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INTERSTATE ACCESS SERVICES TARIFF

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## CHECK SHEET

Pages 1 to 80 of this tariff are effective as of the date shown. Original and revised pages listed below contain all changes from the original tariff that are in effect on the date shown.

<b>PAGE</b>	<b>REVISION</b>	
1	3 <sup>rd</sup> Revised	*
11	1 <sup>st</sup> Revised	*
26	1 <sup>st</sup> Revised	
30	1 <sup>st</sup> Revised	
45	1 <sup>st</sup> Revised	*
46	1 <sup>st</sup> Revised	*
47	1 <sup>st</sup> Revised	*
61	3 <sup>rd</sup> Revised	*
63	3 <sup>rd</sup> Revised	*
65	3 <sup>rd</sup> Revised	*
67	3 <sup>rd</sup> Revised	*
69	3 <sup>rd</sup> Revised	*
71	3 <sup>rd</sup> Revised	*
73	3 <sup>rd</sup> Revised	*
75	3 <sup>rd</sup> Revised	*
77	3 <sup>rd</sup> Revised	*
78	1 <sup>st</sup> Revised	

\* - New or revised page

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## SECTION 1 - DEFINITIONS AND ABBREVIATIONS (CONT'D.)

**Service Order** - A written request for network Services executed by the Customer and the Company. The signing of a Service Order by the Customer and acceptance by the Company begins the respective obligations of the parties in that order for Services offered under this tariff.

**Serving Wire Center Switch** - A Company switching system where Customer or End User station loops are terminated for purposes of interconnection to other station loops, Trunks or access facilities. In most contexts, the Customer is connected via station loops or Trunks to a Serving Wire Center Switch.

**Station** - Refers to telephone equipment or an exchange access line from or to which Calls are placed.

**Switched Access** - Where originating or terminating access between an End User and an Interexchange Carrier is provided via Feature Group facilities, circuits or channels provided by a local exchange carrier. A method of reaching the Customer's communication and switching systems whereby the End User is connected to the Customer's Point of Presence or designate using Services of the local switched network.

**Tandem Switch** - See Access Tandem.

**TDM** - Time Division Multiplexing – a method of transmitting and receiving voice signals over the Public Switched Telephone Network (PSTN).

**Terminal Equipment** - Telecommunications devices, apparatus and associated wiring on the Customer-designated Premises.

**Terminating Direction** - The use of Switched Access Service for the completion of Calls from a Customer's Point of Presence to an End User Premises.

**Toll VoIP-PSTN Traffic** – The traffic exchanged in time division multiplexing (“TDM”) format that originates and/or terminates in Internet Protocol (“IP”) format. Traffic originates and/or terminates in IP format if it originates from and/or terminates to an End User customer of a service that requires Internet Protocol compatible Customer Premises Equipment. (N)  
|  
|  
(N)

**Trunk** - A communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

**Trunk Group** - A set of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

**TWCIS (OH)** - Refers to Time Warner Cable Information Services (Ohio), LLC d/b/a Time Warner Cable.

**VoIP Service** - Transmission of voice communication by aid of wire, cable, radio, or other like connection using Voice Over Internet Protocol that is originated or terminated in Internet Protocol (IP) format.

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## SECTION 3 - SWITCHED ACCESS SERVICE

## 3.1 General

- 3.1.1 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's 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's Premises and to terminate Calls from a Customer's Premises to an End User's Premises in the LATA where it is provided.
- 3.1.2 When a rate as set forth in this tariff is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).
- 3.1.3 In the absence of an ASR as described in Section 3.4, delivery of Calls to, or acceptance of Calls from, the Customer's End User location(s) via Company-provided Switched Access Services shall constitute a Constructive Order and an agreement by the Customer to purchase the Company's Switched Access Services as described and priced herein.
- 3.1.4 All Toll VoIP-PSTN traffic will be assessed switched access charges at the rates set forth in this tariff. (N)  
(N)
- 3.1.5 The Company shall assess and collect Switched Access rate elements under this tariff for access services, regardless of whether the Company itself delivers such traffic to the called party's premises or the traffic is delivered to the called party's premises by an affiliated or unaffiliated provider of VoIP Service that does not itself seek to collect Switched Access charges for the same traffic. The Company will not charge for functions not performed by the Company or any affiliated or unaffiliated provider of VoIP Service. For purposes of this provision, functions provided by the Company as part of transmitting telecommunications between designated points using, in whole or in part, technology other than TDM transmission in a manner that is comparable to a service offered by a local exchange carrier constitutes the functional equivalent of carrier access service. (T)

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SECTION 3 - SWITCHED ACCESS SERVICE (CONT'D.)

