originating BHMCs represent access capacity within a LATA for carrying traffic from the end user to the Customer; Terminating BHMCs represent access capacity within a LATA for carrying traffic from the Customer to the end user; and, Directory Assistance BHMCs represent access capacity within a LATA for carrying Directory Assistance traffic from the Customer to a Directory Assistance location. When ordering capacity for FGD Access in BHMCs, the Customer must at a minimum specify such access capacity in terms of Originating BHMCs and/or Terminating BHMCs.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.1 General (cont'd.)6.1.1 Description and Provision of Switched Access Service Arrangements (cont'd.)(B) Manner of Provision (cont'd.)

Because some Customers will wish to further segregate their originating traffic into separate trunk groups, or because segregation may be required by network considerations, originating BHMCs are further categorized into Domestic, 700, 800, 900, Operator, IDDD and Operator Transfer Services.

6.1.2 Rate Categories

There are four rate categories which apply to Switched Access Service:

- Local Transport (described in 6.1.2(A) following)
- End Office (described in 6.1.2(B) following)
- Chargeable Optional Features (described in 6.1.2(C) following)
- Common Line (described in Section 4 preceding)

(A) Local Transport

The Local Transport rate category provides for transmission facilities between the Customer's premises or collocated interconnection location and the Company's end office switch(es) where the Customer's traffic is switched to originate or terminate its communications.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.1 General (cont'd.)6.1.2 Rate Categories (cont'd.)(A) Local Transport (cont'd.)

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction and in the terminating direction, but not simultaneously.

Local Transport is set forth in Section 9 following. The application of these rates with respect to individual Feature Groups is as set forth in 6.6 following.

The Local Transport Rate Category includes three classifications of rate elements:

- Entrance Facility
- Direct Trunked Transport
- Tandem Switched Transport

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.1 General (cont'd.)6.1.2 Rate Categories (cont'd.)(A) Local Transport (cont'd.)(1) Entrance Facility

The Entrance Facility rate element provides for the use of a communications path between a Customer designated premises and the serving wire center of that premises. Included as part of the Entrance Facility 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 Customer designated premises and the type of signaling capability, if any. Entrance Facility is available as High Capacity service.

One charge applies for each Entrance Facility that is terminated at a customer-designated premises. This charge specified in Section 9 following will apply even if the Customer designated premises and the serving wire center are collocated in a Company building.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)

6.1 General (cont'd.)

6.1.2 Rate Categories (cont'd.)

(A) Local Transport (cont'd.)

(2) Direct Trunked Transport

The Direct Trunked Transport rate elements provides for the use of a communications path between a serving wire center and an end office or serving wire center and a tandem on circuits dedicated to the use of a single Customer.

Direct Trunked Transport is available in High Capacity DS1 circuits only.

Direct Trunked Transport rates are set forth in Section 9 following.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.1 General (cont'd.)6.1.2 Rate Categories (cont'd.)(A) Local Transport (cont'd.)(3) Tandem Switched Transport

The Tandem Switched Transport rate elements provide for the use of a communications path between a serving wire center and an end office or between a tandem and an end office on circuits that are switched at a tandem.

Tandem Switched Transport rates consists of a Tandem Transport Facility rate and a Tandem Transport Termination rate.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)

6.1 General (cont'd.)

6.1.2 Rate Categories (cont'd.)

(A) Local Transport (cont'd.)

(3) Tandem Switched Transport (cont'd.)

- (a) The Tandem Transport Facility component, if applicable, is contained in Section 9 following.
- (b) The Tandem Transport Termination component, if applicable, is contained in Section 9 following.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.1 General (cont'd.)6.1.2 Rate Categories (cont'd.)(A) Local Transport (cont'd.)(4) Interface Groups

Three Interface Groups are provided for terminating the Entrance Facility at the customer's designated premises. Technical specifications concerning the available interface groups is set forth in (a) following.

- (a) Interface Group 6 provides DS1 level digital transmission at the point of termination at the Customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.1 General (cont'd.)6.1.2 Rate Categories (cont'd.)(A) Local Transport (cont'd.)(5) Optional Features

Where transmission facilities permit, the individual transmission paths 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 6.5 following.

- Supervisory Signaling
- Customer Specified Entry Switch Receive Level
- Customer Specification of Local Transport Termination
- Multiplexing

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.1 General (cont'd.)6.1.2 Rate Categories (cont'd.)(B) End Office

The End Office rate category establishes the charges related to the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category consists of the Local Switching rate element.

The Local Switching rate element establishes the charges related to the use of end office switching equipment, the terminations in the end office of end user lines, and the termination of calls at Company Intercept Operators or recordings.

Where end offices are appropriately equipped, international dialing may be provided with Feature Group D service. International dialing provides the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard FGD equipped end office.

The Local Switching component is contained in Section 9 following.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.1 General (cont'd.)6.1.2 Rate Categories (cont'd.)(C) Chargeable Optional Features

Where facilities permit, the Company will, at the option of the Customer, provide the following chargeable optional features.

(1) Toll Free 800 Series Data Base Access Service

Toll Free 800 Series Data Base Access Service is provided to Customers in conjunction with originating FGD switched access service. When a 1+800+NXX-XXXX call is originated by an end user, the Company will utilize the Signaling System 7 (SS7) network to query an 800 data base to identify the Customer to whom the call will be delivered, time of day routing, day of week routing, specific date routing, geographic routing, and emergency routing. The Customer has the option of having the dialed 800 number (i.e., 800-NXX-XXXX) or, if the 800 Optional Features service is specified, a translated intralata 10 digit POTS number (i.e., NPA-NXX-XXXX) delivered to the Customer. Rates for Customer Identification and Delivery Charge, and 800 Optional Features are as set forth in Section 9 following.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.1 General (cont'd.)6.1.3 Design Layout Report

At the request of the Customer, the Company will provide to the Customer the makeup of the facilities and services provided from the Customer's premises to the first point of switching. 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.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.2 Undertaking of the Company

In addition to the obligations of the Company set forth in Section 3, preceding, the Company has certain other obligations concerning the provision of Switched Access Service. These obligations are as follows:

6.2.1 Network Management

The Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Company's network services. Generally, service levels are considered acceptable only when both end users and Customers are able to establish connections with little or no delay encountered within the Company network. The Company maintains the right to apply protective controls, i.e., those actions which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a Customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Company or Customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Company result in the complete loss of service by the Customer, the Customer will be granted a Credit Allowance for Service Interruption as set forth in 3.8.1 preceding.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.2 Undertaking of the Company (cont'd.)6.2.2 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Company through its own service evaluation routines, may also be made available to the Customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., Customer equipment blockage, failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.2.3 Determination of Number of Transmission Paths

For Feature Group B, which is ordered on a per line or per trunk basis respectively, and Feature Group 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.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.2 Undertaking of the Company (cont'd.)6.2.3 Determination of Number of Transmission Paths (cont'd.)

For Common Transport, the Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group D busy hour minutes of capacity ordered. The number of transmission paths will be developed using the total busy hour minutes of capacity by type (as described in 6.1.1(B) preceding) for the end offices for each Feature Group ordered from a Customer's designated premises. The total busy hour minutes of capacity by type (e.g., originating, terminating, IDDD, Operator) for the end office will be converted to transmission paths using standard 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.

6.2.4 (Reserved for Future Use)6.2.5 (Reserved for Future Use)6.2.6 Trunk Group Measurement Reports

Subject to availability, the 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.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.2 Undertaking of the Company (cont'd.)6.2.7 Design Blocking Probability

The Company will design the facilities used in the provision of Switched Access Service FGD to meet the blocking probability criteria as set forth in (A) and (B) following.

- (A) For Feature Group D, the design blocking objective will be no greater than one percent (.01) between the point of termination at the Customer's designated premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem.

Standard traffic engineering methods will be used by the Company to determine the number of transmission paths required to achieve this level of blocking.

- (B) The Company will perform routine measurement functions to assure that an adequate number of transmission paths are in service. The Company will recommend that additional capacity (i.e., busy hour minutes of capacity or trunks) be ordered by the Customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)

6.2 Undertaking of the Company (cont'd.)

6.2.7 Design Blocking Probability (cont'd.)

(B) (cont'd.)

- (1) For transmission paths carrying only first routed traffic direct between an end office and Customer's designated premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds In the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Measurement	11-14 Measurement	7-10 Measurement	3-6 Measurement
2	7%	8.0%	9%	14.0%
3	5%	6.0%	7%	9.0%
4	5%	6.0%	7%	8.0%
5-6	4%	5.0%	6%	7.0%
7 or more	3%	3.5%	4%	6.0%

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)

6.2 Undertaking of the Company (cont'd.)

6.2.7 Design Blocking Probability (cont'd.)

(B) (cont'd.)

(2) For transmission paths carrying first routed traffic between an end office and Customer's premises via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds In the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Measurement	11-14 Measurement	7-10 Measurement	3-6 Measurement
2	4.5%	5.5%	6.0%	9.5%
3	3.5%	4.0%	4.5%	6.0%
4	3.5%	4.0%	4.5%	5.5%
5-6	2.5%	3.5%	4.0%	4.5%
7 or more	2.0%	2.5%	3.0%	4.0%

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.3 Obligations of the Customer

In addition to the obligations of the Customer set forth in Section 3 preceding, the Customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

6.3.1 Report Requirements

Customers are responsible for providing the following report to the Company, when applicable.

(A) Jurisdictional Reports

When a Customer orders Switched Access Service for both interstate and intrastate use, the Customer is responsible for providing reports as set forth in 3.3.3 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the interstate charges is set forth in 3.3.3 preceding.

6.3.2 Trunk Group Measurement Reports

With the agreement of the Customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.3 Obligations of the Customer6.3.3 Supervisory Signaling

The Customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

6.3.4 Short Duration Mass Calling Requirements

When a Customer offers service for which a substantial call volume is expected during a short period of time (e.g., 900 service media stimulated events), the Customer must notify the Company at least 48 hours in advance of each peak period. Notification should include the nature, time, duration, and frequency of the event, an estimated call volume, and the telephone number(s) to be used.

On the basis of the information provided, the Company may invoke network management controls (e.g., call gapping and code blocking) to reduce the probability of excessive network congestion. The Company will work cooperatively with the Customer to determine the appropriate level of such control.

6.3.5 Design of Switched Access Services

When a Customer orders Switched Access Service on a per line or per trunk basis, it is the Customer's responsibility to assure that sufficient access services have been ordered to handle its traffic.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.3 Obligations of the Customer (Cont'd)6.3.6 Call Signaling

Depending on the signaling system used by the customer in its network, the customer's facilities shall transmit the following call signaling information to the Telephone Company on traffic the customer's end users originate which is handed off for termination on the Telephone company's network.

## (A) Signaling System 7 (SS7) Signaling

When the customer uses SS7 signaling, it will transmit the Calling Party Number (CPN) or, if different from the CPN, the Charge Number (CN) information in the SS7 signaling stream.

## (B) Multi-Frequency (MF) Signaling

When the customer uses MF signaling, it will transmit the number of the calling party or, if different from the number of the calling party or, if different from the number of the calling party, the charge Number (CN) information in the MF Automatic Number Identification (ANI) field.

## (C) Internet Protocol (IP) Signaling

When the customer uses IP signaling, it will transmit the telephone number of the calling party or, if different from the telephone number, the billing number of the calling party

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.4 Provision and Description of Switched Access Service Feature Groups

Switched Access Service is provided in various arrangements including two different Feature Group arrangements. The provision of each Feature Group requires Switched Transport services and the appropriate Local Switching Functions. In addition, Switched Transport and Local Switching optional features are available as options with the various Feature Groups.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, the optional features available for use with it and the standard testing capabilities.

