

ACCESS SERVICE TARIFF

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Issued: July 16, 2015

Issued By: Chief Executive Officer
222 S Riverside Plaza, Suite 2730
Chicago, IL 60606

Effective: July 31, 2015

ACCESS SERVICE TARIFF

SECTION 3 -- REGULATIONS

3.1 Undertaking of the Company

3.1.1 Scope

The Company undertakes to furnish access services in accordance with the terms and conditions set forth in this tariff.

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 at least 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. Customers will also be required to execute any other documents as may be reasonably requested by the Company.
- (C) In any action between the parties to enforce any provisions of this tariff, the Company, if it prevails in the action, shall be entitled to recover court costs and legal fees from the customer.
- (D) This tariff shall be interpreted and governed by the laws of the United States without regard for its choice of laws provision.
- (E) If any provision, rate or term of this Tariff shall be held to be invalid or unenforceable, such invalidity or unenforceability shall not invalidate or render any other provision, rate or term of this Tariff unenforceable, but rather this Tariff shall be construed as if not containing the invalid or unenforceable provision, rate or term.

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SECTION 6 - SWITCHED ACCESS SERVICE6.1.2 Rate Categories (cont'd)(A) Switched Transport (cont'd)

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(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 premises designated by the customer. This charge 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**6.1.2 Rate Categories (cont.)****(A) Switched Transport (cont'd)**

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(2) Direct Trunked Transport

Direct Trunked Transport is available in High Capacity DS1, DS3, OC-X or Gig-E circuits.

Direct Trunked Transport rates consist of a Direct Trunked Facility rates which is applied on a per mile basis and a Direct Trunked Termination rate which is applied at each end of each measured segment of the Direct Trunked Facility (e.g., at the end office, hub, tandem, and serving wire center). When the Direct Trunked Facility mileage is zero, the Direct Trunked Termination per mile rate will not apply.

(3) Optional Features

Where transmission facilities permit, the individual transmission paths between the Customers'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
- Signaling System 7 (SS7) Signaling

(4) Termination and Transport

Termination and transport service is comprised of the connections and facilities between the Company's end office or tandem switches and a Customer's point of presence.

(5) Dedicated Tandem Trunk Ports

Dedicated Tandem Trunk Port is provided for all facilities terminated on the serving wire center side of the access tandem when the customer has requested tandem routing. The Dedicated Tandem Trunk Port rate is assessed monthly on a per DS1 basis and is assessed on all facilities connecting to a tandem trunk port on the serving wire center side of the tandem. The rate is assessed for all Feature Group services on a per DS1 basis. When Direct Transport is provided as a DS3, DS3 to DS1 multiplexing is required. Dedicated Tandem Trunk Port is billed for both originating and terminating usage.

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SECTION 6 - SWITCHED ACCESS SERVICE

6.1.2 Rate Categories (cont.)

(B) End Office

The End Office rate category provides the local end office switching functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office and the Customer. The End Office rate category includes the Local Switching and Common Trunk Port rate elements. In addition, certain end office optional features are provided at charges set forth in Section 8.

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(1) Local Switching

The Local Switching rate element provides for (1) local end office switching, i.e., the common switching functions associated with the various Switched Access Service arrangements and (2) intercept functions, i.e., the termination of certain calls at a Company intercept operator or recording. It is divided into two distinct categories: LS1 and LS2. The first category, LS1, provides local switching for Feature Groups A. The second category, LS2, provides local switching for Feature Group D, 800 Access Service, 900 Access Service.

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with LS2. 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 FGC

(2) Common Trunk Port

The Common Trunk Port used by multiple customers provides for the termination of common transport trunks in common end office trunk ports in conjunction with tandem routed traffic. The Common Trunk Port rate is assessed on a usage sensitive basis on tandem routed switched access.

(C) Tandem Switching and Transport

The Tandem Switching and Transport rate category provides for use of the Company's tandem switches. The Tandem rate category includes the Tandem Switching, Transport Facility, Transport Termination and Common Multiplexing rate elements.