3.2 Manner of Provision

3.2.1 Switched Access Service is furnished for originating and terminating Calls by the Customer.

3.2.2 Originating traffic type represents access capacity within a LATA for carrying traffic from the End User to the Customer; and Terminating traffic type represents access capacity within a LATA for carrying traffic from the Customer to the End User. When ordering capacity for Switched Access Service, the Customer must at a minimum specify such access capacity in terms of originating traffic type and/or terminating traffic type.

3.2.3 Switched Access is provisioned, at minimum, at the DS1 level and provides line-side or trunk-side access to End Office Switches, for the Customer's use in originating and terminating communications. Basic Switched Access Service will be provided with Multi-Frequency In Band Signaling (SS7 is also available, where capabilities exist), or its functional equivalent. (T)  
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## SECTION 3 - SWITCHED ACCESS SERVICE (CONT'D.)

## 3.3 Rate Categories

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

- Common Line
- End Office Switching
- Switched Transport
- Toll-Free 8XX

## 3.3.1 Common Line

The Common Line rate category includes the charges related to the use of common lines by Customers and End Users for Interstate access.

## 3.3.2 End Office Switching

The End Office Switching rate category includes the charges related to the use of end office switching, the line terminations in the End Office Switch, the Signaling Transfer Point ("STP") costs, and the SS7 signaling function between the end office and the STP. End Office Switching may include any functional equivalent of the incumbent local exchange carrier End Office Switching access service provided by the Company via analogous facilities.

(N)  
|  
|  
(N)

## 3.3.3 Switched Transport

The Switched Transport rate category includes the charges related to the transmission and Tandem Switching facilities used for originating or terminating the Customer's communications. Switched Transport may include any functional equivalent of the incumbent local exchange carrier Switched Transport access service provided by the Company via analogous facilities.

(N)  
|  
(N)

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## SECTION 4 - RATES (CONT'D.)

## 4.1 Access Service Rates and Charges (Cont'd.)

## 4.1.1 Frontier North Territory (Cont'd.)

		<u>Per access minute</u>	
		<u>Originating</u>	<u>Terminating</u>
G.	Tandem Switched Transport - Termination, per termination:	\$0.00000000	\$0.00000000
H.	Tandem Switched Transport - Facility, per mile:	\$0.00000200	\$0.00000200
I.	Tandem Switching:	\$0.00240000	\$0.00240000
J.	Common Transport Multiplexing:	\$0.00000000	\$0.00000000
K.	Common Trunk Port:	\$0.00154790	\$0.00000000
L.	Local Switching:	\$0.00220770	\$0.00070000 (R)
M.	Carrier Common Line	\$0.00000000	\$0.00000000
N.	Database Charges		
	800 Access		<u>Per query</u>
	Number Delivery (Basic or Premium):		\$0.00856840

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## SECTION 4 - RATES (CONT'D.)

## 4.1 Access Service Rates and Charges (Cont'd.)

## 4.1.2 AT&amp;T Ohio Territory (Cont'd.)

		<u>Per access minute</u>	
		<u>Originating</u>	<u>Terminating</u>
G.	Tandem Switched Transport - Termination:		
	Zone 1	\$0.00010300	\$0.00010300
	Zone 2	\$0.00010300	\$0.00010300
	Zone 3	\$0.00010500	\$0.00010500
	Zone 4	\$0.00010700	\$0.00010700
	Zone 5	\$0.00010900	\$0.00010900
H.	Tandem Switched Transport - Facility, per mile:		
	Zone 1	\$0.00001300	\$0.00001300
	Zones 2-5	\$0.00001400	\$0.00001400
I.	Tandem Switching, per tandem:		
	Zone 1	\$0.00108400	\$0.00108400
	Zone 2	\$0.00111600	\$0.00111600
	Zone 3	\$0.00112000	\$0.00112000
	Zone 4	\$0.00125200	\$0.00125200
	Zone 5	\$0.00180000	\$0.00180000
J.	Common Transport Multiplexing:		
	Zone 1	\$0.00001500	\$0.00001500
	Zone 2	\$0.00001700	\$0.00001700
	Zones 3-5	\$0.00001800	\$0.00001800
K.	Common Trunk Port:	\$0.00037100	\$0.00000000
L.	Local Switching:	\$0.00311600	\$0.00070000 (R)
M.	Carrier Common Line	\$0.00000000	\$0.00000000
N.	Database Charges		
	800 Access		<u>Per query</u>
	Number Delivery:	\$0.0023040	
	Optional Functions		
	(applies in addition to Number Delivery)		
	800 Routing Options:	\$0.0001990	
	POTS Translation:	\$0.0000000	

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## SECTION 4 - RATES (CONT'D.)

