

INTERSTATE DOMESTIC ACCESS SERVICES

CHECK SHEET

Title Page 1 to 196 of this Tariff are effective as of the date shown. Original and revised pages as named below contain all changes that are in effect on the date hereof.

<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>
Title	Original				
1-1	10th Revised*	2-21	Original	3-9	Original
1-2	10th Revised*	2-22	1st Revised	3-10	Original
1-3	Original	2-23	Original	3-11	1st Revised
1-4	Original	2-24	Original	3-12	Original
1-5	Original	2-25	Original	3-13	Original
1-6	1st Revised*	2-26	Original	3-14	1st Revised
1-7	2nd Revised*	2-27	Original	3-15	1st Revised
1-8	1st Revised*	2-28	Original	3-16	1st Revised
1-9	Original	2-29	Original	4-1	Original
1-10	Original	2-30	Original	4-2	Original
1-11	1st Revised	2-31	Original	5-1	Original
1-12	1st Revised	2-32	Original	5-2	Original
1-13	2 nd Revised	2-33	Original	5-3	Original
1-14	1st Revised	2-34	1st Revised*	5-4	Original
1-15	1 st Revised	2-35	Original	5-5	Original
1-16	Original	2-36	Original	5-6	Original
1-17	Original	2-37	Original	5-7	Original
1-18	Original	2-38	1st Revised	5-8	Original
1-19	1st Revised	2-39	Original	5-9	Original
1-20	Original	2-40	Original	5-10	Original
1-21	Original	2-41	Original	5-11	1st Revised*
2-1	Original	2-42	Original	5-11.1	Original*
2-2	Original	2-43	1st Revised	5-12	1st Revised*
2-3	Original	2-44	1st Revised	5-13	1st Revised*
2-4	Original	2-45	Original	5-14	1st Revised*
2-5	Original	2-46	1st Revised*	5-15	Original
2-6	Original	2-47	Original	5-16	Original
2-7	Original	2-48	Original	5-17	Original
2-8	Original	2-49	1st Revised	5-18	Original
2-9	Original	2-50	Original	5-19	Original
2-10	Original	2-51	Original	5-20	Original
2-11	Original	2-52	1st Revised	5-21	Original
2-12	Original	2-53	1st Revised*	5-22	Original
2-13	Original	2-54	1st Revised*	5-23	Original
2-14	Original	3-1	1st Revised	5-24	Original
2-15	Original	3-2	1st Revised	5-25	1st Revised*
2-16	Original	3-3	1st Revised	5-26	Original
2-17	Original	3-4	1st Revised	5-27	Original
2-18	Original	3-5	Original	5-28	Original
2-19	Original	3-6	1st Revised	5-29	Original
2-20	Original	3-7	Original	5-30	Original
		3-8	1st Revised		

*Issued July 20, 2021

Issued: July 20, 2021

Effective: July 21, 2021

Issued by:

Knology, Inc.
1241 O.G. Skinner Drive
West Point, Georgia 31833

INTERSTATE DOMESTIC ACCESS SERVICES

CHECK SHEET

Title Page 1 to 195 of this Tariff is effective as of the date shown. Original and revised pages as named below contain all changes that are in effect on the date hereof.

<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>
		6-25	1st Revised	16-12	Original
5-31	Original	7-1	1st Revised	16-13	Original
5-32	Original	8-1	Original	16-14	1st Revised
5-33	Original	9-1	Original	16-15	Original
5-34	Original	9-2	Original	16-16	Original
5-35	Original	9-3	Original		
5-36	1st Revised*	9-4	Original		
5-37	Original	9-5	Original		
5-38	Original	9-6	1st Revised		
5-39	Original	9-7	Original		
5-40	Original	9-8	Original		
6-1	1st Revised	9-9	1st Revised		
6-2	1st Revised	9-10	Original		
6-3	1st Revised	9-11	Original		
6-4	1st Revised	9-12	1st Revised		
6-5	1st Revised	9-13	1st Revised		
6-6	1st Revised	9-14	1st Revised		
6-7	1st Revised	9-15	Original		
6-8	1st Revised	9-16	Original		
6-9	1st Revised	9-17	4th Revised		
6-10	1st Revised	10-1	Original		
6-11	1st Revised	11-1	Original		
6-12	1st Revised	12-1	Original		
6-13	1st Revised	13-1	Original		
6-14	1st Revised	14-1	Original		
6-15	1st Revised	15-1	Original		
6-16	1st Revised	16-1	4th Revised*		
6-17	1st Revised	16-1.1	Original		
6-18	1st Revised	16-2	Original		
6-19	1st Revised	16-3	5th Revised*		
6-20	1st Revised	16-3.1	2nd Revised*		
6-21	1st Revised	16-4	4th Revised*		
6-22	1st Revised	16-4.1	3rd Revised*		
6-23	1st Revised	16-5	8th Revised*		
6-24	1st Revised	16-5.1	1st Revised		
		16-6	1st Revised		
		16-7	1st Revised		
		16-8	1st Revised		
		16-9	1st Revised		
		16-10	Original		
		16-11	Original		