6.4.1 Feature Group B (FGB)(A) Description

- (1) FGB Access, which is available to all Customers, provides trunk side access to Company end office switches with an associated uniform 950-XXXX access code. FGB trunk side access is provided for the Customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a Customer provided interstate communications capability. The Customer must specify the Interexchange Carrier to which the FGB service is connected or, in the alternative, specify the means by which the FGB access communications is transported to another state.
- (2) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Company electronic end office switches. When provided via Company designated electronic access tandem switches, FGB switching is provided at Company electronic and electromechanical end office switches.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.4 Provision and Description of Switched Access Service Feature Groups (cont'd.)6.4.1 Feature Group B (FGB) (cont'd.)(A) Description (cont'd.)

- (3) FGB 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-pulsing signals and answer and disconnect supervisory signaling.
- (4) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 6.5, any other address signaling in the originating direction, if required by the Customer, must be provided by the Customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Company and will be subject to the ordinary transmission capabilities of the Local Transport provided
- (5) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-XXXX. A uniform access code(s) will be assigned to the Customer for the Customer's domestic communications and another will be assigned to the Customer for its international communications, if required. These access codes will be the assigned access numbers of all FGB switched access service provided to the Customer by the Company.
- (6) The Company will establish a trunk group or groups for the Customer at end office switches or access tandem switches where FGB switching is ordered. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Company.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.4 Provision and Description of Switched Access Service Feature Groups (cont'd.)6.4.1 Feature Group B (FGB) (cont'd.)(A) Description (cont'd.)

- (7) FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Company, community information services of an information service provider and other Customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed.

The Customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGB trunk to another Customer's service in accordance with that Customer's applicable service rates when the Company performs the billing function for that Customer.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.4 Provision and Description of Switched Access Service Feature Groups (cont'd.)6.4.1 Feature Group B (FGB) (cont'd.)(A) Description (cont'd.)

## (7) (cont'd.)

Calls in the terminating direction will not be completed to the 950-XXXX access code, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), services codes 611 and 911 or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGB switching is combined with Directory Assistance (DA) switching. The combination of FGB Switched Access Service with DA service is provided as set forth in Section 9 following. FGB may not be switched, in the terminating direction, to Switched Access Service Feature Groups B and D.

- (8) When all FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.4 Provision and Description of Switched Access Service Feature Groups (cont'd.)6.4.1 Feature Group B (FGB) (cont'd.)(B) Optional Features

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group B. They are set forth in (1), (2) and (3) following and are provided as Common Switching, Transport Termination and Local Transport options. Additionally, other optional features provided in local tariffs are set forth in (4) following.

(1) Common Switching Options

- (a) Automatic Number Identification
- (b) Alternate Traffic Routing
- (c) Up to 7 Digit Outpulsing of Access Digits to Customers

(2) Transport Terminations Options

- (a) Rotary Dial Station Signaling

(3) Local Transport Options

- (a) Customer Specification of Local Transport Termination
- (b) Supervisory Signaling
- (c) Customer Specified Entry Switch Receive Level

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)

6.4 Provision and Description of Switched Access Service Feature Groups (cont'd.)

6.4.1 Feature Group B (FGB) (cont'd.)

(B) Optional Features (cont'd.)

(4) Optional Features Provided in Local Tariffs

Certain other features which may be available in connection with Feature Group B are provided under the Company's local and/or general exchange service tariffs. These are:

- Bill Number Screening

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.4 Provision and Description of Switched Access Service Feature Groups (cont'd.)6.4.2 Feature Group D (FGD)(A) Description

- (1) FGD Access, which is available to all Customers, provides trunk side access to Company end office switches.
- (2) FGD is provided at Company designated end office switches whether routed directly or via Company designated electronic access tandem switches.
- (3) 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-pulsing signals and answer and disconnect supervisory signaling.
- (4) 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 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 SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.4 Provision and Description of Switched Access Service Feature Groups (cont'd.)6.4.2 Feature Group D (FGD) (cont'd.)(A) Description (cont'd.)

- (5) FGD switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Company, community information services of an information service provider, and other Customer's services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The Customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.4 Provision and Description of Switched Access Service Feature Groups (cont'd.)6.4.2 Feature Group D (FGD) (cont'd.)(A) Description (cont'd.)

## (5) (cont'd.)

Additionally, non-access charges will also be billed for calls from a FGD trunk to another Customer's service in accordance with that Customer's applicable service rates when the Company performs the billing function for that Customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 and 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGD switching is combined with Directory Assistance switching. The combination of FGD Switched Access Service with DA Service is provided as set forth in Section 9 following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Group B.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.4 Provision and Description of Switched Access Service Feature Groups (cont'd.)6.4.2 Feature Group D (FGD) (cont'd.)(A) Description (cont'd.)

- (6) The Company will establish a trunk group or groups for the Customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Company.
- (7) The access code for FGD switching is a uniform access code of the form 101XXXX. A uniform access code(s) will be the assigned number of all FGD access provided to the Customer by the Company. No access code is required for calls to a Customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that Customer, as set forth in 7.4 following.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)

6.4 Provision and Description of Switched Access Service Feature Groups (cont'd.)

6.4.2 Feature Group D (FGD) (cont'd.)

(A) Description (cont'd.)

(7) (cont'd.)

Where no access code is required, the number dialed by the Customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside of the NANP, a seven to twelve-digit number may be dialed. The form of the numbers dialed by the Customer's end user is NXX-XXXX, 0 or 1+NXX-XXXX, NPA+NXX-XXXX, 0 or 1+NPA+NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01+CC+NN or 011+CC+NN. (X)

When the 101XXXX access code is used, FGD switching also provides for dialing the digit 0 for access to the Customer's operator, 911 or access to the Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the Customer designated premises.

- (8) FGD switching will be arranged to accept calls or 101XXXX from exchange service locations without the need for dialing the 101XXXX uniform access code. Each exchange service line may be marked with a code to identify which 101XXXX code its calls will be directed to for interLATA service.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.4 Provision and Description of Switched Access Service Feature Groups (cont'd.)6.4.2 Feature Group D (FGD) (cont'd.)(A) Description (cont'd.)

- (9) When a Customer has had FGB access in an end office and subsequently replaces the FGB access with FGD access, at the mutual agreement of the Customer and the Company, the Company will direct calls dialed by the Customer's end users using the Customer's previous FGB access code to the Customer's FGD access service. The Customer must be prepared to handle normally dialed FGD calls, as well as calls dialed with the FGB access code which requires the Customer to receive additional address signaling from the end user. Such calls will be rated as FGD. The Company may, with 90 days' written notice to the Customer, discontinue this arrangement.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.4 Provision and Description of Switched Access Service Feature Groups (cont'd.)6.4.2 Feature Group D (FGD) (cont'd.)(B) Optional Features

Following are the various optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group D. Optional Features are provided as Common Switching, Transport Termination and Local Transport options as set forth in (1) through (3) following.

(1) Common Switching Options

- (a) Alternate Traffic Routing
- (b) Automatic Number Identification - ANI
- (c) Flexible Automatic Number Identification
- (d) International Carrier Option
- (e) Service Class Routing

(2) Transport Termination Optional Features

- (a) Operator Trunk, Full Feature Arrangement

(3) Local Transport Options

- (a) Supervisory Signaling
- (b) Signaling System 7 (SS7) Signaling
- (c) Toll Free 800 Series Data Base Access

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.5 Optional Features

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups. They are provided as Common Switching, Transport Termination and Local Transport options.

6.5.1 Common Switching Optional Features(A) Automatic Number Identification (ANI)

- (1) This option provides the automatic transmission of a seven digit or ten-digit number and information digits to the Customer designated premises for calls originating in the LATA, to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with:
  - (a) all individual transmission paths in a trunk group routed directly between an end office and a Customer designated premises or, where technically feasible, with
  - (b) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a Customer designated premises.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.5 Optional Features6.5.1 Common Switching Optional Features (cont'd.)(A) Automatic Number Identification (ANI) (cont'd.)

- (2) The seven-digit ANI number is generally available with Feature Group B. Technical limitations may exist in Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines, coin stations and coinless pay telephones using Feature Group B, or when an ANI failure has occurred. Seven digit ANI is not available with SS7 Signaling.
- (3) The ten digit ANI telephone number is only available with Feature Group D. The ten digit ANI telephone number consists of the Number Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below). Ten digit ANI is provided with multifrequency address signaling or SS7 signaling.
- (4) Where complete ANI detail cannot be provided, e.g., on calls from 4 and 8 party services, information digits will be provided to the Customer. These ANI information digits are generally available with Feature Groups B and D.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.5 Optional Features6.5.1 Common Switching Optional Features (cont'd.)(B) Up to 7 Digit Outpulsing of Access Digits to Customer

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-XXXX) to the Customer designated premises.

The Customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the Customer designated premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. This feature is available with Feature Group B.

(C) Service Class Routing

This option provides the capability of directing originating traffic from an end office to a trunk group to a Customer designated premises, based on the line class of service (e.g., coin, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+, 01+ or 011+) or Service Access Code (e.g., 900). It is provided in suitably equipped end office or access tandem switches. It is available with Feature Group D.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.5 Optional Features6.5.1 Common Switching Optional Features (cont'd.)(D) Alternate Traffic Routing

When the Customer orders both Direct Trunked Transport and Common Transport at the same end office, this option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a Customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises. The Customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches. It is available with Feature Groups B and D.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.5 Optional Features6.5.1 Common Switching Optional Features (cont'd.)(E) 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 Company is able to route originating international calls to a Customer other than the one designated by the end user either through presubscription or 101XXXX dialing). This arrangement requires provision of written verification to the 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 Company end offices or access tandems equipped for International Direct Distance Dialing and is available only with Feature Group D.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.5 Optional Features6.5.1 Common Switching Optional Features (cont'd.)(F) Flexible Automatic Number Identification

This feature provides enhanced Automatic Number Identification service by providing additional information indicator (ii) digits. Flexible Automatic Number Identification will provide additional values for these ii digits over and above the values currently available with the ANI Feature, and will be used to identify additional call types.

Customers who have the ANI feature, but do not order Flexible Automatic Number Identification, will continue to receive the standard ii digits or originating line information. Flexible Automatic Number Identification ii digits will be assigned by the North American Numbering Plan Administrator. (X)

This service is only available with Feature Group D served by suitably equipped Company central offices and will be subject to a charge as specified in Section 9 following.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.5 Optional Features6.5.2 Transport Termination Optional Features(A) Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the Customer designated premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B, only on a directly trunked basis.

(B) Operator Trunk, Full Feature Arrangement

This option provides the initial coin return control function to the Customer's operator. It is available with Feature Group D.

6.5.3 Local Transport Option Features(A) Customer Specified Entry Switch Receive Level

Customer Specified Entry Switch Receive Level allows the Customer to specify the receive transmission level at the first point of switching. This feature is available with Interface Groups 2, 3 and 6 for Feature Group B.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.5 Optional Features6.5.3 Local Transport Option Features (cont'd.)(B) Customer Specification of Local Transport Termination

Customer Specification of Local Transport Termination allows the Customer to specify, for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the first point of switching in lieu of a Telephone Company selected two-wire termination. This option is available only when the Feature Group B arrangement is provided with Type B Transmission Specifications.

(C) Supervisory Signaling

Supervisory Signaling allows the Customer to order an optional supervisory signaling arrangement for each transmission path provided where the transmission parameters permit, and where signaling conversion is required by the Customer to meet its signaling capability.

(D) Signaling System 7 (SS7) Signaling

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. The signaling information is transmitted over facilities provided with the Signaling Transfer Point (STP) Access as specified in 6.5.3(E) following. This feature is available with FGD.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.5 Optional Features6.5.3 Local Transport Option Features (cont'd.)(E) Toll Free 800 Series Data Base Access Service

Toll Free 800 Series Data Base Access Service is provided with FGD Switched Access Signaling Transfer Point (STP) Access is comprised of two parts; an STP Link and an STP Port. The STP Link is provided as a dedicated 56 Kbps out-of-band signaling connecting between the Customer's Signaling Point of Interface (SPOI) and the STP port on the STP.