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SECTION 6 - SWITCHED ACCESS SERVICE

6.1.2 Rate Categories (cont.)

(1) Tandem-Switched Transport Services

Tandem-Switched Transport provides Switched Transport that is switched through a tandem switch, between the customer's serving wire center and the end offices subtending the tandem. Tandem Switched Transport is also available between an access tandem and end offices subtending that tandem. Tandem-Switched Transport consists of circuits dedicated to the use of a single customer from the serving wire center to the tandem and circuits used in common by multiple customers from the tandem to the end office. Beginning July 1, 1998, the dedicated transport provided between the serving wire center and the tandem must be ordered as Direct Transport, as described in (b) preceding.

Tandem-Switched Transport is composed of the following usage sensitive rate elements:

- (a) The Transport Termination element includes the non-distance sensitive portion of Switched Transport, and is assessed on a per access minute of use basis. (T)
- (b) The Transport Facility element includes the distance sensitive portion of Switched Transport and is assessed on a per access minute of use per mile basis. For simplicity, the Company will periodically assess the average number of miles that apply and adjust rates accordingly. (T)
- (c) The Tandem Switching element includes the access tandem switching associated with Tandem-Switched Transport traffic and is assessed per access minute switched through the tandem.

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6.1.3 Cross Connects

This service connects two facilities from the same customer or facilities from two different customers in the Company's central office(s). Cross connect service is provided at a DS1, DS3, OCX, or GigE level.

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SECTION 6 - SWITCHED ACCESS SERVICE6.7 Identification and rating of Voice Over Internet Protocol (VOIP) Traffic(A) General

1. VOIP traffic is defined as traffic that is exchanged between a Company end user and the customer in time division multiplexing (TDM) format that originates and/or terminates in Internet protocol (IP) format. These rules establish the method of separating such traffic from the customer's traditional intrastate access traffic, so that such relevant VOIP traffic can be billed in accordance with the FCC Order (see Report and Order in WC Docket Nos. 10-90, etc. FCC Release No. 11-161 (November 18, 2011)).
2. This section will be applied to the billing of switched access charges to a customer that is a local exchange carrier only to the extent that the customer has also implemented billing of interstate access charges for relevant VOIP tariff in accordance with the FCC order.
3. The rates, terms, and conditions of this section will apply to transit services provided in connection with the origination or termination of LEC-CMRS intraMTA traffic.

(B) Rating of VOIP traffic

The relevant VOIP traffic that is identified in accordance with this tariff section will be bill at rates equal to the Company's applicable tariffed interstate access rates as specified in this tariff. (T)

(B) Calculation and Application of Percent VOIP Usage Factor

The Company will determine the number of relevant VOIP traffic minutes of use (MOU) to which the interstate rates will be applied under subsection B above, by applying a percent VOIP usage (PVU) factor to the total intrastate access MOU exchanged between a Company end user and the customer. The PVU will be determined and applied as follows:

1. The customer will calculate and furnish to the Company a factor (customer factor) representing the percentage of the total intrastate and interstate access MOU that the customer exchanges with the Company in the state, that (a) is sent to the Company and that originated in IP format; or (b) is received from the Company and terminated in IP format. This customer factor shall be based on information such as traffic studies, call details, the number of the customer's retail VOIP subscriptions in the state (as reported in FCC Form 477) or other relevant and verifiable information.
2. The Company will also calculate a factor (Company factor) representing the percentage of the Company's total intrastate and interstate access MOU in the state that the Company originates or terminates on its network in IP format. This Company factor shall be based on information such as traffic studies, call details, the number of the customer's retail VOIP subscriptions in the state (as reported in FCC Form 477) or other relevant and verifiable information.

