

ACCESS SERVICE

ISSUING CARRIER

NAME OF COMPANY

Smart City Telecommunications LLC
3100 Bonnet Creek Road
P.O. Box 22555
Lake Buena Vista, Florida 32830-2555

PREVIOUS TARIFF CANCELLED

BellSouth Telecommunications, Inc. Florida

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ACCESS SERVICE**CHECK SHEET**

Title Page 1 to 17-13 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.

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0-2	First*	2-19	Original	2-70	First*
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0-4	Original	2-21	Original	2-72	Original
0-5	Original	2-22	Original	2-73	Original
0-6	Original	2-23	Original	2-74	Original
0-7	Original	2-24	Original	2-75	Original
0-8	Original	2-25	Original	2-76	Original
0-9	Original	2-26	Original	2-77	Original
0-10	Original	2-27	Original	2-78	Original
0-11	Original	2-28	Original	2-79	Original
0-12	Original	2-29	Original	2-80	Original
0-13	Original	2-30	Original	2-81	Original
0-14	Original	2-31	Original	2-82	Original
0-15	Original	2-32	Original	2-83	First*
0-16	Original	2-33	Original	2-84	Original
0-17	Original	2-34	Original	2-85	Original
0-18	Original	2-35	Original	2-86	Original
0-19	Original	2-36	Original	2-87	Original
0-20	Original	2-37	Original	2-88	Original
0-21	First	2-38	Original	2-89	Original
0-22	Original	2-39	Original	2-90	Original
0-23	Original	2-40	Original	2-91	Original
0-24	Original	2-41	Original	2-92	First*
0-25	Original	2-42	Original	2-93	Original
0-26	Original	2-43	Original	2-94	Original
0-27	Original	2-44	Original	2-95	Original
0-28	Original	2-45	Original	2-96	Original
0-29	Original	2-46	Original	2-97	Original
0-30	Original	2-47	Original	2-98	Original
0-31	Original	2-48	Original	2-99	Original
1-1	First*	2-49	Original	2-100	Original
2-1	Original	2-50	Original	2-101	Original
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2-3	Original	2-52	Original	3-2	Original
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2-7	Original	2-56	Original		
2-8	Original	2-57	Original		
2-9	Original	2-58	Original		
2-10	Original	2-59	Original		
2-11	Original	2-60	Original		
2-12	Original	2-61	Original		
2-13	Original	2-62	Original		
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5-3	Original	6-39	Original	6-90	Original
5-4	Original	6-40	Original	6-91	Original
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5-7	Original	6-43	Original	6-94	Original
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5-9	Original	6-45	Original	6-96	Original
5-10	Original	6-46	Original	6-97	Original
5-11	Original	6-47	First*	6-98	Original
5-12	Original	6-48	First*	6-99	Original
5-13	Original	6-49	First*	6-100	Original
5-14	Original	6-50	Original	6-101	Original
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5-17	Original	6-53	First*	6-104	Original
5-18	Original	6-54	Original	6-105	Original
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6-3	Original	6-57	Original		
6-4	Original	6-58	Original		
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6-12	Original	6-66	Original		
6-13	Original	6-67	Original		
6-14	First*	6-68	Original		
6-15	First*	6-69	Original		
6-16	Original	6-70	Original		
6-17	Original	6-71	Original		
6-18	First*	6-72	Original		
6-19	Original	6-73	Original		
6-20	Original	6-74	Original		
6-21	Original	6-75	Original		
6-22	First*	6-76	Original		
6-23	Original	6-77	Original		
6-24	First*	6-78	Original		
6-25	Original	6-79	Original		
6-26	Original	6-80	Original		
6-27	First*	6-81	Original		
6-28	Original	6-82	Original		
6-29	Original	6-83	Original		
6-30	Original	6-84	Original		
6-31	First*	6-85	Original		
6-32	Original	6-86	Original		
6-33	Original				
6-34	Original				
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9-1	Original	15-4	Original		
10-1	Original	15-5	Original		
11-1	Original	15-6	Original		
11-2	Original	15-7	Original		
12-1	Original	15-8	Original		
12-2	Original	15-9	Original		
12-3	Original	15-10	Original		
12-4	Original	15-11	Original		
12-5	Original	15-12	Original		
12-6	Original	15-13	Original		
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13-1	Original	15-15	Original		
13-2	Original	15-16	Original		
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13-5	Original	17-2	First		
13-6	Original	17-3	Second*		
13-7	Original	17-4	Second*		
13-8	Original	17-5	Second*		
13-9	Original	17-6	Original		
13-10	Original	17-7	Original		
13-11	Original	17-8	Original		
13-12	Original	17-9	Original		
13-13	Original	17-10	Original		
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ACCESS SERVICE