## 4.1 Access Service Rates and Charges (Cont'd.)

## 4.1.3 CenturyLink f/k/a Embarq Territory (Cont'd.)

		<u>Per access minute</u>	
		<u>Originating</u>	<u>Terminating</u>
G.	Tandem Switched Transport - Termination:	\$0.00041200	\$0.00041200
H.	Tandem Switched Transport - Facility, per mile:	\$0.00003500	\$0.00003500
I.	Tandem Switching:	\$0.00012400	\$0.00012400
J.	Common Transport Multiplexing:	\$0.00040500	\$0.00040500
K.	Common Trunk Port:	\$0.00040500	\$0.00000000 ( <b>R</b> )
L.	Local Switching:	\$0.00364400	\$0.00070000 ( <b>R</b> )
M.	Carrier Common Line	\$0.00000000	\$0.00000000
N.	Database Charges		
	800 Access		<u>Per query</u>
	Number Delivery:	\$0.00675500	
	Optional Features	\$0.00135000	
	(applies in addition to Number Delivery):		

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## SECTION 4 - RATES (CONT'D.)

## 4.1 Access Service Rates and Charges (Cont'd.)

## 4.1.4 CenturyTel of Ohio d/b/a CenturyLink Territory (Cont'd.)

		<u>Per access minute</u>	
		<u>Originating</u>	<u>Terminating</u>
G.	Tandem Switched Transport - Termination, per termination:	\$0.00029200	\$0.00029200
H.	Tandem Switched Transport - Facility, per mile:	\$0.00012900	\$0.00012900
I.	Tandem Switching:	\$0.00000000	\$0.00000000
J.	Common Transport Multiplexing:	\$0.00024700	\$0.00024700
K.	Common Trunk Port:	\$0.00927500	\$0.00000000 (R)
L.	Local Switching:	\$0.00413300	\$0.00070000 (R)
M.	Carrier Common Line	\$0.00000000	\$0.00000000
N.	Database Charges		
		<u>Per query</u>	
	800 Access		
	Number Delivery:	\$0.00510100	
	Vertical Feature:	\$0.00510100	

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## SECTION 4 - RATES (CONT'D.)

## 4.1 Access Service Rates and Charges (Cont'd.)

## 4.1.5 Cincinnati Bell Territory (Cont'd.)

		<u>Per access minute</u>	
		<u>Originating</u>	<u>Terminating</u>
G.	Tandem Switched Transport - Termination:	\$0.00060000	\$0.00060000
H.	Tandem Switched Transport - Facility, per mile:	\$0.00011700	\$0.00011700
I.	Tandem Switching:	\$0.00200100	\$0.00200100
J.	Common Transport Multiplexing:	\$0.00024000	\$0.00024000
K.	Common Trunk Port:	\$0.00096800	\$0.00070000 (R)
L.	Local Switching:	\$0.00386250	\$0.00019200 (R)
M.	Carrier Common Line	\$0.00000000	\$0.00000000
N.	Database Charges		
	800 Access		<u>Per query</u>
	Number Delivery:		\$0.00239100
	POTS Translation & Routing Options:		\$0.00020000
	(in addition to Number Delivery)		

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## SECTION 4 - RATES (CONT'D.)

## 4.1 Access Service Rates and Charges (Cont'd.)

## 4.1.6 Windstream Ohio Territory (Cont'd.)

		<u>Per access minute</u>	
		<u>Originating</u>	<u>Terminating</u>
G.	Tandem Switched Transport - Termination, per termination:	\$0.00054500	\$0.00054500
H.	Tandem Switched Transport - Facility, per mile:	\$0.00024800	\$0.00024800
I.	Tandem Switching:	\$0.00481200	\$0.00481200
J.	Common Transport Multiplexing:	\$0.00001600	\$0.00001600
K.	Common Trunk Port:	\$0.00117700	\$0.00024400 (R)
L.	Local Switching:	\$0.00272000	\$0.00056390 (R)
M.	Carrier Common Line	\$0.00000000	\$0.00000000
N.	Database Charges		
	800 Access		<u>Per query</u>
	Number Delivery:	\$0.00100000	
	Vertical Feature:	\$0.00120000	

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## SECTION 4 - RATES (CONT'D.)