ACCESS SERVICE TARIFF

SECTION 8 – RATES AND CHARGES8.1.3 Interstate Switched Access

<u>State, per MOU</u>	<u>Originating</u>	<u>Terminating</u>
1. <u>Alabama</u>		
End Office Switching	\$0.0016401	\$0.0008080
Common Trunk Port	\$0.0003893	\$0.0001918
Tandem Switching	\$0.0003558	\$0.0003558
Transport Termination	\$0.0000349	\$0.0000349
Transport Facility (per mile)	\$0.0000121	\$0.0000121
Common Multiplexing	\$0.0000209	\$0.0000209
2. <u>Alaska</u>		
End Office Switching	\$0.002034	\$0.001144
Common Trunk Port	\$0.000098	\$0.000098
Tandem Switching	\$0.000000	\$0.000000
Transport Termination	\$0.000000	\$0.000000
Transport Facility (per mile)	\$0.000000	\$0.000000
Common Multiplexing	\$0.000000	\$0.000000
3. <u>Arizona</u>		
End Office Switching	\$0.0019019	\$0.00110063
Common Trunk Port	\$0.0000000	\$0.00000000
Tandem Switching	\$0.0003038	\$0.00030380
Transport Termination	\$0.0000000	\$0.00000000
Transport Facility (per mile)	\$0.0000020	\$0.00000200
Common Multiplexing	\$0.0000000	\$0.00000000
4. <u>Arkansas, Kansas, Missouri, Oklahoma, Texas</u>		
End Office Switching	\$0.002563	\$0.002299
Common Trunk Port	\$0.000900	\$0.000000
Tandem Switching	\$0.000288	\$0.000288
Transport Termination	\$0.000053	\$0.000053
Transport Facility (per mile)	\$0.000003	\$0.000003
Common Multiplexing	\$0.000047	\$0.000047

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ACCESS SERVICE TARIFF

SECTION 8 – RATES AND CHARGES8.1.3 Interstate Switched Access

<u>State, per MOU</u>	<u>Originating</u>	<u>Terminating</u>
5. <u>California</u>		
End Office Switching	\$0.0019019	\$0.00112208
Common Trunk Port	\$0.0007207	\$0.00000000
Tandem Switching	\$0.0021296	\$0.00212960
Transport Termination	\$0.0000000	\$0.00000000
Transport Facility (per mile)	\$0.0000020	\$0.00000200
Common Multiplexing	\$0.0000000	\$0.00000000
6. <u>Colorado, Montana, North Dakota, South Dakota</u>		
End Office Switching	\$0.001974	\$0.000807
Common Trunk Port	\$0.000747	\$0.000306
Tandem Switching	\$0.002252	\$0.002252
Transport Termination	\$0.000240	\$0.000240
Transport Facility (per mile)	\$0.000030	\$0.000030
Common Multiplexing	\$0.000036	\$0.000036
7. <u>Connecticut</u>		
End Office Switching	\$0.003133	\$0.00186929
Common Trunk Port	\$0.001400	\$0.00000000
Tandem Switching	\$0.000634	\$0.00063400
Transport Termination	\$0.000063	\$0.00006300
Transport Facility (per mile)	\$0.000003	\$0.00000300
Common Multiplexing	\$0.000082	\$0.00008200
8. <u>Delaware, District of Columbia, Maryland, New Jersey</u>		
End Office Switching	\$0.002406	\$0.001931
Common Trunk Port	\$0.001688	\$0.000000
Tandem Switching	\$0.001574	\$0.001574
Transport Termination	\$0.000000	\$0.000000
Transport Facility (per mile)	\$0.000002	\$0.000002
Common Multiplexing	\$0.000000	\$0.000000

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SECTION 8 – RATES AND CHARGES8.1.3 Interstate Switched AccessState, per MOUOriginatingTerminating

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9. Florida

End Office Switching	\$0.0020995	\$0.001918
Common Trunk Port	\$0.0016920	\$0.000000
Tandem Switching	\$0.0015740	\$0.0015740
Transport Termination	\$0.0000000	\$0.0000000
Transport Facility (per mile)	\$0.0000020	\$0.0000020
Common Multiplexing	\$0.0000000	\$0.0000000

10. Georgia, Louisiana, Mississippi, South Carolina and Tennessee

End Office Switching	\$0.002126	\$0.001775
Common Trunk Port	\$0.000800	\$0.000000
Tandem Switching	\$0.001145	\$0.001145
Transport Termination	\$0.000168	\$0.000168
Transport Facility (per mile)	\$0.000020	\$0.000020
Common Multiplexing	\$0.000380	\$0.000380

11. Hawaii

End Office Switching	\$0.0017835	\$0.0010612
Common Trunk Port	\$0.0008090	\$0.0007366
Tandem Switching	\$0.0012000	\$0.0012000
Transport Termination	\$0.0001300	\$0.0001300
Transport Facility (per mile)	\$0.0000300	\$0.0000300
Common Multiplexing	\$0.0000356	\$0.0000356