*Issued July 20, 2021

Issued: July 20, 2021

Effective: July 21, 2021

Issued by:

Knology, Inc.
1241 O.G. Skinner Drive
West Point, Georgia 31833

INTERSTATE DOMESTIC ACCESS SERVICES

TABLE OF CONTENTS (Cont'd)

		<u>Page No.</u>
2.	<u>GENERAL REGULATIONS (Cont'd)</u>	
2.17	<u>Definitions</u>	34
	800 Series Service.....	34
	Access Code.....	34
	Access Minutes	34
	Access Tandem	34
	Aggregator	34
	Answer/Disconnect Supervision	35
	Attenuation Distortion	35
	Balance (100 Type) Test Line.....	35
	Bit	35
	Business Day.....	35
	Busy Hour Minutes of Capacity (BHMC)	36
	Call	36
	Carrier or Common Carrier.....	36
	CCS.....	36
	Central Office	36
	Central Office Maintenance Technician	37
	Central Office Prefix.....	37
	Channel(s).....	37
	Channel Service Unit	37
	Channelize	37
	Clear Channel Capability.....	37
	C-Message Noise	37
	C-Notched Noise.....	38
	Coin Station	38
	Committed Information Rate	38
	Common Line	38
	Common Channel Signaling	38
	Communications System	38
	Customer(s).....	38
	Customer Designated Premises.....	39
	Data Transmission (107 Type) Test Line	39
	Decibel	39
	Decibel Reference Noise C-Message Weighting.....	39
	Decibel Reference Noise C-Message Referenced to 0	39
	Detail Billing.....	39
	Digital Switched 56 Service	39
	Direct-Trunked Transport	40
	Directory Assistance (Intrastate).....	40
	Directory Assistance Location (Intrastate)	40
	Dual Tone Multifrequency Address Signaling	40

(M)

INTERSTATE DOMESTIC ACCESS SERVICES

TABLE OF CONTENTS (Cont'd)

Page No.

2. GENERAL REGULATIONS (Cont'd)

2.17 Definitions (Cont'd)

Echo Control	40
Echo Path Loss.....	40
Echo Return Loss	40
Effective - 2-wire	41
Effective - 4-wire	41
End Office	41
End User	41
Enhanced Service.....	42
Entrance Facility	42
Entry Switch	42
Envelope Delay Distortion.....	42
Equal Level Echo Path Loss	42
Exchange.....	42
Exit Message.....	43
Expected Measured Loss	43
Extended Area Service.....	43
Extended PVC.....	43
First Point of Switching	43
Frame	43
Frequency Shift.....	44
Host Central Office.....	44
Hub	44
Impedance Balance	45
Impulse Noise	45
Individual Case Basis.....	45
Initial Address Message.....	45
Inserted Connection Loss.....	45
Installation and Repair Technician	46
Interexchange Carrier (IC) or Interexchange Common Carrier.....	46
Intermediate Hub	46
Intermodulation Distortion	46
Intrastate Communications	46
Joint Tandem Switched Transport	46
Legal Holiday	47
Line Side Connection.....	47
Local Access and Transport Area (LATA).....	47
Local Area Network.....	47
Loss Deviation	47
Major Fraction Thereof.....	47

(N)

INTERSTATE DOMESTIC ACCESS SERVICES

TABLE OF CONTENTS (Cont'd)