The STP Access service is provisioned by a mated pair of STPs to ensure network availability and reliability. The Company shall not be held liable for service outages if the Customer employs technology related to the interconnection of signaling networks that does not adhere to generally accepted industry technical standards.

When STP Access service is provisioned for use with SS7 Signaling, interconnection between signaling networks must occur at an STP.

When a 1+800+NXX-XXXX call is originated by an end user, the Company will utilize the Signaling System 7 (SS7) network to query an 800 data base to perform the Customer identification function. The call will then be routed to the identified Customer over FGD switched access.

The manner in which Toll Free 800 Series Data Base Access service is provided is dependent on the availability of SS7 service at the end office from which the service is provided as outlined following:

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.5 Optional Features6.5.3 Local Transport Option Features (cont'd.)(E) Toll Free 800 Series Data Base Access Service (cont'd.)

- When Toll Free 800 Series Data Base Access service originates at an end office equipped with Service Switching Point (SSP) capability for querying centralized data bases, all such service will be provisioned from that end office.
- When Toll Free 800 Series Data Base Access service originates at an end office not equipped with SSP Customer identification capability, the 800 call will be delivered to the access tandem on which the end office is homed for 800 service and which is equipped with the SSP feature to query centralized data bases.
- Query charges as set forth in Section 9 following are in addition to those charges applicable for the Feature Group D switched access service.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.5 Optional Features6.5.3 Local Transport Option Features (cont'd.)(F) Multiplexing

Multiplexing provides the capability of converting the capacity or bandwidth of a facility from a higher level to a lower level or from a lower level to a higher level. Multiplexing arrangements are available for Entrance Facilities and Direct Trunked Transport facilities. Rates for Entrance Facility are set forth in Section 9. Rates for Direct Trunked Transport are set forth in Section 9 following.

When the customer requests Tandem Switched Transport and Direct Trunked Transport to connect to the same Entrance Facility, multiplexing may be ordered by the customer as a chargeable optional feature of the Entrance Facility.

Chargeable multiplexing arrangements may be ordered with an Entrance Facility at a SWC or a Direct Trunked Transport Facility at an end office of higher capacity or bandwidth.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.5 Optional Features6.5.3 Local Transport Option Features (cont'd.)(F) Multiplexing (cont'd.)(1) DS3 to DS1

An arrangement which converts a DS3 channel to twenty-eight DS1 channels utilizing time division multiplexing. The twenty-eight channels may be further multiplexed utilizing DS1 to Voice Grade multiplexer. DS3 to DS1 multiplexing is available as a chargeable optional feature for Entrance Facilities and Direct Trunked Transport facilities. DS3 to DS1 multiplexing is always required at the SWC of the customer's premises when a DS3 Entrance Facility is to connect to a lower level of capacity.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.6 Rate Regulations

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

6.6.1 Rate Zones

Rate zones are applicable to all Switched Access Service rate categories. In a given state, each Company wire center has been assigned to a rate zone as described in Section 3.7.2 preceding.

- Entrance Facility rates are dependent upon the zone assignment of the Serving Wire Center.
- Direct Trunked Termination and Tandem Transport Termination rates are dependent upon the assignment of the Serving Wire Center and the Company access tandem or the end office.
- Direct Trunked Transport and Tandem Transport that is computed between wire centers in different rate zones will be assigned the rates in the higher rate zone.
- Local Switching and Network Blocking rates will be determined by the designation of the end office.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.6 Rate Regulations (cont'd.)6.6.2 Description and Application of Rates and Charges

There are three types of rates and charges that apply to Switched Access Service. These are recurring rates, usage rates and nonrecurring charges. These rates and charges are applied directly to various rate elements as set forth following.

(A) Recurring Rates

Recurring rates are flat rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per occurrence (e.g., access minute, message call or query) basis. Usage rates are accumulated over a monthly period.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.6 Rate Regulations (cont'd.)6.6.2 Description and Application of Rates and Charges (cont'd.)(C) Nonrecurring Charges

Nonrecurring charges are on-time charges that apply for a specific work activity (i.e., installation of new services or rearrangements of installed services).

(1) Installation of Service

- (a) A nonrecurring charge applies for each initial installation of an Entrance Facility. For each Entrance Facility of the same type, ordered at the same time, for the same date and from the same Customer premises to the same serving wire center, the applicable Entrance Facility nonrecurring charge will apply for each installation.
- (b) A nonrecurring Installation Charge, as set forth in Section 9 following, applies to each Tandem Switched Transport Facility and Direct Trunked Facility installed. For Switched Services ordered on a busy hour minutes of capacity basis, the charge is applied only when the capacity ordered requires the installation of an additional trunk(s).

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.6 Rate Regulations (cont'd.)6.6.2 Description and Application of Rates and Charges (cont'd.)(D) Application of Rates(1) Entrance Facility Rates

One flat monthly Entrance Facility charge applies per Customer designated premises at which an Entrance Facility channel is terminated. This charge will apply even if the Customer designated premises and the serving wire center are located in the same building.

(2) Customer Identification Charge

The Toll Free 800 Series Data Base Access Service Customer Identification Charge applies for the identification of the appropriate Customer for Toll Free 800 Series Data Base Access Service. The charge is assessed to the Customer on a per query basis.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.6 Rate Regulations (cont'd.)6.6.3 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Company to determine the basis for computing chargeable access minutes. In the event the Customer message detail is not available because the Company will estimate the tapes or experienced recording system outages, the Company will estimate the volume of lost Customer access minutes of use based on previously known value.

For terminating calls over FGB and FGD Access Service, the measured minutes are chargeable access minutes. Where assumed minutes are used, the assumed minutes are the chargeable access minutes.

FGB and FGD access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.6 Rate Regulations (cont'd.)6.6.3 Measuring Access Minutes (cont'd.)

- (A) For originating calls over FGB, usage measurement begins when the originating FGB first point of switching receives answer supervision forwarded from the Customer's point of termination, indicating the Customer's equipment has answered.

The measurement of originating call usage over FGB ends when the originating FGB first point of switching receives disconnect supervision from either the originating end user's office, indicating the originating end user has disconnected, or the Customer's point of termination, whichever is recognized first by the first point of switching.

For terminating calls over FGB, usage measurement begins when the terminating FGB first point of switching receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGB ends when the terminating FGB first point of switching receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the Customer's point of termination, whichever is recognized first by the first point of switching.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.6 Rate Regulations (cont'd.)6.6.3 Measuring Access Minutes (cont'd.)(B) Feature Group D Usage MeasurementOriginating Usage

For originating calls over FGD, provided with Multi-Frequency Signaling, usage measurement begins when the originating FGD first point of switching receives the first wink supervisory signal forwarded from the Customer's point of termination.

For originating calls over FGD provided with Signaling System 7 (SS7) Signaling when the FGD end office is not routed through an access tandem for connection to the Customer, usage measurement begins when the SS7 Initial Address Message is sent from the Service Switching Point (SSP) to the Signal Transfer Point (STP).

For originating calls over FGD provided with Signaling System 7 (SS7) signaling when the FGD end office is routed through a tandem for connection to the Customer, usage measurement begins when the FGD end office receives the SS7 Exit Message from the tandem.

The measurement of originating call usage over FGD provided with Multi-Frequency Signaling ends when the originating FGD first point of switching receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the Customer's point of termination, whichever is recognized first by the first point of switching.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.6 Rate Regulations (cont'd.)6.6.3 Measuring Access Minutes (cont'd.)(B) Feature Group D Usage Measurement (cont'd.)Originating Usage (cont'd.)

The measurement of originating call usage over FGD provided with SS7 Signaling ends when the originating FGD end office receives an SS7 Release Message indicating either the originating or terminating end user has disconnected.

Terminating Usage

For terminating calls over FGD provided with Multi-Frequency Signaling, where measurement capability exists, the measurement of chargeable access minutes begins when the terminating FGD first point of switching receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered. This measurement ends when the terminating FGD first point of switching receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the Customer's point of termination, whichever is recognized first by the first point of switching.

For terminating calls over FGD, where measurement capability does not exist, terminating FGD usage is derived from originating usage.

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ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)6.6 Rate Regulations (cont'd.)6.6.3 Measuring Access Minutes (cont'd.)(B) Feature Group D Usage Measurement (cont'd.)Terminating Usage (cont'd.)

For terminating calls over FGD with SS7 signaling, usage measurement begins when the terminating recording switch receives answer supervision from the terminating end user. The Company switch receives answer supervision and sends the indication to the Customer in the form of an answer message. The measurement of terminating FGD call usage ends when the entry switch receives or sends a release message, whichever occurs first.

ACCESS SERVICES

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Section 6 -- SWITCHED ACCESS SERVICE (Cont'd.)

6.6 Rate Regulations (cont'd.)

6.6.4 Network Blocking Charge

The Customer will be notified by the Company to increase its capacity (busy hour minutes of capacity or quantities of trunks) when excessive trunk group blocking occurs on groups carrying Feature Group D traffic. Excessive trunk group blocking occurs when the blocking thresholds as described in below are exceeded. If the order for additional capacity has not been received by the Company within 15 days of the notification, the Company will bill the Customer, at the rate set forth in Section 9 following:

BLOCKING THRESHOLDS

<u>Trunks in Service</u>	<u>1%</u>	<u>1/2%</u>
1-2	7.0%	4.5%
3-4	5.0%	3.5%
5-6	4.0%	2.5%
7 or greater	3.0%	2.0%

The 1% blocking threshold is for transmission paths carrying traffic direct (without an alternate route) between an end office and a Customer's premises. The 1/2% blocking threshold is for transmission paths carrying first routed traffic between an end office and a Customer's premises via an access tandem.

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ACCESS SERVICES

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Section 7 -- ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND  
MISCELLANEOUS SERVICES7.1 General

In this section, normally scheduled working hours are an employee's scheduled work period in any given calendar day (e.g., 7:00 a.m. to 4:00 p.m.) for the application of rates based on working hours.

7.2 Additional Engineering

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

- A Customer requests additional technical information after the Company has already proved the technical information included on the Design Layout Report as set forth in 6.1.3 preceding.

The Company will notify the Customer that additional engineering charges, as set forth in Section 9 following, will apply before any additional engineering is undertaken.

7.3 Additional Labor

Additional labor is that labor requested by the Customer on a given service and agreed to by the Company as set forth in 7.3.1 through 7.3.5 following. The Company will notify the Customer that additional labor charges as set forth in Section 9 following will apply before any additional labor is undertaken.

7.3.1 Overtime Installation

Overtime installation is that Company installation effort outside of normally scheduled working hours.

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ACCESS SERVICES

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Section 7 -- ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND  
MISCELLANEOUS SERVICES7.3 Additional Labor (cont'd.)7.3.2 Overtime Repair

Overtime repair is that company maintenance effort performed outside of normally scheduled working hours.

7.3.3 Stand By

Stand by includes all time in excess of one-half (1/2) hour during which Company personnel stand by to make cooperative tests with a Customer to verify facility repair on a given service.

7.3.4 Testing and Maintenance with Other Companies

Additional testing, maintenance or repair of facilities which connect to facilities of other telephone companies, which is an addition to normal effort required to test, maintain or repair facilities provided solely by the Company.

7.3.5 Other Labor

Other labor is that additional labor not included in 7.3.1 through 7.3.4 preceding and labor incurred to accommodate a specific Customer request that involves only labor which is not covered by any other section of this tariff.

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ACCESS SERVICES

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Section 7 -- ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND  
MISCELLANEOUS SERVICES7.4 Presubscription

7.4.1 Presubscription is an arrangement whereby an end user may select and designate to the Company an interexchange carrier (IC) to access, without an access code, for interLATA, interstate calls. This IC is referred to as the end user's Primary Interexchange Carrier (PIC). The end user may select the Company as its PIC, or may select any other IC that orders originating Feature Group D Switched Access Service at the end office that serves the end user. After the end user's initial selection of a predesignated IC, for any additional change in selection, a non-recurring charge, as set forth in Section 9, applies.