1. Application of Tariff

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of Carrier Common Line, Switched Access, and other miscellaneous services, hereinafter referred to collectively as service(s). These services are provided to customers by the Issuing Carriers of this tariff, hereinafter the Telephone Company. This tariff also contains Access Ordering regulations and charges that are applicable when these services are ordered or modified by the customer.
- 1.2 The provision of such services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the customer for the furnishing of any service.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Coordination with Respect to Network Contingencies

The customer shall, in cooperation with the Telephone Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

2.3.11 Jurisdictional Report and Certification Requirements

(A) Jurisdictional Reports - Switched Access

For Switched Access Service, the Telephone Company cannot in all cases determine the jurisdictional nature of customer traffic and its related access minutes. In such cases the customer may be called upon to provide a projected estimate of its traffic, split between the intrastate and interstate jurisdictions. For purposes of determining the jurisdiction of Switched Access Services, the regulations set forth in (1) through (4), below, apply.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 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.

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Access Code

The term "Access Code", denotes a uniform access code assigned by the Telephone Company to an individual customer in the form of 10XXX or 101XXX X and 950-XXXX.

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Access Minutes

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

Access Order

An Access Order is an order to provide the customer with Switched and Special Access and Public Packet Data Network or Access Related Service or to provide changes to existing services. 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.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

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, as specified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

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).

Internet Protocol (IP)

Internet Protocol (IP) is designed for use in interconnected systems of packet-switched compute communication networks. The internet protocol provides for transmitting blocks of data called datagrams from sources to destinations, where sources and destinations are hosts identified by fixed length addresses. The internet protocol also provides for fragmentation and reassemble of long datagrams, if necessary, for transmission through "small packet" networks. Use of IP for transmission by services provided under this tariff must comport with technical standards recognized in Request for Comments (RFC) 791, Internet Protocol, Defense Advanced Research Projects Agency (DARPA) Internet Program Protocol Specification, September 1981 or successor technical references indicated in this tariff.

Internet Protocol (IP) Signaling

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

Interstate Communications

The term "Interstate Communications" denotes both interstate and foreign communications.

Intrastate Communications

The term "Intrastate Communications" denotes any communications 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.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

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 a Customer's premises to an End User Premises.

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 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.

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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.

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-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.

ACCESS SERVICE5. Access Ordering (Cont'd)5.2 Ordering Requirements (Cont'd)5.2.1 Switched Access Service (Cont'd)(A) Feature Group C, Feature Group D, Operator Transfer Service and SS7 Signaling (Cont'd)

Customers may, at their option, order FGD by specifying the number of trunks desired between customer designated premises and an end office, access tandem or operator services location. When ordering by trunk quantities rather than BHMC quantities to an access tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project further facility requirements.

(B) SS7 Optional Feature

When Feature Group C or D is ordered with the SS7 optional feature, in addition to information listed in Section 5.2.1(C) preceding, the customer shall specify a reference to existing signaling connections or reference a related SS7 signaling connection order. When ordering SS7 signaling, the customer shall provide the Signaling Transfer Point codes, location identifier codes and circuit identifier codes. In addition, the customer shall work cooperatively with the Telephone Company to determine the number of SS7 signaling connections required to handle its signaling traffic.

For Toll Free Database Access Service, as described in Section 6.1.3 following, the customer must order FGC or FGD to those access tandems or end offices designated as Service Switching Points (SSP) for Toll Free Database Access Service or to those non-SSP equipped end offices that can accommodate direct trunking of originating 800 calls. SSP equipped end offices and access tandems and non-SSP equipped end offices that can accommodate direct trunking of originating 800 calls are designated in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION. All traffic originating from end offices not equipped to provide SS7 signaling and routing or not able to accommodate direct trunking of originating 800 calls require routing via an access tandem where SSP functionality is available.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