		<u>Page No.</u>
2.	<u>GENERAL REGULATIONS (Cont'd)</u>	
2.17	<u>Definitions (Cont'd)</u>	
	Message	47
	Milliwatt (102 Type) Test Line.....	48
	Network Control Signaling	48
	Nonsynchronous Test Line	48
	North American Numbering Plan	48
	Off-hook	48
	On-hook	49
	Open Circuit Test Line	49
	Originating Direction	49
	Pay Telephone	49
	Payphone Service Provider	49
	Permanent Virtual Connection (PVC)	49
	Point of Termination.....	49
	Premises	49
	Release Message	50
	Remote Switching Modules/Systems	50
	Return Loss	50
	Registered Equipment.....	50
	Service Access Code.....	51
	Service Switching Point (SSP).....	51
	Serving Wire Center	51
	Seven Digit Manual Test Line	51
	Short Circuit Test Line	51
	Signal-To-C-Notched Noise Ratio.....	51
	Signaling Point (SP).....	51
	Signaling Point of Interface (SPOI)	52
	Signaling System 7 (SS7)	52
	Signaling Transfer Point (STP).....	52
	Signal Transfer Point (STP) Port	52
	Signaling Return Loss.....	52
	Special Order	52
	Standard PVC	52
	Subtending End Office of an Access Tandem	52
	Synchronous Test Line	53
	Tandem Switched Transport	53
	Terminating Direction.....	53
	Terminus Hub	53
	Throughput.....	53
	Toll Free Data Base Access Service	53
	Transmission Measuring (105 Type) Test Line/Responder.....	53
	Transmission Path.....	53
	Trunk.....	53
	Trunk Group	54
	Trunk Side Connection	54
	Two-Wire to Four-Wire Conversion	54
	V and H Coordinates Method	54
	WATS Serving Office	54
	Wireless Switching Center.....	54
	Wire Center.....	54
	Zones	54

(T)(M)

INTERSTATE DOMESTIC ACCESS SERVICES

2. GENERAL REGULATIONS (Cont'd)

2.17. Definitions

Certain terms used herein are defined as follows:

800 Series Service

800 Series Service is a generic term for access services associated with toll free numbers, which include 800, 888, 877, 866, 855, 844, 833 and 822.

(M)
—
(M)

Access Code

The term "Access Code", with the exception of Feature Group B (FGB) with an Abbreviated Dial Arrangement (ADA), denotes a uniform access code assigned by a Telephone Company to an individual Customer in the form of 10XXX or 101XXX X and 950-XXXX.

Access Minutes

For the purpose of calculating chargeable usage, the term "Access Minutes" denotes Customer usage of exchange facilities in the provision of Interstate or foreign service. On the originating end of an Interstate or foreign call, usage is measured from the time the originating end user's call is delivered by the Company to and acknowledged as received by the Customer's facilities connected with the originating exchange. On the terminating end of an Interstate or foreign call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an Interstate or foreign call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating exchanges, as applicable.

Access Tandem

The term "Access Tandem" denotes a Telephone Company or centralized equal access provider switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and a Customer designated premise.

Aggregator

The term "Aggregator" denotes any entity that, in the ordinary course of its operations, makes telephones available to the public or to transient users of its premises, for Interstate telephone calls using a provider of operator services.

INTERSTATE DOMESTIC ACCESS SERVICES**2. GENERAL REGULATIONS (Cont'd)****2.17. Definitions (Cont'd)****Installation and Repair Technician**

The term "Installation and Repair Technician" denotes a Company employee who performs installation and/or repair work, including testing and trouble isolation, outside of the Company Central Office and generally at the Customer designated premise.

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 (2) or more exchanges.

Intermediate Hub

A wire center at which bridging or multiplexing functions are performed only for Customers served by that wire center and wire centers that subtend the hub.

Intermodulation Distortion

The term "Intermodulation Distortion" denotes a measure of the nonlinearity of a channel. It is measured using four tones, and evaluating the ratios (in dB) of the transmitted composite four-tone signal power to the second-order products of the tones (R2), and the third-order products of the tones (R3).

Intrastate Communications

The term "Intrastate Communications" denotes any communications within a State subject to oversight by a state regulatory commission as provided by the laws of the State involved.

Joint Tandem Switched Transport

The term "Joint Tandem Switched Transport" denotes the rate element assessable for the transmission of originating toll free minutes. The rate element includes both the transport between the end office and the tandem switch and the tandem switching. It does not include transport of traffic over dedicated transport facilities between the serving wire center and the tandem switching office

(N)
|
(N)

INTERSTATE DOMESTIC ACCESS SERVICES**2. GENERAL REGULATIONS (Cont'd)****2.17. Definitions (Cont'd)****Synchronous Test Line**

The term "Synchronous Test Line" denotes an arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

Tandem Switched Transport

The term "Tandem Switched Transport" denotes transport from the serving wire center to the end office, or from the tandem to the end office, that is switched at a tandem.

Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from an IXC premise to an End User premise.

Terminus Hub

A wire center at which bridging or multiplexing functions are performed only for Customers served directly by the same wire center.