7.4.2 New end users who are served by end offices equipped with Feature Group D, will be asked to presubscribe to an IC at the time they place an order with the company for Exchange Access Service. They may select either of the following options. There will be no additional charge for this initial selection.

- Designate an IC as a PIC and dial 101XXXX to reach other ICs.
- Designate that they do not want to be presubscribed to any IC and choose to dial 101XXXX for all calls to all ICs.

Subsequent to the installation of Exchange Access Service, and after the end user's initial selection of a PIC, for any additional change in selection, a nonrecurring charge as set forth in Section 9, applies. This charge is billed to the end user which is the subscriber to the Exchange Access Service and applies only for selection of an IC which provides only interLATA, interstate calling.

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ACCESS SERVICES

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Section 7 -- ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND  
MISCELLANEOUS SERVICES7.5 Unauthorized PIC Change

If an IC requests a Primary Interexchange Carrier (PIC) change on behalf of a billed party (e.g., an end user), and the billed party subsequently denied requesting the change, and the IC is unable to substantiate the change with a letter of authorization signed by the billed party, then:

- The billed party will be reassigned to their previously selected IC. No charge will apply to the billed party for this reassignment.
- The Unauthorized Presubscription Change Charge as set forth in Section 9 will apply to the IC that requested the unauthorized PIC change. This charge is applied in addition to the PIC switchback charge set forth in Section 9 following.

7.6 Billing Name and Address Service

Billing Name and Address (BNA) Service is the provision of the complete billing name, street address, city or town, state and zip code for a telephone number assigned by the Company.

BNA Service is provided for the sole purpose of permitting the customer to bill its telephone communications service to its end users and may not be resold or used for any other purpose, including marketing activity such as market surveys or direct marketing by mail or by telephone.

The customer may not use BNA information to bill for merchandise, gift certificates, catalogs or other services or products.

BNA Service is provided on a manual basis only. Information will be provided by voice telecommunications, fax or mail, as appropriate.

BNA information is furnished for 101XXXX dialing, collect, bill to third party, 700 and 900 messages and messages charged to a calling card that is resident in the Company's data base.

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ACCESS SERVICES

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Section 7 -- ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND  
MISCELLANEOUS SERVICES7.6 Billing Name and Address Service (cont'd.)(A) Undertaking of the Company

- (1) A request for information on telephone numbers should be mailed or faxed to the Company. The Company will respond within ten (10) business days of receipt of a customer's request for end user BNA information, unless other arrangements are mutually agreed to between the Company and the Customer.
- (2) The Company will provide the most current BNA information resident in its data base. Due to normal end user account activity, there may be instances where the BNA information provided is not the BNA that was applicable at the time the message was originated.
- (3) The Company shall use reasonable efforts to provide accurate and complete BNA information. The Company makes no warranties, expressed or implied, as to the accuracy or completeness of this BNA information.
- (4) If the billing name and address information for a specific calling number is confidential due to legal, national security, end user or regulatory imposed requirements, the Company will provide an indicator on the confidential records.

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ACCESS SERVICES

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Section 7 -- ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND  
MISCELLANEOUS SERVICES7.6 Billing Name and Address Service (cont'd.)(B) Obligations of the Customer

- (1) With each order for BNA Service, the customer shall identify the authorized individual and address to receive the BNA information.
- (2) The Customer must handle all billing name and address information designated as confidential by the Company in accordance with the Company's procedures concerning confidential information. The Company will provide to the Customer a statement of its procedures concerning confidential information upon request.
- (3) The customer shall institute adequate internal procedures to insure that BNA information, including that related to "confidential" non-published and non-listed telephone numbers, is used only for the purpose set forth in this tariff and that BNA information is available only to those customer personnel or agents with a need to know the information.
- (4) The customer shall not publicize or represent to others that the Company jointly participates with the customer in the development of the customer's end user records, accounts, data bases or market data, records, files and data bases or other systems it assembles through the use of BNA service.
- (5) When the customer orders BNA Service for both interstate and intrastate messages, the Jurisdictional Reporting Requirements listed in Section 3.3.3 will be applicable.

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ACCESS SERVICES

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Section 7 -- ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND  
MISCELLANEOUS SERVICES7.6 Billing Name and Address Service (cont'd.)(C) Rate Regulations

- (1) This section contains the specific regulations governing the rates and charges that apply for BNA Service. Specific rates and charges are set forth in Section 9.
- (2) Service Establishment Charges apply for the initial establishment of BNA Service on a manual basis.
- (3) A charge applies for each request for BNA information for a telephone number on a manual basis. The Company will keep a count of the requests processed, and will bill the Customer in accordance with these counts whether or not the Company was able to provide BNA information for all requests.
- (4) When a customer cancels an order for BNA Service after the order date, the Service Establishment Charge applies.

ACCESS SERVICES

Section 8 -- END USER ACCESS SERVICE

8.1 End User Access Service

The Company will provide End User Access Service to end users who obtain local exchange service from the Company under its general and/or local exchange tariffs. End User Access Service consists of End User Common Line (EUCL) charges and Access Recovery Charges (ARC).

(N)  
(N)

8.1.1 General Description

End User Access provides for the use of an End User Common Line (EUCL). End User Access Service consists of End End User Common Line (EUCL) Charges, Access Recovery Charges, End User Port charges (EUPC), and Presubscribed Interexchange Carrier Charges (PICC). End users who obtain End User Access Service are subject to the EUCL and EUPC regulations. Interexchange Carriers who furnish interstate telecommunications service to End Users are subject to the PICC regulations. End Users that do not select a Presubscribed Interexchange Carrier, as defined in 8.1.5 following, are subject to the PICC regulations, with the exception of pay telephone service providers, whose pay telephone lines are excluded from PICC regulations.

(N)  
|  
(N)

8.1.2 Limitations

Telephone numbers, detail billing, directory listings and intercept arrangements are not included with End User Access.

8.1.3 Undertaking of the Company

The Telephone Company will provide use of an End User Access as follows at Subscriber Line Charge (SLC), Access Recovery Charge (ARC), End User Port Charges (EUPC), and Presubscribed Internexchange Carrier Charges (PICC) at rates and charges as set forth in Section 9 as follows:

(N)  
(N)  
(N)

- Use of an End User Common Line (EUCL) for interstate Access Services provided under this tariff. Such use will be provided when the end user obtains local exchange service.

- Access Recovery Charge (ARC)

The ARC is assessed when an end user or reseller obtains local exchange service from the Telephone Company, and is a per month rate that is assessed to the end user or reseller of the associated local exchange service.

(N)  
|  
(N)

- The Company will be responsible for contacts and arrangements with customer for the billing of End User Access charges.

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ACCESS SERVICES

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Section 8 -- END USER ACCESS SERVICE

8.1 End User Access Service (cont'd.)

8.1.4 Payment Arrangements and Credit Allowances

- (A) Minimum Period. The minimum period for which EUCL End User Access is provided to an end user and for which charges are applicable is the same as that in the general and/or local exchange tariffs for the associated local exchange service.
- (B) Cancellation of Orders. End User Access is canceled when the order for the associated local telephone exchange service is canceled. No cancellation charges apply.
- (C) Changes to Orders. When changes are made to orders for the exchange service associated with End User Access, any necessary changes will be made for End User Access. No charges will apply.
- (D) Allowances for Interruptions. When there is an interruption to a common line, requested End User Access credit allowances for interruptions will be provided as set forth for credit allowance for interruptions in Section 3.8.1 preceding. (T)
- (E) Temporary Suspension of Service. When an end user temporarily suspends its local exchange service which is associated with a common line, one-half of the EUCL and ARC per month charge will be temporarily suspended for the time period the local exchange service is suspended. (N)

TRANSMITTAL NO. 5

ACCESS SERVICES

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Section 8 -- END USER ACCESS SERVICE

8.1 End User Access Service (cont'd.)

8.1.5 Rate Regulations

(A) End User Access Charge

- (1) EUCL and ARC per month charges will be billed to the end user of the associated Local Exchange Service.
- (2) The EUCL and ARC charges for each multiparty subscriber shall be assessed as if the subscriber had subscribed to single-party service.
- (3) Business Services

(a) Single Line Service

When an end user is provided a single local business exchange service in a state, multiparty and Centrex services included, and when the local business exchange service is provided under the general or local exchange or Centrex service tariffs, the EUCL and ARC Single Line Business-Individual line or trunk rate service in Section 9 following, applies to each such business individual line or trunk. In the case of multiparty service each party is deemed to be a user of an EUCL and ARC.

(T)  
(T)

(b) Multiline Service

When an end user is provided more than one local business exchange service in a state by the Company, multiparty and Centrex services included, and when the local exchange service is provided under the general and/or local exchange tariffs, the EUCL and ARC Multiline Business-Individual line or trunk rate as set forth in Section 9 following applies to each such Multiline Business individual line or trunk. In the case of Multiparty service each party is deemed to be a user of an EUCL and ARC.

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ACCESS SERVICES

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Section 8 -- END USER ACCESS SERVICE

8.1 End User Access Service (cont'd.)

8.1.5 Rate Regulations (cont'd.)

(A) End User Access Charge (cont'd.)

(T)

(3) Business Services (cont'd.)

(c) Centrex Central Office Services

Centrex service provided to a college or university or school may service both the college, university or school offices and the student or faculty dormitory (residential) quarters. When provided to residential quarters, the residential portion of the service is commonly known as dormitory service. Residential charges will apply to lines to the student or faculty dormitory (residential) quarters as set forth in Section 9 following. Business charges for lines to the university, college, or school offices will apply as set forth in Section 9.1.3 following. Charges shall be based on the number of residence and business lines reported to the Company by the end user.

(4) Residence Service

(a) Single Line and Multiline Service

When an end user is provided local residence exchange service(s) in a state, multiparty and Centrex service is included, and when the local residence exchange or Centrex service is provided under the general and/or local exchange tariffs, the EUCL and ARC Residence-Individual line or trunk rate as set forth in Section 9 following, applies to each such local residence exchange trunk. In the case of multiparty service each party is deemed to be a user of an EUCL and ARC.

(N)

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ACCESS SERVICES

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Section 8 -- END USER ACCESS SERVICE8.1 End User Access Service (cont'd.)8.1.5 Rate Regulations (cont'd.)(B) Federal Universal Service Charge (FUSC)

- (1) The Federal Universal Charge (FUSC) recovers the Company's obligation to various universal service funds. The Company will apply a surcharge factor each month to the billed charges for interstate access services provided to end users from this Tariff.

The FUSC will not apply to any billed charges for an end user when the interstate access service provided to the end user qualifies under the federal universal service guidelines for Lifeline Assistance.

The FUSC will not apply to interstate access services purchased by customers that resell these services to end users as part of an interstate telecommunications service and are required to contribute to various federal universal service funds. In case of a dispute regarding whether the customer is reselling services and contributing to the various universal service funds, the Company may request a signed certification to that effect from the customer.

(2) Rate Application

The FUSC will be determined by multiplying the FUSC factor shown in Section 9, following, by the end user's total interstate access services charges.