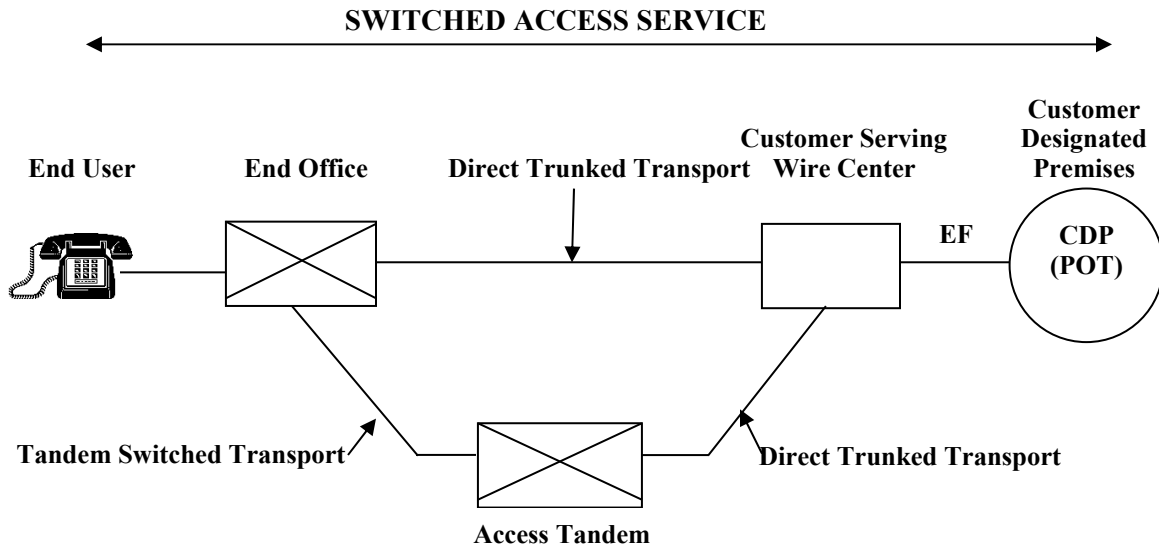
6.1 General (Cont'd)

6.1.3 Rate Categories

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

- Local Transport (described in Section 6.1.3(B) and (C) following) (T)
- End Office (described in Section 6.1.3(E) following) (T)
- Chargeable Optional Features (described in Section 6.1.3(F) following) (T)
- Common Line (described in Section 3 preceding)

The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.



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|---------------------------|--------------------------------|-----|
| ← EO | LOCAL TRANSPORT → | |
| EO – End Office Elements* | | |
| | Tandem Switched Transport* | (C) |
| | - Tandem Switched Facility* | |
| | - Tandem Switched Termination* | (C) |
| | - Tandem Switching* | |
| | Direct Trunked Transport | |
| | - Direct Trunked Facility | |
| | - Direct Trunked Termination | |
| | EF – Entrance Facility | |

*As of July 1, 2021, for originating toll free minutes only, end office rate elements (i.e., Local Switching and Information Surcharge) are listed in Section 17, following, and the Joint Tandem Switched Transport rate element in Section 17. following, is applied per tandem as set forth in Section 6.1.3(C), following, in lieu of the Tandem Switched Facility, Tandem Switched Termination, Tandem Switching, Residual Interconnection Charge and MABC Interconnection rate elements as of July 1, 2021. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Local Transport-LTR (Cont'd)

(2) Direct Trunked Transport (Cont'd)

The Direct Trunked Facility rate covers the transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits.

The Direct Trunked Termination rate specified in Section 17 following covers the costs of the circuit equipment that is necessary for the termination of each end of the Direct Trunked Facility.

(3) Tandem Switched Transport

The Tandem Switched Transport rate elements recover tandem switching costs and a portion of the costs associated with the communications path between a tandem and an end office on circuits that are switched at a tandem switch, or between a host and a remote switch.

Tandem Switched Transport rates consist of a Tandem Switching rate, a Tandem Switched Facility rate, and a Tandem Switched Termination rate. For originating toll free minutes only, a Joint Tandem Switched Transport rate applies in lieu of the Tandem Switching, Tandem Switched Facility, Tandem Switched Termination, Residual Interconnection Charge and MABC Interconnection rates and is only billed by the tandem company that performs the tandem switching function. The Tandem Switching rate is applicable at the Tandem, when a customer orders Direct Trunk Transport to the tandem and Tandem Switched Transport from the tandem to the end office.