Throughput

The term "Throughput" denotes the number of data bits successfully transferred in one (1) direction per unit of time.

Toll Free Data Base Access Service

Toll Free Data Base Access Service is a generic term for data base access services associated with toll free numbers, which include 800, 888, 877, 866, 855, 844, 833 and 822.

Transmission Measuring (105 Type) Test Line/Responder

The term "Transmission Measuring (105 Type) Test Line/Responder" denotes an arrangement in an end office which provides far-end access to a responder and permits two (2) way loss and noise measurements to be made on trunks from a near end office.

Transmission Path

The term "Transmission Path" denotes an electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path is comprised of physical or derived facilities consisting of any form or configuration of plant typically used in the telecommunications industry.

Trunk

The term "Trunk" denotes a communications path connecting two (2) switching systems in a network, used in the establishment of an end-to-end connection.

INTERSTATE DOMESTIC ACCESS SERVICES**2. GENERAL REGULATIONS (Cont'd)****2.17. Definitions (Cont'd)**Trunk Group

The term "Trunk Group" denotes 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.

Trunk Side Connection

The term "Trunk Side Connection" denotes the connection of a transmission path to the trunk side of a local exchange switching system.

Two (2) Wire to Four (4) Wire Conversion

The term "Two (2) Wire to Four (4) Wire Conversion" denotes an arrangement which converts a four (4) wire transmission path to a two (2) wire transmission path to allow a four (4) wire facility to terminate in a two (2) wire entity (e.g., a central office switch).

V and H Coordinates Method

The term "V and H Coordinates Method" denotes a method of computing airline miles between two (2) points by utilizing an established formula which is based on the vertical and horizontal coordinates of the two (2) points.

WATS Serving Office

The term "WATS Serving Office" denotes a Telephone Company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS or WATS-type services.

Wireless Switching Center

The term "Wireless Switching Center" (WSC) denotes a Wireless Service Provider (WSP) switching system that is used to terminate wireless stations for purposes of interconnection to each other and to trunks interfacing with the public switched network.

Wire Center

The term "Wire Center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

Zones

The Company offers interstate domestic access services in locations where there are different incumbent local exchange access providers (ILEAP). For the purposes of this tariff those zones are defined as:

Alabama – Zone 1 = ILEAP is AT&T (f.k.a. BellSouth Telecommunications)

Alabama – Zone 2 = ILEAP is CenturyLink (f.k.a. CenturyTel)

Florida – Zone 1 = ILEAP is AT&T (f.k.a. BellSouth Telecommunications)

Florida – Zone 2 = ILEAP is Frontier Telephone Companies (f.k.a. Verizon Telecommunications)

For rates where no zone is specified, the tariffed rate will apply to all customers in that State.

(C)

(C)

INTERSTATE DOMESTIC ACCESS SERVICES**5. SWITCHED ACCESS SERVICES (Cont'd)****5.1 General (Cont'd)****5.1.3 Rate Categories (Cont'd)****A. Local Transport (Cont'd)****5. Switched Transport Services (Cont'd)**

In those instances where an SSP equipped end office is capable of handling 800 SAC traffic on a direct trunked basis but incapable of handling 888 SAC traffic on a direct trunked basis, a full credit will be provided for Tandem Switched Transport Charges associated with FGD service for 888 SAC traffic delivered at the tandem. This results in all 800 series traffic being rated as direct trunked transport regardless of whether the SSP equipped end office is capable of handling 888 SAC traffic on a direct trunked basis. For originating toll free minutes only, a Joint Tandem Switched Transport rate applies in lieu of the Tandem Switching, Tandem Switched Facility and Tandem Switched Termination rates and is only billed by the tandem company that performs the tandem switching function.

(C)
—
(C)

- (a) The Tandem Switching rate recovers a portion of the costs of switching traffic through an access tandem. The Tandem Switching rate is applied on a per access minute per tandem basis for all originating (excluding toll free) and all terminating minutes of use switched at the tandem. (C)
- (b) The Tandem Switched Facility rate recovers a portion of the costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits. The Tandem Switched Facility rate is applied on a per access minute per mile basis for all originating (excluding toll free) and terminating minutes of use routed over the facility. (C)
(C)
- (c) The Tandem Switched Termination rate recovers a portion of the costs of the circuit equipment that is necessary for the termination of each end of the tandem switched facility. The Tandem Switched Termination rate is applied on a per access minute basis for all originating (excluding toll free) and terminating minutes of use routed over the facility at each end of each measured segment of tandem switched facility (e.g., at the end office, host office, tandem, and serving wire center). (C)

INTERSTATE DOMESTIC ACCESS SERVICES

5. SWITCHED ACCESS SERVICES (Cont'd)

(N)

5.2 General (Cont'd)

5.1.4 Rate Categories (Cont'd)

A. Local Transport (Cont'd)

5. Switched Transport Services (Cont'd)

- (d) The Joint Tandem Switched Transport rate is applied on a per originating toll free access minute per tandem basis in lieu of the Tandem Switching, Tandem Switched Facility, and Tandem Switched Termination rates and is only billed by the tandem company that performs the tandem switching function.