ACCESS SERVICES

Section 9 -- RATES

9.1 Rates & Charges

9.1.1 Service Implementation

Pennsylvania Nonrecurring Charges

(A)	Service Order Charge per Service Order	\$81.00
(B)	Trunk Activation per 24 Trunks Activated, on a per order basis	\$310.00

Illinois Nonrecurring Charges

(A)	Service Order Charge per Service Order	\$0.00
(B)	Trunk Activation per 24 Trunks Activated, on a per order basis	\$51.38

IA, MN, ND, WI Nonrecurring Charges

-	OCN 3769	\$76.00
-	OCN 8581 & 4587	\$136.00

**\*RATES REFERRING TO OCNs THROUGHOUT THIS TARIFF REFER TO THE FOLLOWING:**

- OCN 3769 formerly known as IdeaOne Telecom
- OCN 4587 formerly known as Eventis Telecom
- OCN 8581 formerly known as Crystal Communications

(D)  
 |  
 (D)

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ACCESS SERVICES

Section 9 -- RATES

9.1 Rates & Charges (cont'd.)

9.1.2 Change Charges

<u>Pennsylvania</u>	<u>Nonrecurring Charges</u>
(A) Service Date	\$34.00
(B) Design	\$34.00
(C) Miscellaneous	\$34.00
<u>Illinois</u>	<u>Nonrecurring Charges</u>
(A) Service Date	\$0.00
(B) Design	\$0.00
(C) Miscellaneous	\$0.00

(D)

(D)

<u>IA, MN, ND, WI</u>	<u>Nonrecurring Charges</u>
- OCN 3769	\$62.52
- OCN 8581 & 4587	
(A) Service Date	\$53.00
(B) Design	\$53.00
(C) Miscellaneous, per	\$53.00
(D) Expedited, per	\$53.00
(E) Cancellation	\$53.00

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ACCESS SERVICES

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Section 9 -- RATES

9.1 Rates & Charges (cont'd.)

9.1.3 Common Line Access Service

(A) Carrier Common Line Access Service

	<u>Originating Per Access Minute</u>	<u>Terminating Per Access Minute</u>
Pennsylvania		
- Zone 1	\$0.000000	\$0.000000
- Zone 2	\$0.000000	\$0.000000
- Zone 3	\$0.000000	\$0.000000
Illinois	\$0.000000	\$0.000000

ACCESS SERVICES

Section 9 -- RATES

9.1 Rates & Charges (Cont'd.)

9.1.3 Common Line Access Service (Cont'd.)

(B) End User Common Line Access

Illinois	<u>Monthly Charges</u>
- Residence - Single Line	\$6.50
- Business - Single Line	\$6.50
- Business - Multiline	\$9.20
California	
- Residence - Single Line	\$4.60
- Business - Single Line	\$4.60
- Business - Multiline	\$4.60
- Business - ISDN PRI, each service	\$0.00

(D)

(D)

IA, MN, ND, WI	<u>OCN 3769</u>	<u>OCN 8581</u>	<u>OCN4587</u>
- Residence - Primary Single*	\$6.50	\$6.50	\$6.50
- Residence - NonPrimary*	\$6.50	\$6.50	\$6.50
- Business - Single Line	\$6.50	\$6.50	\$6.50
- Business - Multiline - per	\$9.20**	\$9.20**	\$9.20**
- Business - ISDN-BRI			
o Per state, per facility	\$6.50	\$6.50	\$6.50
- Business - Centrex CO - per	\$9.20	\$9.20	\$9.20
- Business - DS1			
o -including ISDN PRI	\$46.00	\$46.00	\$46.00

\* Includes Centrex Dormitory (Residential Service)

\*\* For ISDN-PRI multiply the EUCL rate times five for each T-1 facility.

ACCESS SERVICES  
Section 9 -- RATES

9.1 Rates & Charges (Cont'd.)

9.1.3 Common Line Access Service (Cont'd.)

(B) End User Common Line Access

Pennsylvania Monthly Charge

Zone 1

Residence - Individual line or trunk, each		
- Primary	\$ 0.00	(R)
- Non Primary	\$ 0.00	
Business - Individual line or trunk, each		
- Single Line	\$ 0.00	
- Multi-Line, including Centrex CO and CO-Like	\$ 0.00	
- ISDN PRI	\$ 0.00	
- ISDN BRI	\$ 0.00	

Zone 2

Residence - Individual line or trunk, each	
- Primary	\$ 0.00
- Non Primary	\$ 0.00
Business - Individual line or trunk, each	
- Single Line	\$ 0.00
- Multi-Line, including Centrex CO and CO-Like	\$ 0.00
- ISDN PRI	\$ 0.00
- ISDN BRI	\$ 0.00

Zone 3

Residence - Individual line or trunk, each	
- Primary	\$0.00
- Non Primary	\$0.00
Business - Individual line or trunk, each	
- Single Line	\$ 0.00
- Multi-Line	\$ 0.00
- Centrex CO and CO-Like	\$ 0.00
- ISDN PRI	\$ 0.00
- ISDN BRI	\$ 0.00

ACCESS SERVICES

Section 9 -- RATES

9.1 Rates & Charges (Cont'd.)

9.1.3 Common Line Access Service (Cont'd.)

(B)	<u>End User Common Line Access</u>	<u>Monthly Rate</u>
-----	------------------------------------	---------------------

(1) Access Recovery Charge

PENNSYLVANIA

a) Primary and Non-Primary Residence Subscriber  
- Individual Line or Trunk, each

Zone 1,2,3	\$ 1.62
------------	---------

b) Single Line Business Subscriber  
- Individual Line or Trunk, each

Zone 1,2,3	\$ 1.62
------------	---------

c) Multiline Business Subscriber  
- Individual Line or Trunk, each

Zone 1,2,3	\$ 3.00
------------	---------

d) Business Centrex  
- Individual Line, each

\$ 0.75
---------

e) PRI - ISDN  
- Digital Transport Facility provided  
as ISDN Primary Service, each service

Zone 1,2,3	\$ 15.00
------------	----------

f) BRI-ISDN  
- ISDN Basic Service, each

\$ 1.62
---------

ILLINOIS

n/a

(D)

(D)

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ACCESS SERVICES  
Section 9 -- RATES

9.1 Rates & Charges (Cont'd.)

9.1.3 Common Line Access Service (Cont'd.)

(C) Presubscribed Interexchange Carrier Charges (PICC)

Illinois

- (1) Manual PIC Change Charges, per line or trunk
  - (a) When only the InterLATA PIC is changed \$0.00 (R)
  - (b) When both the InterLATA and intraLATA PICS are changed simultaneously \$0.00 (R)
- (2) Electronic PIC Change Charge, per line or trunk\* Not Available

Pennsylvania

Zone 1

- Residence - Individual line or trunk, each
  - Primary \$ 0.00
  - Non Primary \$ 0.00
- Business - Individual line or trunk, each
  - Single Line \$ 0.00
  - Multi-Line \$ 0.00
  - ISDN PRI \$ 0.00
  - ISDN BRI \$ 0.00

Zone 2

- Residence - Individual line or trunk, each
  - Primary \$ 0.00
  - Non Primary \$ 0.00
- Business - Individual line or trunk, each
  - Single Line \$ 0.00
  - Multi-Line \$ 0.00
  - ISDN PRI \$ 0.00
  - ISDN BRI \$ 0.00

Zone 3

- Residence - Individual line or trunk, each
  - Primary \$0.00
  - Non Primary \$0.00
- Business - Individual line or trunk, each
  - Single Line \$0.00
  - Multi-Line \$0.00
  - ISDN PRI \$0.00
  - ISDN BRI \$0.00

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ACCESS SERVICES  
Section 9 -- RATES

9.1 Rates & Charges (Cont'd.)

9.1.3 Common Line Access Service (Cont'd.)

(C) Presubscribed Interexchange Carrier Charges (PICC) (Cont'd.)  
Pennsylvania (Cont'd.)

Zone 1

Business Centrex	<u>Rate per Line,</u> <u>Per Month</u>
- Individual Business Centrex Service, each	
- 1 Line	\$0.00
- 2 Lines	\$0.00
- 3 Lines	\$0.00
- 4 Lines	\$0.00
- 5 Lines	\$0.00
- 6 Lines	\$0.00
- 7 Lines	\$0.00
- 8 Lines	\$0.00
- 9 Lines and over	\$0.00

Zone 2

- Individual Business Centrex Service, each	
- 1 Line	\$0.00
- 2 Lines	\$0.00
- 3 Lines	\$0.00
- 4 Lines	\$0.00
- 5 Lines	\$0.00
- 6 Lines	\$0.00
- 7 Lines	\$0.00
- 8 Lines	\$0.00
- 9 Lines and over	\$0.00

Zone 3

- Individual Business Centrex Service, each	
- 1 Line	\$0.00
- 2 Lines	\$0.00
- 3 Lines	\$0.00
- 4 Lines	\$0.00
- 5 Lines	\$0.00
- 6 Lines	\$0.00
- 7 Lines	\$0.00
- 8 Lines	\$0.00
- 9 Lines and over	\$0.00

ACCESS SERVICES

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Section 9 -- RATES

9.1 Rates & Charges (Cont'd.)

9.1.3 Common Line Access Service (Cont'd.)

(D) Federal Universal Service Charge (FUSC)

<u>FUSC Factor</u>	<u>Percentage</u>
Pennsylvania	(x)
Illinois	(x)
California	(x)
IA, MN, ND, WI	(x)
Texas	(x)

(D)

(x) The surcharge factor for this rate element of the Company's provision of Interstate Common Line Access Service is that similarly labeled rate element surcharge factor found in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 5, Section 17.1.3(A), "FUSC Surcharge Factor".

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ACCESS SERVICES

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Section 9 -- RATES

9.1 Rates & Charges (cont'd.)

9.1.4 Switched Access Service

(A) Local Transport

(1) Entrance Facility-Standard Channel Termination

(a) DS-1

	<u>Monthly Charges</u>	<u>Nonrecurring Charges per Entrance Facility</u>
Pennsylvania	\$176.82	\$181.00
Illinois	\$ 55.71	\$251.00

(D)

IA, MN, ND, WI	ICB	ICB
----------------	-----	-----

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ACCESS SERVICES

Section 9 -- RATES

9.1 Rates & Charges (cont'd.)

9.1.4 Switched Access Service (cont'd.)

(A) Local Transport (cont'd.)

(1) Entrance Facility-Standard Channel Termination (cont'd.)

(b) DS-3

(A) Electrical

	<u>Monthly Charges</u>	<u>Nonrecurring Charges per Entrance Facility</u>
Pennsylvania	\$2250.00	\$499.00
Illinois	\$527.11	\$251.00

(B) Optical

	<u>Monthly Charges</u>	<u>Nonrecurring Charges per Entrance Facility</u>
Pennsylvania	\$2250.00	\$499.00
Illinois	N/A	N/A

(D)

(c) Voice grade,  
 two wire, per point of termination

(D)

IA, MN, ND, WI                      ICB                      ICB

(d) Voice grade,  
 Four wire, per point of termination

(D)

IA, MN, ND, WI                      ICB                      ICB

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ACCESS SERVICES

Section 9 -- RATES

9.1 Rates & Charges (cont'd.)

9.1.4 Switched Access Service (cont'd.)

(A) Local Transport (cont'd.)

(2) Direct Trunked Transport-Standard Channel Termination

DS1

	<u>Monthly Charges</u>	<u>Installation Charges</u>
Pennsylvania	\$176.82	See 9.1.1(B)
Illinois	\$61.93 Monthly Fixed Per Term	See 9.1.1(B) Monthly Per Mile    NRC

(D)  
 |  
 (D)

IA, MN, ND, WI                      ICB                      ICB

(3) Multiplexing

DS3 to DS1

	<u>Monthly Charges</u>	<u>Nonrecurring Charges</u>
Pennsylvania	\$725.00	\$600.00
Illinois	\$54.40	\$0.00

(D)

IA, MN, ND, WI                      ICB                      ICB

DS1 to voice grade

(D)

IA, MN, ND, WI                      ICB                      ICB

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Section 9 -- RATES

9.1 Rates & Charges (cont'd.)

9.1.4 Switched Access Service (cont'd.)

(A) Local Transport (cont'd.)

(4) Network Blocking Charge \*

	<u>Per Blocked Call</u>	
Pennsylvania	\$0.0155	
Illinois	\$0.008	
IA, MN, ND, WI, TX	Note 1	(C)

\*Applies to FGD only

**Note 1:** See 9.4 for Switched Access Rate Band Assignments and Rates for IA, MN, ND, WI and TX per OCN. (C)

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Section 9 -- RATES

9.1 Rates & Charges (cont'd.)

9.1.4 Switched Access Service (cont'd.)

(A) Local Transport (cont'd.)