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 (C)

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 FGC and 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. Those SSP equipped end offices that cannot accommodate direct trunking of originating 888 SAC traffic are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Local Transport-LTR (Cont'd)

(3) Tandem Switched Transport (Cont'd)

- (a) The Tandem Switching rate recovers a portion of the costs of switching traffic through an access tandem. The Tandem Switching rate specified in Section 17 following 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. Tandem locations are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, WIRE CENTER INFORMATION. (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 specified in Section 17 following 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) 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 specified in Section 17 following 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, dial tone office, host office, tandem, and serving wire center associated with a customer designated premise). When the Tandem switched Facility mileage is zero, neither the Tandem Switched Facility rate nor the Tandem Switched Termination rate will apply. (C)
- (d) The Joint Tandem Switched Transport rate specified in Section 17, following, is applied on a per originating toll free access minute per tandem basis in lieu of the Tandem Switching, Tandem Switched Facility, Tandem Switched Termination, Residual Interconnection Charge and MABC Interconnection rates and is only billed by the tandem company that performs the tandem switching function. (N)

ACCESS SERVICE6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(C) Local Transport-LTR (Cont'd)(7) Chargeable Optional Features

Common Channel Signaling, Signaling System 7 (CCS/SS7) Network Connection (CCSNC) Service provides a signaling path between a customer's designated Signaling Point of Interface (SPOI) and a Telephone Company's Signaling Transfer Point (STP).

Toll Free Database Access Service is provided to all customers in conjunction with FGC and FGD switched access service. A Basic or Vertical Feature Query charge, as set forth in Section 17 following, is assessed for each query launched to the toll free database. The query is considered completed when the appropriate call routing information is returned to the Service Switching Point (SSP) that launched the query and the results are transmitted to the next company in the call path. 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. 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 telephone companies to different interexchange carriers based on the Local Access Transport Area (LATA) in which the call originates. The Vertical Feature Query provides this same customer identification function in addition to vertical features which may include: (1) call validation (ensuring that calls originate from subscribed service areas); (2) POTS translation of 800 series numbers (which is generally necessary for the routing of 800 series type calls); (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 of origination of the call, etc.); and (4) multiple carrier routing (which allows subscribers to route to different carriers based on factors similar to those in (3) above).

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(8) 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.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(E) End Office

(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, the terminations of calls at Telephone Company Intercept Operators or recordings, the STP costs, and the SS7 signaling function between the end office and the Signaling Transfer Point.

Local Switching does not apply to Feature Group D Switched Access Services associated with Wireless Switching Centers (WSCs) directly interconnected to a Telephone Company access tandem office.

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with Local Switching which provides local dial switching for Feature Groups C and 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 FGC or FGD equipped end office.

Rates for Local Switching are set forth in Section 17 following. For originating toll free minutes only, a different local switching rate is specified in Section 17 following. The application of these rates with respect to individual Feature Groups is as set forth in Section 6.4.1(C).

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There are four types of functions included in the Local Switching rate element: Common Switching, Transport Termination, Line Termination and Intercept. These are described in (a) through (d) following.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(E) End Office (Cont'd)

(1) Local Switching (Cont'd)

(b) Line Termination (Cont'd)

In addition, there are various types of originating and terminating line side terminations depending on the type of signaling associated with the Dedicated Access Lines Service. Line side terminations are available with either dial pulse or dual tone multifrequency address signaling

Line Termination rates are applied on an access minutes basis, with no difference in rates for the various types of terminations.

(c) Intercept

The Intercept function provides for the termination of a call at a Telephone Company Intercept operator or recording. The operator or recording tells a caller why a call, as dialed, could not be completed, and if possible, provides the correct number.

(2) Information Surcharge

Information Surcharge rates are assessed to a customer based on the total number of access minutes. Information Surcharge rates are as set forth in Section 17 following. For originating toll free minutes only, a different information surcharge rate is specified in Section 17 following. The application of these rates with respect to individual Feature Groups is as set forth in Section 6.4.1(C) following.

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The Information Surcharge does not apply to Feature Group D Switched Access Services associated with Wireless Switching Centers (WSCs) directly interconnected to a Telephone Company access tandem office.