(N)

INTERSTATE DOMESTIC ACCESS SERVICES**5. SWITCHED ACCESS SERVICES (Cont'd)****5.1 General (Cont'd)****5.1.3 Rate Categories (Cont'd)****A. Local Transport (Cont'd)****6. Interface Groups**

The Company will provide interface groups for terminating the entrance facility at the Customer's designated premise. The Company will attempt to meet any standard interface group protocol, limited by the technical availability.

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 includes the Local Switching and Information Surcharge rate elements. For originating toll free minutes only, a different rate is specified in Section 16, following, for Local Switching and Information Surcharge rates.

(C)
(C)
(C)

1. Local Switching

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 terminations of calls at the Company intercept operators or recordings. Where end offices are appropriately equipped, international dialing may be provided as a capability which provides local dial switching for Feature Group D. 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.

2. Shared Trunk Port

The Shared Trunk Port provides for the termination of a Tandem-Switched Trunk at an end office. The Shared Trunk Port is usage rated and shall be assessed to all access minutes which utilize Tandem-Switched Transport. This includes minutes of use associated with FGA service when traffic is terminated in an end office that is not the dial tone office and on minutes of use provided at a remote office.

3. Information Surcharge

Information Surcharge rates are assessed to a Customer based on the total number of access minutes.

INTERSTATE DOMESTIC ACCESS SERVICES**5. SWITCHED ACCESS SERVICES (Cont'd)****5.1 General (Cont'd)****5.1.3 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. Operator Transfer Services

Operator Transfer Service may be provided with Feature Group D Switched Access Service at Company designated operator services location. Operator Transfer Service is an originating service. The rate is assessed per zero minus (0-) call transferred to a Customer's operator. A zero minus (0-) call is considered transferred when the Company operator activates the switch transferring the call to the designated Customer and the Customer acknowledges receipt.

In addition to the Operator Transfer Service Charge described above and in Section 5.4.5, Feature Group D Switched Access Service rates and charges as set forth in Section 5.4.1 and Carrier Common Line Charges will apply per minute of use for Operator Transfer Service. Operator Transfer Service Charges, provided for in this Tariff, are applied only to those calls actually transferred by the Company to the Customer's operator.

2. Toll Free Data Base Access Service**(T)**

Toll Free Data Base Access Service is provided to all Customers in conjunction with FGD Switched Access Service. When a 1+800+XXX-XXXX call is originated by an end user, the Company will utilize the Signaling System 7 (SS7) network to query an 800 series data base to identify the Customer to whom the call will be delivered and provide vertical features based on the dialed ten (10) digits. The call will then be routed to the identified customer over FGD switched access.

(T)

INTERSTATE DOMESTIC ACCESS SERVICES

5. SWITCHED ACCESS SERVICES (Cont'd)

5.1 General (Cont'd)

5.1.3 Rate Categories (Cont'd)

2. Toll Free Data Base Access Service (Cont'd)

(T)

A Basic or Vertical Feature Query Charge is assessed for each query launched to the data base which identifies the Customer to whom the call will be delivered. The basic query provides the identification of the Customer to whom the call will be delivered and includes area of service routing which allows routing of 800 series type calls by company to different interexchange carriers based on the LATA in which the call originates. The vertical feature query provides the same Customer identification as the basic query and may include, 1) call validation, (ensuring that calls originate from subscribed service areas); 2) POTS translation of 800 series numbers; 3) alternate POTS translation (which allows subscribers to vary the routing of 800 series type calls based on factors such as time of day, place or origination of the call, etc.); and 4) multiple Carrier routing (which allows subscribers to route to different Carriers).

The description and application of this charge is set forth in Section 5.4.1 following.

5.1.4 Special Facilities Routing

Any Customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations for special facilities routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in Section 8 following.