(5) Nonchargeable Optional Features

(a) Supervisory Signaling

DX Supervisory Signaling Arrangement  
- Per Transmission Path

SF Supervisory Signaling Arrangement  
- Per Transmission Path

E&M Type I Supervisory Signaling Arrangement  
- Per Transmission Path

E&M Type II Supervisory Signaling Arrangement  
- Per Transmission Path

E&M Type III Supervisory Signaling Arrangement  
- Per Transmission Path

(b) Signaling System 7  
- Per signaling connection arranged

(c) Customer specification of the receive  
transmission level at the first point of  
switching within a range acceptable to the  
Company  
- Per Transmission Path

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ACCESS SERVICES

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Section 9 -- RATES

9.1 Rates & Charges (cont'd.)

9.1.4 Switched Access Service (cont'd.)

(A) Local Transport (cont'd.)

(6) Service Rearrangement

<u>Change in Point Code</u>	<u>Non-Recurring</u>
Pennsylvania	\$125.00
Illinois	
- Voice Grade	\$125.00
- High Capacity DS1 or DS3	\$125.00
- OC3	\$125.00

ACCESS SERVICES

Section 9 -- RATES

9.1 Rates & Charges (Cont'd.)

9.1.4 Switched Access Service (Cont'd.)

(A) Local Transport (Cont'd.)

(7) Tandem Switched Transport

	<u>Originating Non-Toll Free</u>	<u>Originating Toll Free Only</u>	<u>Terminating 3rd Party</u>	<u>Terminating End Office</u>	
(a) Tandem Switched Facility Per Access MOU per Mile					
<u>Pennsylvania</u>	\$ .000000	\$ N/A	\$ .000000	\$ .000000	
<u>Illinois</u>	\$ .000101	\$ N/A	\$ .000101	\$ .000000	(D)
<u>California</u>	\$ .000000	\$ .000000	\$ .000025	\$ .000000	
(b) Tandem Switched Termination Per Access MOU per Termination					
<u>Pennsylvania</u>	\$ .000000	\$ N/A	\$ .000000	\$ .000000	
<u>Illinois</u>	\$ .000890	\$ N/A	\$ .000890	\$ .000000	(D)
<u>California</u>	\$ .000000	\$ .000000	\$ .000130	\$ .000000	
(c) Tandem Switching Charge, per Access Minute per Tandem					
<u>Pennsylvania</u>	\$ N/A	\$ N/A	\$ N/A	\$ N/A	
<u>Illinois</u>	\$ .005182	\$ N/A	\$ .005182	\$ .000000	(D)
<u>California</u>	\$ .000892	\$ .000892	\$ .001042	\$ .000000	
(d) Tandem Switched Common Multiplexing, per Minute Charge					
<u>Pennsylvania</u>	\$ N/A	\$ N/A	\$ N/A	\$ N/A	
<u>Illinois</u>	\$ .000044	\$ N/A	\$ .000044	\$ .000000	(D)
<u>California</u>	\$ .000000	\$ .000000	\$ .000098	\$ .000000	
<u>IA, MN, ND, WI, TX</u>		Note 1			
(e) Joint Tandem Switched Transport* Per Originating Toll Free Only Access Minute Per Tandem					
<u>Pennsylvania and Illinois</u>		\$ .00100			

**Note 1:** See 9.4 for Switched Access Rate Band Assignments/Rates for IA, MN, ND, WI and TX per OCN.

\*The Joint Tandem Switched Transport rate element applies per tandem to originating toll free minutes only in lieu of the Tandem Switched Facility, Tandem Switched Termination and Tandem Switching rate elements as of July 1, 2021.

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Section 9 -- RATES

9.1 Rates & Charges (Cont'd.)

9.1.4 Switched Access Service (Cont'd.)

(A) Local Transport (Cont'd.)

(D)

(D)

9.1.5 End Office

(A) Local Switching

	<u>Rate Per</u> <u>Access Minute</u>
Pennsylvania	
Originating Non-Toll Free	\$0.005566*
Originating Toll Free	\$0.001203
Terminating	\$0.0000
Illinois	
Originating Non-Toll Free	\$0.009205
Originating Toll Free	\$0.004603
Terminating	\$0.000000
California	
Originating Non-Toll Free	\$0.001310
Originating Toll Free	\$0.001310
Terminating	\$0.000000

(D)

(D)

IA, MN, ND, WI, TX

Note 1

\* A Weighted Average Blended Access Rate has been calculated, in compliance with the FCC's Eighth Report and Order and Fifth Order on Reconsideration (FCC 04-110), In the Matter of Access Charge, Reform of Access Charges Imposed by Competitive Local Exchange Carriers, CC Docket No. 96-262, Paragraph 48.

**Note 1:** See 9.4 for Switched Access Rate Band Assignments/Rates for IA, MN, ND, WI and TX per OCN.

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9.1 Rates & Charges (cont'd.)

9.1.5 End Office (cont'd.)

(B)	DS1 Dedicated Trunk Port	<u>Per Month</u>
	Illinois	
	• Originating	\$3.68
	• Terminating	\$0.00
	IA, MN, ND, WI, TX	Note 1
(C)	Common Trunk Port	<u>Per Minute</u>
	Illinois	
	- Originating Non-Toll Free	\$0.000059
	- Originating Toll Free Only	\$0.000030
	- Terminating	\$0.000000
	California	
	- Originating Non-Toll Free	\$0.002348
	- Originating Toll Free Only	\$0.002348
	- Terminating	\$0.000000
	Pennsylvania	
	- Originating Non-Toll Free	\$0.001688
	- Originating Toll Free Only	\$0.000844
	- Terminating	\$0.000000

IA, MN, ND, WI, TX                      Note 1

(D) Common Switching Nonchargeable Optional Features

- Automatic Number Identification (Available with FGB and FGD)
  - Per Transmission Path Group
- Service Class Routing (Available with FGD)
  - Per Transmission Path Group
- Alternate Traffic Routing Multiple Customer Premises Alternate Routing (Available with FGB and FGD)
  - Per Transmission Path or Transmission Path Group
- End Office Alternate Routing When Ordered in Trunks (Available with FGB and FGD)
  - Per Transmission Path or Transmission Path Group
- International Carrier Option (Available with FGD)
  - Per End Office and Access Tandem
- Up to 7 Digit Outpulsing of Access Digits to Customer (Available with FGB)
  - Per Transmission Path Group

(D)  
 |  
 (D)

**Note 1:** See 9.4 for Switched Access Rate Band Assignments/Rates for IA, MN, ND, WI and TX per OCN.

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Section 9 -- RATES

9.1 Rates & Charges (cont'd.)

9.1.5 End Office (cont'd.)

(E) Chargeable Optional Features

(1)	Flexible Automatic Number Identification (Available with FGD) - Per CIC per End Office	<u>Nonrecurring Charge</u>	
	Pennsylvania	\$0.00	
	Illinois	\$0.00	
		<u>Monthly</u>	<u>NRC</u>
(2)	Carrier Identification Parameter		
	Pennsylvania	n/a	n/a
	Illinois		
	- Per Trunk Group, per End Office	\$65.00	\$28.00

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Section 9 -- RATES

9.1 Rates & Charges (cont'd.)

9.1.5 End Office (cont'd.)

(F) Transport Termination Optional Features

Trunk Side Terminations:

Standard Trunk for Originating, Terminating, or  
Two-Way Operation  
(Available with FGB and FGD)

Operator Trunk, Full Feature Arrangement  
(Available with FGD)

Operator Trunk, Assist  
Feature Arrangement  
(Available with FGD)

Rotary Dial Station  
Signaling Trunk  
(Available with FGB)

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Section 9 -- RATES

9.1 Rates & Charges (cont'd.)

9.1.5 End Office (cont'd.)

(G) SS7 Signaling Optional Features

Calling Party Number  
(Available with FGD)

Charge Number  
(Available with FGD)

Carrier Selection Parameter  
(Available with FGD)

Access Transport Parameter  
(Available with FGD)

(H) Information Surcharge

IA, MN, ND, WI, TX

Note 1

(C)

**Note 1:** See 9.4 for Switched Access Rate Band Assignments/Rates for IA, MN, ND, WI and TX per OCN. (C)

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9.1 Rates & Charges (Cont'd.)

9.1.6 Toll Free 800 Series Database Access Service

(A) Identification and Delivery Charge

Pennsylvania	<u>Per Query</u>		
	<u>Eff. 2021</u>	<u>Eff. 2022</u>	<u>Eff. 2023</u>
Zone 1	\$0.003089	\$0.0016445	\$0.0002000
Zone 2	\$0.004248	\$0.0022240	\$0.0002000
Zone 3	\$0.004248	\$0.0022240	\$0.0002000
Illinois - Basic		N/A	
California - Basic		N/A	
IA, MN, ND, WI, TX		Note 1	

(B) Non-Zone Rate Option \*

Toll Free 800 Series Database Access Service

	<u>Per Query</u>		
	<u>Eff. 2021</u>	<u>Eff. 2022</u>	<u>Eff. 2023</u>
Illinois			
-Basic	\$0.004248	\$0.0022240	\$0.000200
California			
-Basic	\$0.004248	\$0.0022240	\$0.000200

(D)

IA, MN, ND, WI, TX Note 1

**Note 1:** See 9.4 for Switched Access Rate Band Assignments/Rates for IA, MN, ND, WI and TX per OCN.

\* Terms and conditions for the Non-Zone Rate Option can be found in 3.7.3 of this Tariff.

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9.2 Miscellaneous Services

9.2.1 Presubscription

	<u>Non-Recurring Charge</u>	
(A) Changing PIC to which an End User is Presubscribed:		
Pennsylvania	\$5.00	
Illinois	\$5.50	
California		
- IntraLATA	\$5.50	
- InterLATA	\$5.50	
- InterLATA IntraLATA	\$8.25	(D)
		(D)
IA, MN, ND, WI		
- OCN 3769	\$5.00	
- OCN 8581 & 4587		
- Manually, per occurrence	\$5.50	
- Manually, per occurrence Simultaneously w/LPIC	\$2.75	
- Electronically, per occ	\$1.25	
- Electronically, per occ Simultaneously w/LPIC	\$0.63	

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Section 9 -- RATES

9.2 Miscellaneous Services (Continued)

9.2.1 Presubscription (Cont'd)

(B) Unauthorized PIC Change	Non-Recurring <u>Charge</u>	
(1) The charge for an unauthorized Business or Residence service change in Presubscription		
Pennsylvania	\$35.65	
Illinois	\$11.00	
California	*	(D)
IA, MN, ND, WI	\$35.65	
(2) The charge for an unauthorized Public or Semi-public Pay Telephone change in Presubscription		
Pennsylvania	\$57.57	
Illinois	\$11.00	
California	n/a	(D)
IA, MN, ND, WI		
-OCN 3769	n/a	
-OCN 8581 & 4587	\$57.57	

\* Charges and conditions unauthorized carrier changes are described in Consolidated Communicaitons of California Company California PUC No. 1, Section 13.2.3

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9.2 Miscellaneous Services (cont'd.)