## 4.1 Access Service Rates and Charges (Cont'd.)

## 4.1.7 Windstream Western Reserve Territory (Cont'd)

		<u>Per access minute</u>	
		<u>Originating</u>	<u>Terminating</u>
G.	Tandem Switched Transport - Termination, per termination:	\$0.00050000	\$0.00050000
H.	Tandem Switched Transport - Facility, per mile:	\$0.00015000	\$0.00015000
I.	Tandem Switching:	\$0.00103000	\$0.00103000
J.	Common Transport Multiplexing:	\$0.00002500	\$0.00002500
K.	Common Trunk Port:	\$0.00138600	\$0.00032050 (R)
L.	Local Switching:	\$0.00253000	\$0.00058510 (R)
M.	Carrier Common Line	\$0.00000000	\$0.00000000
N.	Database Charges		
	800 Access		<u>Per query</u>
	Number Delivery:		\$0.00100000
	Vertical Feature:		\$0.00120000

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## SECTION 4 - RATES (CONT'D.)

## 4.1 Access Service Rates and Charges (Cont'd.)

## 4.1.8 Chillicothe Telephone Company Territory (Cont'd.)

		<u>Per access minute</u>	
		<u>Originating</u>	<u>Terminating</u>
G.	Tandem Switched Transport - Termination:	N/A	N/A
H.	Tandem Switched Transport - Facility, per mile:	N/A	N/A
I.	Tandem Switching:	\$0.00271400	\$0.00271400
J.	Common Transport Multiplexing:	N/A	N/A
K.	Common Trunk Port:	N/A	N/A
L.	Local Switching <sup>1</sup> :	\$0.01279600	\$0.00500000 (R) (T)
M.	Carrier Common Line:	\$0.00000000	\$0.00000000
N.	Information Surcharge:	\$0.00127800	\$0.00000000
N.	Database Charges		
		<u>Per query</u>	
	800 Access		
	Basic:	\$0.009430	
	Enhanced Features:	\$0.009660	

<sup>1</sup> The terminating Information Surcharge is included in the terminating Local Switching rate.

(N)

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## SECTION 4 - RATES (CONT'D.)

## 4.1 Access Service Rates and Charges (Cont'd.)

## 4.1.9 NECA Company Territories (Cont'd.)

		<u>Per access minute</u>	
		<u>Originating</u>	<u>Terminating</u>
G.	Tandem Switched Transport – Termination, per termination:*		
	Band 1	\$0.00105300 (I)	\$0.00105300 (I)
	Band 2	\$0.00224700 (I)	\$0.00224700 (I)
H.	Tandem Switched Transport - Facility, per mile:*		
	Band 1	\$0.00020200 (I)	\$0.00020200 (I)
	Band 2	\$0.00043300 (I)	\$0.00043300 (I)
I.	Tandem Switching, per tandem:*		
	Band 1	\$0.00265500 (I)	\$0.00265500 (I)
	Band 2	\$0.00566800 (I)	\$0.00566800 (I)
J.	Local Switching: *#		
	Band 1	\$0.01448300 (I)	0.00500000 (R)
	Band 2	\$0.01931300 (I)	0.00500000 (R)
	Band 3	\$0.02414000 (I)	0.00500000 (R)
	Band 4	\$0.02896900 (I)	0.00500000 (R)
	Band 5	\$0.03379700 (I)	0.00500000 (R)
	Band 6	\$0.03862400 (I)	0.00500000 (R)
	Band 7	\$0.04345300 (I)	0.00500000 (R)
	Band 8	\$0.04828200 (I)	0.00500000 (R)
K.	Information Surcharge:#	\$0.00053100 (I)	\$0.00000000
L.	Carrier Common Line::	\$0.00000000	\$0.00000000
N.	Database Charges		
	800 Access		<u>Per query</u>
	Number Delivery:	\$0.00570000	
	Number Delivery with Vertical Features:	\$0.00630000	

\* See Section 4.1.9.O following for company rate bands.

# The composite Terminating Local Switching rates include the Terminating Information Surcharge rate element.

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