INTERSTATE DOMESTIC ACCESS SERVICES**5. SWITCHED ACCESS SERVICES (Cont'd)****5.4 Rate Regulations (Cont'd)****5.4.1 Description and Application of Rate (Cont'd)****C. Application of Rates (Cont'd)****4. Toll Free Data Base Access Service (T)**

A Basic Query or Vertical Feature Query Charge applies for each query that is launched to an 800 series data base and identifies the Customer to whom the call will be delivered. Query Charges will only be applied by those companies whose wire centers can perform such queries.

When FG D Switched Access Service is used for the provision of Toll Free Data Base Access Service and the total minutes of use and/or count of queries can be determined for each Customer at a tandem or SSP but can not be determined by individual end offices, an allocation method will be utilized to determine minutes of use and/or queries by end office and Customer. For each end office a ratio will be developed and applied against the total minutes of use and/or count of queries for a given Customer as determined by the tandem or SSP. These ratios will be developed by dividing the unidentified originating 800 series type minutes of use at an end office by the total unidentified originating minutes of use in all end offices subtending the tandem or SSP. (T)

5. Shared Transport

Shared transport refers to a rate application that is applicable only when the Customer orders high capacity direct trunked transport between a serving wire center and a Company hub where the Company performs multiplexing/de-multiplexing functions and the same Customer then orders the derived channels as direct trunked transport and tandem switched transport.

Except as noted above, the Switched Access Service will be ordered, provided and rated as direct trunked transport. As each derived channel is activated for tandem switched transport, the High Capacity Direct Trunked Transport and Multiplexing Charges will be reduced accordingly. Tandem Switched Transport rates and charges will apply for each channel that is used to provide the tandem switched transport.

INTERSTATE DOMESTIC ACCESS SERVICES**5. SWITCHED ACCESS SERVICES (Cont'd)****5.4 Rate Regulations (Cont'd)****5.4.5 Chargeable Optional Features (Cont'd)****C. Toll Free Data Base Access Service**

(T)

Toll Free Data Base Access Service is provided with FGD Switched Access Service. When a call using a toll free service access code (SAC) (e.g., 1+800 or 888+XXX-XXXX) is originated by an end user, the Company will utilize the Signaling System 7 (SS7) network to query an 800 series service data base to perform the identification function. The call will then be routed to the identified Customer over FGD switched access trunking. If the originating company transmits the results of the query, it will assess the query charge per call. However, when the originating company is unable to do so, the next company in the call path that is able to launch and transmit the results of the query will assess the query charge. Only one query charge per call may be assessed.

(T)

(C)

(C)

The manner in which Toll Free 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 below.

(T)

If Toll Free Data Base Access Service originates at an end office equipped with Service Switching Point (SSP) capability for querying centralized data bases or at a non-SSP equipped end office that can accommodate direct trunking of originating 800 series service type calls, all such service will be provisioned from that end office. If the end office is not equipped with the 888 SAC SSP capability the Customer must order tandem switched transport trunking to receive such traffic until the 888 SAC SSP capability becomes available.

(T)

If Toll Free Data Base Access Service originates at an end office not equipped with SSP Customer identification capability the 800 series service type call will be delivered to the access tandem on which the end office is homed and which is equipped with the SSP feature to query centralized data bases.

(T)

Query charges are in addition to those charges applicable for the FGD Switched Access Service.

INTERSTATE DOMESTIC ACCESS SERVICES

16. RATES AND CHARGES

16.1 Common Line Access Service

16.1.1 Carrier Common Line Access Service

Premium Access

Terminating Per Access Minute

Alabama – Zone 1	*
Alabama – Zone 2	**
Florida – Zone 1	*
Florida – Zone 2	***
Georgia	*
South Carolina	*
Tennessee	*

Originating Per Access Minute, Non-Toll Free (C)		Originating Per Access Minute, Toll Free Only (N)	
Alabama – Zone 1	\$0.0000000	Alabama – Zone 1	\$0.0000000
Alabama – Zone 2	\$0.0000000	Alabama – Zone 2	\$0.0000000
Florida – Zone 1	\$0.0000000	Florida – Zone 1	\$0.0000000
Florida – Zone 2	\$0.0000000	Florida – Zone 2	\$0.0000000
Georgia	\$0.0000000	Georgia	\$0.0000000
South Carolina	\$0.0000000	South Carolina	\$0.0000000
Tennessee	\$0.0000000	Tennessee	\$0.0000000