12. Idaho

End Office Switching	\$0.000157	\$0.000157
Common Trunk Port	\$0.000054	\$0.000054
Tandem Switching	\$0.000347	\$0.000347
Transport Termination	\$0.000075	\$0.000075
Transport Facility (per mile)	\$0.000027	\$0.000027
Common Multiplexing	\$0.000064	\$0.000064

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SECTION 8 – RATES AND CHARGES8.1.3 Interstate Switched Access

<u>State, per MOU</u>	<u>Originating</u>	<u>Terminating</u>
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13. Illinois, Michigan, Ohio, Wisconsin

End Office Switching	\$0.003116	\$0.001827
Common Trunk Port	\$0.000371	\$0.000000
Tandem Switching	\$0.001084	\$0.001084
Transport Termination	\$0.000103	\$0.000103
Transport Facility (per mile)	\$0.000013	\$0.000013
Common Multiplexing	\$0.000015	\$0.000015

14. Indiana

End Office Switching	\$0.003747	\$0.001572
Common Trunk Port	\$0.000406	\$0.000170
Tandem Switching	\$0.000210	\$0.000210
Transport Termination	\$0.000253	\$0.000253
Transport Facility (per mile)	\$0.000040	\$0.000040
Common Multiplexing	\$0.000280	\$0.000280

15. Iowa, Minnesota, Nebraska, Wyoming

End Office Switching	\$0.003983	\$0.001630
Common Trunk Port	\$0.000498	\$0.000204
Tandem Switching	\$0.000331	\$0.000331
Transport Termination	\$0.000218	\$0.000218
Transport Facility (per mile)	\$0.000020	\$0.000020
Common Multiplexing	\$0.000218	\$0.000218

16. Kentucky

End Office Switching	\$0.0013823	\$0.0006805
Common Trunk Port	\$0.0007029	\$0.0003460
Tandem Switching	\$0.0004230	\$0.0004230
Transport Termination	\$0.0000479	\$0.0000479
Transport Facility (per mile)	\$0.0000142	\$0.0000142
Common Multiplexing	\$0.0000303	\$0.0000303

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SECTION 8 – RATES AND CHARGES8.1.3 Interstate Switched Access

<u>State, per MOU</u>	<u>Originating</u>	<u>Terminating</u>
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17. Maine, New Hampshire, Vermont

End Office Switching	\$0.002264	\$0.000986
Common Trunk Port	\$0.001595	\$0.000695
Tandem Switching	\$0.001600	\$0.001600
Transport Termination	\$0.000000	\$0.000000
Transport Facility (per mile)	\$0.000003	\$0.000003
Common Multiplexing	\$0.000000	\$0.000000

18. Massachusetts, New York, Rhode Island

End Office Switching	\$0.002406	\$0.001906
Common Trunk Port	\$0.001688	\$0.000000
Tandem Switching	\$0.001574	\$0.001574
Transport Termination	\$0.000000	\$0.000000
Transport Facility (per mile)	\$0.000002	\$0.000002
Common Multiplexing	\$0.000000	\$0.000000

19. Nevada

End Office Switching	\$0.001342	\$0.001538
Common Trunk Port	\$0.001663	\$0.000000
Tandem Switching	\$0.001062	\$0.001062
Transport Termination	\$0.000120	\$0.000120
Transport Facility (per mile)	\$0.000008	\$0.000008
Common Multiplexing	\$0.000018	\$0.000018

20. New Mexico

End Office Switching	\$0.0009010	\$0.0004333
Common Trunk Port	\$0.0005940	\$0.0002857
Tandem Switching	\$0.0004000	\$0.0004000
Transport Termination	\$0.0000990	\$0.0000990
Transport Facility (per mile)	\$0.0001120	\$0.0001120
Common Multiplexing	\$0.0000277	\$0.0000277

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SECTION 8 – RATES AND CHARGES8.1.3 Interstate Switched Access