	<u>Non-Recurring Charge</u>	
9.2.2 <u>Billing Name and Address Service</u>		
(1) Initial Account Set Up		
- Pennsylvania	n/a	
- Illinois	\$200.00	
- IA, MN, ND, WI	n/a	<b>(D)</b>
(2) Per BNA Order		
- Pennsylvania	\$50.94	
- Illinois	\$65.00	
- IA, MN, ND, WI		<b>(D)</b>
- OCN 3769	\$51.00	
- OCN 8581 & 4587	\$50.94	
(3) Per BNA Record		
- Pennsylvania	\$0.33	
- Illinois	\$0.10	<b>(D)</b>
- IA, MN, ND, WI	\$0.33	
(4) Optional Magnetic Tape Charge		
- PerMagnetic Tape		
- Pennsylvania	\$91.44	
- Illinois	\$138.37	
- per record	\$0.01	<b>(D)</b>
- IA, MN, ND, WI	n/a	

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Section 9 -- RATES

9.2 Miscellaneous Services (cont'd.)

Non-Recurring  
Charge

9.2.2 Billing Name and Address Service (Cont'd)

(5) Optional Format Programming Charge

- Pennsylvania
  - Per each half hour or fraction thereof \$37.20
- Illinois
  - Per Hour \$45.00
- IA, MN, ND, WI
  - OCN 3767 #
  - OCN 8581 & 4587
    - Per each half hour or fraction thereof \$37.20

(D)

9.2.3 Block Services

IA, MN, ND, WI

- 1) International blocking service \$35.00
- 2) 900 Blocking Service
  - a. Blocking
    - 1<sup>st</sup> request \$0.00
    - Each request after \$11.20
  - b. Unblocking
    - 1<sup>st</sup> request \$0.00
    - Each request after \$11.20

# See 9.2.4 "E" Programming services for rate.

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9.2 Miscellaneous Services (cont'd.)

9.2.4 Additional Labor Charges (T)

(A)	<u>Additional Engineering Periods</u>	<u>Each Half Hour or Fraction Thereof</u>
(1)	Basic Time per engineer normally scheduled working hours	
-	Pennsylvania	\$19.91
-	Illinois	\$63.00
-	IA, MN, ND, WI (N) -OCN 3769 (N) -OCN 8581 & 4587 (N)	\$60.00 \$21.25
(2)	Overtime per engineer outside of normally scheduled working hours	
-	Pennsylvania	\$26.86
-	Illinois	\$94.50
-	IA, MN, ND, WI (N) -OCN 3769 (N) -OCN 8581 & 4587 (N)	\$80.00 \$31.75
(3)	Premium Time outside of scheduled work day, per engineer	
-	Pennsylvania	\$39.82
-	Illinois	\$94.50
-	IA, MN, ND, WI (N) -OCN 3769 (N) -OCN 8581 & 4587 (N)	ICB \$42.50

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9.2 Miscellaneous Services (cont'd.)

9.2.4 Additional Labor Charges (cont'd.)

<u>Additional Labor</u> <u>Periods</u>	Each Half Hour or <u>Fraction Thereof</u>	
(B) Installation or Repair		
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician		
- Pennsylvania	\$28.12*	
- Illinois	\$94.50	(N)
- IA, MN, ND, WI		(N)
-OCN 8581 & 4587	\$31.25*	
- Premium Time, outside of scheduled work day, per technician		
- Pennsylvania	\$37.49*	
- Illinois	\$94.50	
- IA, MN, ND, WI	\$41.50*	(N)
(C) Stand by		
- Basic Time, normally scheduled working hours, per technician		
- Pennsylvania	\$18.93	
- Illinois	\$63.00	
- IA, MN, ND, WI		(N)
-OCN 3769	\$20.00	(N)
-OCN 8581 & 4587	\$21.00	(N)

(M)

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

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9.2 Miscellaneous Services (cont'd.)

9.2.4 Additional Labor Charges (cont'd.)

(T)

Additional Labor Periods                      Each Half Hour or Fraction Thereof

(C)	Stand by (Cont'd)		(M)
	- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician		
	- Pennsylvania	\$28.39*	
	- Illinois	\$94.50	(M)
	- IA, MN, ND, WI		(N)
	-OCN 3769	\$30.00	(N)
	-OCN 8581 & 4587	\$31.50*	(N)
	- Premium Time, outside of scheduled work day, per technician		(M)
	- Pennsylvania	\$37.85*	
	- Illinois	\$94.50	(M)
	- IA, MN, ND, WI		(N)
	- OCN 3769	ICB	(N)
	- OCN 8581 & 4587	\$42.00*	(N)

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

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9.2 Miscellaneous Services (cont'd.)

9.2.4 Additional Labor Charges (cont'd.)

Installation  
and Repair  
Technician

Central Office  
Maintenance  
Technician

(D) Testing and Maintenance  
with other Companies,  
or Other Labor

- Basic Time  
per technician  
normally scheduled  
working hours

- Pennsylvania	\$18.75	\$19.67
- Illinois	\$63.00	\$63.00
- IA, MN, ND, WI		
-OCN 3769	\$20.00	\$20.00
-OCN 8581 & 4587	\$20.75	\$21.00

- Overtime  
per technician  
outside of normally  
scheduled working  
hours on a scheduled  
work day,

- Pennsylvania	\$28.12*	\$29.50*
- Illinois	\$94.50	\$94.50
- IA, MN, ND, WI		
-OCN 3769	\$30.00	\$30.00
-OCN 8581 & 4587	\$31.25*	\$31.50*

- Premium Time  
per technician  
outside of scheduled  
work day

- Pennsylvania	\$37.49*	\$39.33*
- Illinois	\$94.50	\$94.50
- IA, MN, ND, WI		
-OCN 3769	ICB	ICB
-OCN 8581 & 4587	\$41.50*	\$42.00*

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

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Section 9 - RATES

9.2 Miscellaneous Services (cont'd.)

9.2.4 Additional Labor Charges (cont'd.)

(E)	Programming - Per programmer, ½ Hour or fraction thereof		(N)
	- IA, MN, ND, WI OCN 3769		
1.	Basic	\$45.00	
2.	Overtime	\$60.00	
3.	Premium	ICB	

Listing of all effective contract agreements

<u>Contract Number</u>	<u>Service Description</u>	<u>Rates</u>	<u>Effective Date</u>
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(RESERVED FOR FUTURE USE)

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9.3 Reserved for Future Use

(C)

(D)

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9.3 Reserved for Future Use (cont'd)

(C)

(D)

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9.3 Reserved for Future Use (cont'd)

(C)

(D)

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9.3 Reserved for Future Use (cont'd)

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9.3 Reserved for Future Use (cont'd)

(C)

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Section 9 -- RATES

9.4 Switched Access Rate Bands

Switched Access Rate Band Assignments for Iowa, Minnesota, North Dakota, Wisconsin, and Texas are defined as follows:

(C)  
(C)

OCN	State	Exchange	Switched Access Rate Band
OCN 4587 f/k/a/Eventis Telecom, Inc.	IA,MN,ND	Qwest Corp. Exch's.	1
	MN	Embarq MN Inc. Exch's #	5a
	MN	Embarq MN Inc. Exch's ##	5b
	MN	Citizens Tele. Co Exch's	2
	MN	Frontier Comm. of MN Inc. Exch's	3
OCN 8581 f/k/a Crystal Communications, Inc. dba Eventis	IA,MN	Qwest Corp. Exch's.	1
	MN	Embarq MN Inc. Exch's #	5a
	MN	Embarq MN Inc. Exch's ##	5b
	MN	Citizens Tele. Co Exch's	2
	MN	Frontier Comm. of MN Inc. Exch's	3
OCN 3769 f/k/a IdeaOne Telecom, Inc., D.B.A. Eventis	MN	Moorhead	1
	ND	Fargo	1
OCN 912E Consolidated Communications Enterprise Services, Inc.	TX	Frontier Southwest Inc., TX Exch's	6
	TX	Southwestern Bell Telephone Co., TX Exch's	7

(N)  
|  
(N)

#Exchanges of Chaska, Maple Grove, Osseo  
## Excluding exchanges of Chaska, Maple Grove, Osseo

ACCESS SERVICES

Section 9 -- RATES

9.5 Switched Access Banded Rates

Band 1

End Office

	Originating Non-Toll Free Rate	Originating Toll Free Only Rate	Terminating Rate
<u>(A) Local Switching</u>			
(1) <u>Premium</u> Per Access Minute	\$ .001974	\$ .000987 <b>(R)</b>	\$ .000000
(2) <u>Shared Trunk Port Charge</u> Per Tandem Switched Access MOU	\$ .000747	\$ .0003735 <b>(R)</b>	\$ .000000
	Monthly Rate		
(3) End Office Dedicated Trunk Port	\$ 3.00	\$ N/A	
<u>(B) Information Surcharge</u>			
(1) <u>Premium</u> Per Access Minute	\$ .000000	\$ .000000	\$ .000000
<u>(C) Toll Free Number Data Base Service</u>			
		Rates Per Call/Query	
Per Query			
- Basic	\$ .0021265 <b>(R)</b>		
- Vertical Feature	\$ .000000		

<u>Local Transport</u>	Originating Non-Toll Free	Terminating 3 <sup>RD</sup> Party	Terminating End Office
<u>(A) Tandem Switched Transport</u>			
(1) Tandem Switched Facility Per Access MOU Per Mile	\$ .00003	\$ .00003	\$ .00000
(2) Tandem Switch Term Per Access MOU Per Term	\$ .000240	\$ .000240	\$ .00000
(3) Tandem Switching Charge Per Access MOU	\$ .002252	\$ .002252	\$ .00000
		Rate Per Call	
(4) Network Blocking Charge	\$ 6.00	<u>Blocked</u> \$ .0108	
(5) Access Tandem Trunk Port Charge Per Trunk Monthly Rate	\$ 6.00		
(6) Joint Tandem Switched Transport* Per Originating Toll Free Only Access Minute Per Tandem	\$ .00100		

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\*The Joint Tandem Switched Transport rate element applies per tandem to originating toll free minutes only in lieu of the Tandem Switched Facility, Tandem Switched Termination and Tandem Switching rate elements as of July 1, 2021.

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9.5 Switched Access Banded Rates (Cont'd)

Band 2

End Office

	Originating Non-Toll Free Rate	Originating Toll Free Only Rate	Terminating Rate
<u>(A) Local Switching</u>			
(1) <u>Premium</u> Per Access Minute	\$ .006410	\$ .003205 <b>(R)</b>	\$ .000000
(2) <u>Shared Trunk Port Charge</u> Per Tandem Switched Access MOU	\$ .001143	\$ .0005715 <b>(R)</b>	\$ .000000
(3) <u>Dedicated Trunk Port Charge</u>			
DS0	\$ 28.91	\$ N/A	\$ 0.00
DS1	\$ 302.84	\$ N/A	\$ 0.00
DS3	\$ 8,479.52	\$ N/A	\$ 0.00
<u>(B) Information Surcharge</u>			
(1) <u>Premium</u> Per Access Minute	\$ .000395	\$ .000198 <b>(R)</b>	\$ .000000
<u>(C) Toll Free Number Data Base Service</u>			
	<u>Rates Per Call/Query</u>		
Per Query - Basic	\$ .002224 <b>(R)</b>		

Local Transport

(A) Direct Trunked Transport

	Originating Non-Toll Free	Terminating End Office	Terminating Third Party
<u>Tandem Switched Transport</u>			
(1) Tandem Switched Facility Per Access MOU per Mile	\$0.000050	\$0.000000	\$0.000050
(2) Tandem Switch Termination Per Access MOU per Term	\$0.000556	\$0.000000	\$0.000556
(3) Tandem Switching	\$n/a	\$n/a	\$0.000000
		<u>Rate Per Call Blocked</u>	
(4) Network Blocking Charge		\$ .0108	
(5) Access Tandem Trunk Port Charge Per Trunk		N/A	
(6) Joint Tandem Switched Transport* Per Originating Toll Free Only Access Minute Per Tandem		\$ .00100	

\* The Joint Tandem Switched Transport rate element applies per tandem to originating toll free minutes only in lieu of the Tandem Switched Facility, Tandem Switched Termination and Tandem Switching rate elements as of July 1, 2021.