16.2 Switched Access Service

16.2.1 Non-recurring Charges

Rate

A. Local Transport - Installation Per Entrance Facility

First

	Voice Grade Two Wire	\$161.00	Voice
Grade Four Wire	\$161.00		High Capacity
DS1	\$181.00		High Capacity
DS3	\$499.00		

B. FGD Conversion of Multifrequency Address Signaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling

Per 24 Trunks Converted
or Fraction thereof on
a Per Order Basis

\$ 260.00

*terminating rates concur in the Bellsouth Telecommunications, Inc. Tariff No. 1 Section 6

**terminating rates concur in the Centurylink Operating Companies FCC Tariff No. 2 Section 4

***terminating rates concur in the Frontier Telephone Companies FCC Tariff No. 14 Section 4

Issued: July 20, 2021

Effective: July 21, 2021

(C)

INTERSTATE DOMESTIC ACCESS SERVICES**16. RATES AND CHARGES (Cont'd)****16.2 Switched Access Service (Cont'd)****16.2.2 Local Transport (Cont'd)**

D. Multiplexing
Per Arrangement
DS3 to DS1
DS1 to Voice

\$ 474.31
\$ 183.12

E. Tandem Switched Transport Tandem Switched Facility****
Per Access Minute Per Mile

(C)

	<u>Originating</u>	<u>Terminating</u>
Alabama – Zone 1	\$0.0000200	*
Alabama – Zone 2	\$0.0000121	**
Florida – Zone 1	\$0.0000200	*
Florida – Zone 2	\$0.0000020	***
Georgia	\$0.0000200	*
South Carolina	\$0.0000200	*
Tennessee	\$0.0000200	*

F. Tandem Switched Termination****
Per Access Minute Per Termination

(C)

	<u>Originating</u>	<u>Terminating</u>
Alabama – Zone 1	\$0.0001680	*
Alabama – Zone 2	\$0.0000349	**
Florida – Zone 1	\$0.0001680	*
Florida – Zone 2	\$0.0000000	***
Georgia	\$0.0001680	*
South Carolina	\$0.0001680	*
Tennessee	\$0.0001680	*

*terminating rates concur in the Bellsouth Telecommunications, Inc. Tariff No. 1 Section 6

**terminating rates concur in the Centurylink Operating Companies FCC Tariff No. 2 Section 4

***terminating rates concur in the Frontier Telephone Companies FCC Tariff No. 14 Section 4

****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.

(C)
(N)
(N)

Issued: July 20, 2021

Effective: July 21, 2021

INTERSTATE DOMESTIC ACCESS SERVICES**16. RATES AND CHARGES (Cont'd)****16.2 Switched Access Service (Cont'd)****16.2.2 Local Transport (Cont'd)**

G.	<u>Tandem Switching****</u> Per Access Minute Per Tandem	(C)																								
	<table> <tr> <th></th><th><u>Originating</u></th><th><u>Terminating</u></th></tr> <tr> <td>Alabama – Zone 1</td><td>\$0.0011450</td><td>*</td></tr> <tr> <td>Alabama – Zone 2</td><td>\$0.0003558</td><td>**</td></tr> <tr> <td>Florida – Zone 1</td><td>\$0.0011450</td><td>*</td></tr> <tr> <td>Florida – Zone 2</td><td>\$0.0015740</td><td>***</td></tr> <tr> <td>Georgia</td><td>\$0.0011450</td><td>*</td></tr> <tr> <td>South Carolina</td><td>\$0.0011450</td><td>*</td></tr> <tr> <td>Tennessee</td><td>\$0.0011450</td><td>*</td></tr> </table>		<u>Originating</u>	<u>Terminating</u>	Alabama – Zone 1	\$0.0011450	*	Alabama – Zone 2	\$0.0003558	**	Florida – Zone 1	\$0.0011450	*	Florida – Zone 2	\$0.0015740	***	Georgia	\$0.0011450	*	South Carolina	\$0.0011450	*	Tennessee	\$0.0011450	*	
	<u>Originating</u>	<u>Terminating</u>																								
Alabama – Zone 1	\$0.0011450	*																								
Alabama – Zone 2	\$0.0003558	**																								
Florida – Zone 1	\$0.0011450	*																								
Florida – Zone 2	\$0.0015740	***																								
Georgia	\$0.0011450	*																								
South Carolina	\$0.0011450	*																								
Tennessee	\$0.0011450	*																								
H.	<u>Joint Tandem Switched Transport****</u> Per Originating Toll Free Only Access Minute Per Tandem	(N) (N) (N)																								
I.	<u>Transport Interconnection Charge</u> Per Access Minutes used:	\$ 0.000000 (T)																								