ACCESS SERVICE6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(F) Chargeable Optional Features (Cont'd)(3) Toll Free Database Access Service

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Toll Free Database Access Service is provided to all customers in conjunction with FGC and FGD switched access service. When a 1+800+NXX-XXXX call is originated by an end user, the Telephone 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 digits. The call will then be routed to the identified customer over FGC or FGD switched access. The query is considered completed when the appropriate call routing information is returned to the Service Switching Point (SSP) that launched the query and the results are transmitted to the next company in the call path. 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.

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(C)

A Basic or Vertical Feature Query charge, as set forth in Section 17 following, 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 telephone companies to different inter-exchange carriers based on the Local Access Transport Area (LATA) in which the call originates. The Vertical Feature Query provides the same customer identification as the basic query and vertical features which 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 based on factors similar to those in (3).

The description and application of this charge with respect to Feature Group C or Feature Group D is as set forth in Section 6.4.1(c) following.

ACCESS SERVICE6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.6 VoIP-PSTN Traffic (Cont'd)

The customer shall deliver all Toll VoIP-PSTN traffic on its facilities that deliver other voice access traffic. Toll VoIP-PSTN traffic shall not be delivered on local trunk groups.

Specifically, this section establishes the method of separating Toll VoIP-PSTN Traffic from the customer's traditional intrastate access traffic, so that Toll VoIP-PSTN Traffic can be billed in accordance with the F.C.C. Order.

Toll VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to the Telephone Company's applicable tariffed interstate switched access rates as set forth in the John Staurulakis, Inc. Tariff F.C.C. No. 1. If the F.C.C. Order is stayed or overturned, Toll VoIP-PSTN Traffic that is jurisdictionally intrastate will be billed at rates under this tariff. The addition of this Section is to comply with the F.C.C. Order.

(C)

(C)

Calculation and Application of Percent-VoIP- Usage Factors

- (A) The Telephone Company will determine the number of intrastate Toll VoIP-PSTN Traffic minutes of use (MOU) to which interstate rates will be applied under B, preceding, by applying an originating Percent Toll VoIP-PSTN Usage (PVU) factor to the total intrastate access MOU originated by a Telephone Company end user and delivered to the customer and by applying a terminating PVU factor to the total intrastate access MOU terminated by a customer to the Telephone Company's end user.
- (B) The customer will calculate and furnish to the Telephone Company an originating PVU factor representing the whole number percentage of the customer's total originating intrastate access MOU that the customer exchanges with the Telephone Company in the state that is received from the Telephone Company and that is terminated in IP format and that would be billed by the Telephone Company as intrastate access MOU at rates equal to interstate rates. When the FCC rules allow, originating VoIP-PSTN traffic shall be billed at intrastate access rates.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.8 PVU Factor Verification (Cont'd)

- (E) The customer will calculate and furnish to the Telephone Company an originating PVU factor representing the whole number percentage of the customer's total originating intrastate access MOU that the customer exchanges with the Telephone Company in the state that is sent to Telephone Company and which terminated in IP format and that would be billed by the Telephone Company as intrastate access MOU charged at rates equal to interstate rates.
- (F) The customer will calculate and furnish to the Telephone Company a terminating PVU factor representing the whole number percentage of the customer's total terminating intrastate access MOU that the customer exchanges with the Telephone Company in the state that is sent to Telephone Company and which originated in IP format and that would be billed by the Telephone Company as intrastate access MOU charged at rates equal to interstate rates.

6.1.9 Rate Regulation-VoIP-PSTN Traffic

Toll VoIP-PSTN Traffic identified in accordance with this tariff will be billed at rates equal to the Telephone Company's applicable tariffed interstate switched access rates as specified in the JSI Tariff No.1 Section 17.2.

(C)

ACCESS SERVICE6. Switched Access Service (Cont'd)6.4 Rate Regulations (Cont'd)6.4.1 Description and Application of Rates and Charges (Cont'd)(C) Application of Rates (Cont'd)(1) Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection Service

The CCS/SS7 Network Connection is comprised of a Signaling Mileage Facility charge, a Signaling Mileage Termination charge, a Signaling Entrance Facility charge, and a Signaling Transfer Point (STP) Port charge.

The Signaling Mileage Facility charge is assessed on a per facility per mile basis. The Signaling Mileage Termination charge is assessed on a per termination basis (i.e., at each end of the Signaling Mileage Facility). When the Signaling Mileage Facility mileage measurement is zero, Signaling Mileage Termination charges do not apply.