<u>State, per MOU</u>	<u>Originating</u>	<u>Terminating</u>
21. <u>North Carolina</u>		
End Office Switching	\$0.0019548	\$0.00203999
Common Trunk Port	\$0.0006170	\$0.00000000
Tandem Switching	\$0.0016490	\$0.00164900
Transport Termination	\$0.0000000	\$0.00000000
Transport Facility (per mile)	\$0.0000020	\$0.00000200
Common Multiplexing	\$0.0000000	\$0.00000000
22. <u>Oregon</u>		
End Office Switching	\$0.003770	\$0.001533
Common Trunk Port	\$0.000428	\$0.000174
Tandem Switching	\$0.000150	\$0.000150
Transport Termination	\$0.000225	\$0.000225
Transport Facility (per mile)	\$0.000025	\$0.000025
Common Multiplexing	\$0.000225	\$0.000225
23. <u>Pennsylvania</u>		
End Office Switching	\$0.002406	\$0.001900
Common Trunk Port	\$0.001688	\$0.000000
Tandem Switching	\$0.001574	\$0.001574
Transport Termination	\$0.000000	\$0.000000
Transport Mileage (per mile)	\$0.000002	\$0.000002
Common Multiplexing	\$0.000000	\$0.000000
24. <u>Utah</u>		
End Office Switching	\$0.00364690	\$0.0022779
Common Trunk Port	\$0.00104073	\$0.0000000
Tandem Switching	\$0.00017103	\$0.00017103
Transport Termination	\$0.00010000	\$0.0001000
Transport Facility (per mile)	\$0.00005000	\$0.0000500
Common Multiplexing	\$0.00010000	\$0.0000000

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SECTION 8 – RATES AND CHARGES8.1.3 Interstate Switched Access

<u>State, per MOU</u>	<u>Originating</u>	<u>Terminating</u>
25. <u>Virginia</u>		
End Office Switching	\$0.002406	\$0.001662
Common Trunk Port	\$0.001688	\$0.000000
Tandem Switching	\$0.001574	\$0.001574
Transport Termination	\$0.000000	\$0.000000
Transport Facility (per mile)	\$0.000002	\$0.000002
Common Multiplexing	\$0.000000	\$0.000000
26. <u>Washington</u>		
End Office Switching	\$0.003770	\$0.001533
Common Trunk Port	\$0.000428	\$0.000174
Tandem Switching	\$0.000331	\$0.000150
Transport Termination	\$0.000225	\$0.000225
Transport Facility (per mile)	\$0.000025	\$0.000025
Common Multiplexing	\$0.000225	\$0.000225
27. <u>West Virginia</u>		
End Office Switching	\$0.00364690	\$0.0022779
Common Trunk Port	\$0.00104073	\$0.0000000
Tandem Switching	\$0.00017103	\$0.00017103
Transport Termination	\$0.00010000	\$0.0001000
Transport Facility	\$0.00005000	\$0.0000500
Common Multiplexing	\$0.00010000	\$0.0000000

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ACCESS SERVICE TARIFF

SECTION 8 – RATES AND CHARGES

8.1 Rates and Charges (cont'd)

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ACCESS SERVICE TARIFF

SECTION 8 – RATES AND CHARGES8.2 Miscellaneous Services (cont'd)8.2.3 Billing and Collection Services(A) Billing Name and Address ServiceRecurring charge

Service Establishment	\$250
Query charge – Per TN	\$0.20
Automatic Number Identification -Per attempt	\$0.0121
Recording per customer message	\$0.0081

8.2.4 8YY Data Base ServiceCustomer Identification
-Per query in below jurisdiction

AL, AR, CA, CT (SNET), FL, GA, IL, IN, KS, KY, LA, MI, MO, MS, NC, NV, OK, OH, SC, TN, TX, WI	\$0.005
AZ, CO, IA, ID, MN, MT, ND, NE, NM, OR, SD, UT, WA, WY,	\$0.0045
CT (Verizon), DC, DE, MA, MD, NJ, NY, PA, RI, VA, WV	\$0.006
ME, NH, VT	\$0.0037
AK	\$0.0070
HI	\$0.0070

8.2.5 Payphone Dial-Around Compensation

-Per toll free call \$0.65

8.2.6 End User Common Line Charge

Per DSO	\$0.20	(I)
Per ISDN PRI	\$4.60	(I)