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9.5 Switched Access Banded Rates (Cont'd)

Band 3

End Office

	Originating Non-Toll Free Rate	Originating Toll Free Only Rate	Terminating Rate
(A) <u>Local Switching</u>			
(1) <u>Premium</u> Per Access Minute	\$ .00371401	\$ .00185701 (R)	\$ .00000
(2) <u>Shared Trunk Port Charge</u> Per Tandem Switched Access MOU	\$ .000200	\$ .000100 (R)	\$ .000000
(3) <u>End Office Dedicated Trunk Port</u> Voice Grade	\$ 11.00	\$ N/A	\$ 0.00
DS1	\$ 170.00	\$ N/A	\$ 0.00

(B) Information Surcharge

(1) <u>Premium</u> Per Access Minute	\$ .00	\$ .00	\$ .00
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<u>Toll Free Number Data Base Service</u>	<u>Rates Per Call/Query</u>
Per Query	
- Basic	\$ .00168865 (R)
- Vertical Feature	\$ .00000000

Local Transport

	Originating Rate Non-Toll Free	Terminating Rate End Office	Terminating Rate 3 <sup>rd</sup> Party
<u>Tandem Switched Transport</u>			
(1) Tandem Switched Facility Per Access MOU Per Mile	\$ .00009	\$ .00000	\$ .00009
(2) Tandem Switch Termination Per Access MOU Per Termination	\$ .0005	\$ .0000	\$ .0005
(3) Tandem Switching Charge	\$ N/A	\$ N/A	\$ N/A
	<u>Rate Per Call Blocked</u>		
(4) Network Blocking Charge	\$ .0108		
(5) Access Tandem Trunk Port Charge Per Trunk	\$ N/A		
(6) Joint Tandem Switched Transport* Per Originating Toll Free Only Access Minute Per Tandem	\$ .001000		

\*The Joint Tandem Switched Transport rate element applies per tandem to originating toll free minutes only in lieu of the Tandem Switched Facility, Tandem Switched Termination and Tandem Switching rate elements as of July 1, 2021.

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9.5 Switched Access Banded Rates (Cont'd)

Band 4

End Office

	Originating Non-Toll Free Rate	Originating Toll Free Only Rate	Terminating Rate
<u>(A) Local Switching</u>			
(1) <u>Premium</u> Per Access Minute	\$ .005011	\$ .0025055 (R)	\$ .000000
(2) <u>Shared Trunk Port Charge</u> Per Tandem Switched Access MOU	\$ .001997	\$ .0009985 (R)	\$ .000000
	<u>Per Month</u>		
(3) <u>End Office Dedicated Trunk Port</u> DS1 Port Per Channel	\$ 0.06	\$ N/A	
DS0 Port Per Channel	\$ 1.24	\$ N/A	
<u>(B) Information Surcharge</u>			
(1) <u>Premium</u> Per Access Minute	\$ .00	\$ .00	\$ .00
<u>Toll Free Number Data Base Service</u>			
Per Query	<u>Rates Per Call/Query</u>		
- Basic	\$ .002224 (R)		

Local Transport

	Originating Non-Toll Free	Terminating 3 <sup>rd</sup> Party	Terminating End Office
<u>Tandem Switched Transport</u>			
(1) Tandem Switched Facility Per Access MOU Per Mile	\$ .000012	\$ .000012	\$ .000000
(2) Tandem Switch Termination Per Access MOU Per Termination	\$ .000011	\$ .000011	\$ .000000
(3) Tandem Switching Charge	\$ .006756	\$ .006756	\$ .000000
	<u>Rate Per Call Blocked</u>		
(4) Network Blocking Charge	\$ .0038		
	<u>Monthly Rate Per Channel</u>		
(5) Access Tandem Trunk Port Charge DS0 Port	\$ 16.77		
DS1 Port	\$ 7.89		
(6) Joint Tandem Switched Transport* Per Originating Toll Free Only Access Minute Per Tandem	\$ .00100		

\*The Joint Tandem Switched Transport rate element applies per tandem to originating toll free minutes only in lieu of the Tandem Switched Facility, Tandem Switched Termination and Tandem Switching rate elements as of July 1, 2021.

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9.5 Switched Access Banded Rates (Cont'd)

**Band 5a**

End Office

	Originating Non-Toll Free	Originating Toll Free Only	Terminating Rate
(A) <u>Local Switching</u>			
(1) <u>Premium</u> Per Access Minute	\$ .003983	\$ .0019915 (R)	\$ .000000
(2) <u>Common Trunk Port Charge</u> Per Tandem Switched Access MOU	\$ .000498	\$ .000249 (R)	\$ .000000
	Monthly Rate	Originating Portion	
(3) <u>Dedicated Trunk Port</u>			
DS0	\$ 1.83	1.83	
DS1	\$ 46.70	46.70	
(B) <u>Information Surcharge</u>			
(1) <u>Premium</u> Per Access Minute	\$ .00	\$ .00	\$ .00
(C) <u>Toll Free Number Data Base Service</u>	Rate Per Call/Query		
Per Query			
- Basic	\$ .002224 (R)		

Local Transport

Tandem Switched Transport

	Originating Non-Toll Free	Terminating 3 <sup>rd</sup> Party	Terminating End Office
(1) Tandem Switched Facility Per Access MOU Per Mile	\$ .000023	\$ .000023	\$ .000000
(2) Tandem Switch Termination Per Access MOU Per Termination	\$ .000245	\$ .000245	\$ .000000
(3) Tandem Switching Charge	\$ .000381	\$ .000381	\$ .000000
(4) Common Transport Multiplexing	Originating Non-Toll Free* (C) \$ .000254	(C) (C) (C) \$ .000000	
(5) Network Blocking Charge	Rate Per Call Blocked \$ .0108		
(6) Access Tandem Trunk Port Charge Per Trunk	[see "(7)" below]		
(7) Dedicated Trunk Port	Monthly Rate		
Per DSO Trunk	\$ 3.66		
Per DS1 Trunk	\$ 93.40		
(8) Joint Tandem Switched Transport* Per Originating Toll Free Only Access Minute Per Tandem	\$ .00100		

\*The Joint Tandem Switched Transport rate element applies per tandem to originating toll free minutes only in lieu of the Tandem Switched Facility, Tandem Switched Termination, Tandem Switching and Common Transport Multiplexing rate elements as of July 1, 2021.

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Section 9 -- RATES

9.5 Switched Access Banded Rates (Cont'd)

**Band 5b**

**End Office**

	Originating Non-Toll Free	Originating Toll Free Only	Terminating Rate
(A) <u>Local Switching</u>			
(1) <u>Premium</u> Per Access Minute	\$ .003983	\$ .0019915 (R)	.000000
(2) <u>Common Trunk Port Charge</u> Per Tandem Switched Access MOU	\$ .000498	\$ .0002490 (R)	.000000
		Monthly Originating Rate Portion	
(3) <u>Dedicated Trunk Port</u> DS0		1.83	1.83
DS1		46.70	46.70
(B) <u>Information Surcharge</u>	Originating Non-Toll Free	Originating Toll Free Only	Terminating
(1) <u>Premium – Per Access Minute</u>	\$ .00	\$ .00	.00
(C) <u>Toll Free Number Data Base Service</u>		Rate Per Call/Query	
Per Query – Basic		.002224 (R)	

**Local Transport**

	Originating Non-Toll Free	Terminating 3 <sup>rd</sup> Party	Terminating End Office
<u>Tandem Switched Transport</u>			
(1) Tandem Switched Facility Per Access MOU Per Mile	\$ .000025	\$ .000025	\$ .000000
(2) Tandem Switch Termination Per Access MOU Per Termination	\$ .000278	\$ .000278	\$ .000000
(3) Tandem Switching Charge	\$ .000425	\$ .000425	\$ .000000
(4) Common Transport Multiplexing	Originating Non-Toll Free*(C) \$ .000277		(C) Terminating (C) \$ .000000
(5) Network Blocking Charge	Rate Per Call Blocked \$ .0108		
(6) Access Tandem Trunk Port Charge Per Trunk	[see "(7)" below]		
(7) Dedicated Trunk Port	Monthly Rate		
Per DSO Trunk	\$ 3.66		
Per DS1 Trunk	\$ 93.40		
(8) Joint Tandem Switched Transport* Per Originating Toll Free Only, Access Minute Per Tandem			\$ .00100

\*The Joint Tandem Switched Transport rate element applies per tandem to originating toll free minutes only in lieu of the Tandem Switched Facility, Tandem Switched Termination, Tandem Switching and Common Transport Multiplexing rate elements as of July 1, 2021.

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Section 9 -- RATES

9.5 Switched Access Banded Rates (Cont'd)

Band 6 - Frontier Southwest, Inc. - Texas Exchanges

End Office

	Originating Non-Toll Free	Originating Toll Free Only	Terminating Rate
<u>(A) Local Switching</u>			
(1) <u>Premium</u> Per Access Minute	\$ .0024060	\$ .0012030 (R)	\$.000000
(2) <u>Shared Trunk Port Charge</u> Per Tandem Switched Access MOU	\$ .0016920	\$ .0008460 (R)	\$.000000
	Monthly Rate		
(3) End Office Dedicated Trunk Port	\$ 12.50		
<u>(B) Information Surcharge</u>			
	Originating Non-Toll Free	Originating Toll Free Only	Terminating Rate
(1) <u>Premium</u> Per Access Minute	\$ .000000	\$ .000000	\$.000000
<u>(C) Toll Free Number Data Base Service</u>			
	Rates Per Call/Query		
Per Query - Basic	\$ .002224 (R)		

Local Transport

	Originating Non- Toll Free Rate	End Office Term.Rate	3rd Party Term.Rate
<u>(A) Tandem Switched Transport</u>			
(1) Tandem Switched Facility Per Access MOU Per Mile	\$.0000020	\$ .00000000	\$.0000020
(2) Tandem Switch Termination Per Access MOU Per Term	\$.0000000	\$ .0000000	\$.0000000
(3) Tandem Switching Charge Per Access MOU	\$.0015740	\$ .00000000	\$.0015740
(4) Network Blocking Charge			<u>Rate Per Call Blocked</u> \$ .018
(5) Access Tandem Trunk Port Charge Per Trunk Monthly Rate		\$12.50	
(6) Joint Tandem Switched Transport Per Originating Toll Free Only Access Minute Per Tandem		\$ .00100	

\*The Joint Tandem Switched Transport rate element applies per tandem to originating toll free minutes only in lieu of the Tandem Switched Facility, Tandem Switched Termination and Tandem Switching rate elements as of July 1, 2021.

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9.5 Switched Access Banded Rates (Cont'd)

Band 7 - Southwest Bell Telephone Company - Texas Exchanges

End Office

	Originating Non-Toll Free	Originating Toll Free Only	Terminating Rate
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(A) Local Switching

(1) Premium

Per Access Minute \$ .001282 (R) \$ .001282 (R) .000000

(2) Shared Trunk Port Charge

Per Tandem Switched Access MOU \$ .000450 (R) \$ .000450 (R) .000000

Monthly  
Rate

(3) End Office Dedicated Trunk Port \$ 18.96 \$ N/A

(B) Information Surcharge

(1) Premium

Per Access Minute \$ .000000 \$ .000000 .000000

(C) 800 No.Portability Access Svc(NPAS)

Rates Per  
Call/Query

Per Query

- 800 NPAS Query \$ .001366 (R)

- Call Handling and Destination \$ .000000

Local Transport

	Originating Non-Toll Free and Toll Free Rate	Terminating 3 <sup>rd</sup> Party	Terminating End Office
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(A) Tandem Switched Transport

(1) Tandem Switched Facility \$ .000000 \$ .000003 \$ .00000  
Per Access MOU Per Mile

(2) Tandem Switch Term \$ .000000 \$ .000053 \$ .00000

Per Access MOU Per Term

(3) Tandem Switching Charge \$ .000358 \$ .000288 \$ .00000  
Per Access MOU

(4) Host/Remote Transmission

Per Access MOU \$ .000000 \$ N/A \$ 0.00

Per Access MOU Per Mile \$ .0000000 \$ N/A \$ 0.00

Rate Per Call Blocked

(5) Network Blocking Charge \$ N/A

(6) Access Tandem Trunk Port  
Charge

Per Trunk Monthly Rate \$1.34

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