The Signaling Entrance Facility charge is assessed on a per facility basis for the connection between the customer's designated premises (Signaling Point of Interface) and the serving wire center of that premises.

The STP Port charge is assessed on a per port basis for each termination of a Signaling Mileage Facility at an STP.

(2) Toll Free Database 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, as set forth in Section 17, will only be applied by those companies whose wire centers are identified as assessing query charges in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

ACCESS SERVICE6. Switched Access Service (Cont'd)6.4 Rate Regulations (Cont'd)6.4.1 Description and Application of Rates and Charges (Cont'd)(C) Application of Rates (Cont'd)(2) Toll Free Database Access Service (Cont'd) (T)

When Feature Group C or Feature Group D switched access service is used for the provision of Toll Free Database 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 office, 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. For example, assume:

- Three end offices (EO-1, EO-2, and EO-3) subtend a tandem

EO-1 measures 2,000 min. of 800 series type use
 EO-2 measures 3,000 min. of 800 series type use
 EO-3 measures 5,000 min. of 800 series type use
 10,000 TOTAL

- The tandem delivers 800 series type usage to two customers:

IC-A has 4,000 minutes of use
 IC-B has 6,000 minutes of use

- The allocation ratio for EO-1 is 20%

2,000/10,000

- The minutes of use to be billed by EO-1 are

800 to IC-A (20% X 4,000)
1,200 to IC-B (20% X 6,000)
 2,000 Total

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

(3) 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 Telephone Company hub where the Telephone Company performs multiplexing/de-multiplexing functions and the same customer then orders the derived channels as Direct Trunked Transport and Tandem Switched Transport. When the same customer also orders Special Access Service to be provided over this same high capacity facility.

Except as noted above, the switched Access Service will be ordered, provided and rated as Direct Trunked Transport (i.e., Direct Trunked Facility and Direct Trunked Termination). As each derived channel is activated for Tandem switched Transport, the High Capacity Direct Trunked Transport and Multiplexing rates will be reduced accordingly (e.g., 1/24th for a High Capacity DS1 service, 1/672nd for a High Capacity DS3 service, etc.). Tandem Switched Transport rates and charges, as set forth in Section 17 following, will apply for each channel that is used to provide the Tandem Switched Transport.*

(C)

* As of July 1, 2021, the Joint Tandem Switched Transport rate element is applied per tandem to originating toll free minutes only, as set forth in Section 6.1.3(C), preceding, in lieu of the Tandem Switched Facility, Tandem Switched Termination, Tandem Switching, Residual Interconnection Charge and MABC Interconnection rate elements.

(N)
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(N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

(3) Shared Transport (Cont'd)

Calculation of Charges Facility from Serving Wire Center to Tandem and Multiplexer

The Direct Trunked Facility (DS1-DTF), Direct Trunked Termination (DS1-DTT) and Switched Access Multiplexer (Sw-MUX) charges are:

$$\begin{aligned} \text{DS1-DTF} &= \text{DS1-DTF rate} \times \text{airline miles between Tandem/Multiplexer and Serving Wire Center} \times ((\text{number of activated Switched Access Services/capacity of a DS1}) \text{ minus } (\text{number of channels activated for Tandem Switched Transport/capacity of a DS1})) \\ &= \text{DS1-DTF rate} \times \text{miles} \times ((7/24) - (3/24)) \\ &= \text{DS1-DTF rate} \times \text{miles} \times (4/24) \end{aligned}$$

$$\text{DS1-DTT} = \text{DS1-DTT rate} \times 2 \text{ terminations} \times \text{same ratio of } (4/24)$$

$$\text{Sw.-MUX} = \text{DS1 to Voice Grade multiplexer rate} \times \text{same ratio of } (4/24)$$

Tandem Routing Charges (EO-A to Serving Wire Center)

No adjustments are used to calculate the Tandem Switched Facility (TSF), Tandem Switched Termination (TST), or Tandem Switching charges. They are calculated as follows:

$$\text{TSF*} = \text{TSF rate} \times \text{airline miles between EO-A and the serving wire center} \times 10,000 \text{ MOU} \quad (C)$$

$$\text{TST*} = \text{TST rate} \times 2 \text{ termination} \times 10,000 \text{ MOU} \quad (C)$$

$$\text{TS*} = \text{TS rate} \times 10,000 \text{ MOU} \quad (C)$$

*As of July 1, 2021, the Joint Tandem Switched Transport rate element is applied per tandem to originating toll free minutes only, as set forth in Section 6.1.3(C), preceding, in lieu of the Tandem Switched Facility, Tandem Switched Termination, Tandem Switching, Residual Interconnection Charge and MABC Interconnection rate elements.