*terminating rates concur in the Bellsouth Telecommunications, Inc. Tariff No. 1 Section 6

**terminating rates concur in the Centurylink Operating Companies FCC Tariff No. 2 Section 4

***terminating rates concur in the Frontier Telephone Companies FCC Tariff No. 14 Section 4

****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.

Issued: July 20, 2021

Effective: July 21, 2021

INTERSTATE DOMESTIC ACCESS SERVICES

16. RATES AND CHARGES (Cont'd)

16.2 Switched Access Service (Cont'd)

16.2.2 Local Transport (Cont'd)

I. <u>Signaling Network Access Link</u>	<u>Rate</u>
Signaling Mileage Facility per mile	\$ 3.96
Signaling Mileage Termination per Termination	\$ 39.79
Signaling Entrance Facility Per Facility	\$ 64.75
Signaling Entrance Facility per Facility	\$ 177.00
STP Port per port	\$ 455.00

J. Toll Free Data Base Access Service Queries

(T)

Per Query		
Basic		
Alabama – Zone 1	* (C)	*
Alabama – Zone 2	**	**
Florida – Zone 1	*	*
Florida – Zone 2	***	***
Georgia	*	*
South Carolina	*	*
Tennessee	* (C)	*

*originating and terminating rates concur in the Bellsouth Telecommunications, Inc. Tariff No. 1 Section 6

**originating and terminating rates concur in the Centurylink Operating Companies FCC Tariff No. 2 Section 4

***originating and terminating rates concur in the Frontier Telephone Companies. FCC Tariff No. 14 Section 4

(C)

(C)

(C)

Issued: July 20, 2021

Effective: July 21, 2021

INTERSTATE DOMESTIC ACCESS SERVICES

16. RATES AND CHARGES (Cont'd)

16.2 Switched Access Service (Cont'd)

16.2.2 Local Transport (Cont'd)

J. Toll Free Data Base Access Service Queries (Cont'd)

(T)

Vertical	<u>Originating</u>	<u>Terminating</u>
Alabama – Zone 1	* (C)	*
Alabama – Zone 2	**	**
Florida – Zone 1	*	*
Florida – Zone 2	***	***
Georgia	*	*
South Carolina	*	*
Tennessee	* (C)	*

*originating and terminating rates concur in the Bellsouth Telecommunications, Inc. Tariff No. 1 Section 6

**originating and terminating rates concur in the Centurylink Operating Companies FCC Tariff No. 2 Section 4

***originating and terminating rates concur in the Frontier Telephone Companies FCC Tariff No. 14 Section 4

(C)
(C)
(C)

Issued: July 20, 2021

Effective: July 21, 2021

INTERSTATE DOMESTIC ACCESS SERVICES

16. RATES AND CHARGES (Cont'd)

16.2 Switched Access Service (Cont'd)

16.2.3 End Office

	Originating Non-Toll Free	Originating Toll Free Only	(N)	Terminating (C)
A. <u>Local Switching</u>				
Alabama – Zone 1	\$0.0020890	*		*
Alabama – Zone 2	\$0.0016401	**		**
Florida – Zone 1	\$0.0020890	*		*
Florida – Zone 2	\$0.0020995	***		***
Georgia (Globe Telecom.)	\$0.002126	*		*
Georgia (all other)	\$0.0020890	*		*
South Carolina	\$0.0020890	*		*
Tennessee	\$0.0020890	*	(N)	*
B. <u>Shared Trunk Port</u>				
Alabama	\$0.0003893	*	(N)	*
Florida	\$0.0000000	*		*
Georgia	\$0.0000000	*		*
South Carolina	\$0.0000000	*		*
Tennessee	\$0.0000000	*	(N)	*
C. <u>Information Surcharge</u>				
Alabama	\$0.0000000	*	(N)	*
Florida	\$0.0000000	*		*
Georgia	\$0.0000000	*		*
South Carolina	\$0.0000000	*		*
Tennessee	\$0.0000000	*	(N)	*

16.2.4 Operator Transfer Service

	<u>Rate</u>
Per Call Transferred	\$ 0.4588

*originating toll free only and terminating rates concur in the Bellsouth Telecommunications, Inc. Tariff No. 1 Section 6

**originating toll free only and terminating rates concur in the Centurylink Operating Companies FCC Tariff No. 2 Section 4

***originating toll free only and terminating rates concur in the Frontier Telephone Companies FCC Tariff No. 14 Section 4

Issued: July 20, 2021

Effective: July 21, 2021