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 (N)

ACCESS SERVICE

17. RATES AND CHARGES

17.1 Common Line Access Service - LTR

17.1.1 Carrier Common Line Access Service

Rate

Regulations concerning Carrier Common Line Access are set forth in Section 3 preceding.

Terminating Per Access Minute-IntraState	N/A	
Originating Per Access Minute-IntraState		(T)
Non-Toll Free	\$0.030400	(C)
Toll Free Only	\$0.00	(N)

ACCESS SERVICE17. RATES AND CHARGES (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport-LTR

	<u>Monthly Rate</u>	<u>Tariff Section Reference</u>	
(A) <u>Entrance Facility</u> Per Termination		6.1.3	
Voice Grade Two Wire	Per JSI Tariff FCC No. 1		
Voice Grade Four Wire	Per JSI Tariff FCC No. 1		
High Capacity DS1	Per JSI Tariff FCC No. 1		
High Capacity DS3	Per JSI Tariff FCC No. 1		
(B) <u>Direct Trunked Transport</u> <u>Direct Trunked Facility</u> Per Mile		6.1.3	
Voice Grade	Per JSI Tariff FCC No. 1		
High Capacity DS1	Per JSI Tariff FCC No. 1		
High Capacity DS3	Per JSI Tariff FCC No. 1		
(C) <u>Direct Trunked Termination</u> Per Termination			
Voice Grade	Per JSI Tariff FCC No. 1		
High Capacity DS1	Per JSI Tariff FCC No. 1		
High Capacity DS3	Per JSI Tariff FCC No. 1		
(D) <u>Multiplexing</u> Per Arrangement		6.1.3	
DS3 to DS1	Per JSI Tariff FCC No. 1		
DS1 to Voice	Per JSI Tariff FCC No. 1		
(E) <u>Tandem Switched Transport*</u>		6.1.3	(C)
<u>Tandem Switched Facility*</u> Per Access Minute Per Mile			(C)
Terminating	Per JSI Tariff FCC No. 1		
Originating	\$0.000040		
(F) <u>Tandem Switched Termination*</u> Per Access Minute Per Termination			(C)
Terminating	Per JSI Tariff FCC No. 1		
Originating	\$0.000360		

*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, Residual Interconnection Charge and MABC Interconnection rate elements as of July 1, 2021.

(N)
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(N)

ACCESS SERVICE17. RATES AND CHARGES (Cont'd)17.2 Switched Access Service (Cont'd)

17.2.2 <u>Local Transport-LTR</u> (Cont'd)	<u>Monthly Rate</u>	<u>Tariff Section Reference</u>	
(G) <u>Tandem Switching*</u> Per Access Minute Per Tandem			(C)
Terminating		Per JSI Tariff FCC No. 1	
Originating	\$0.000500		
(H) <u>Joint Tandem Switched Transport*</u> Per Originating Toll Free Only Access Minute Per Tandem	\$0.001		(N) (N)
(I) <u>Network Blocking Per Blocked Call</u> Applies to FGD only		Per JSI Tariff FCC No. 1	(T)
(J) <u>Toll Free Data Base Access Service Queries</u> Per Query			(T)
Basic		Per JSI Tariff FCC No. 1	
Optional Feature: Call Handling and destination features		Per JSI Tariff FCC No. 1	

*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, Residual Interconnection Charge and MABC Interconnection rate elements as of July 1, 2021.

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(N)

ACCESS SERVICE17. RATES AND CHARGES (Cont'd)17.2 Switched Access Service (Cont'd)

	<u>Monthly Rate</u>	<u>Tariff Section Reference</u>	
17.2.3 <u>Local Switching-LTR-IntraState</u>			
(A) Terminating Per Access minute	Per JSI Tariff FCC No. 1		
Originating Per Access Minute			(T)
Non-Toll Free	\$0.01770		(C)
Toll Free Only	Per JSI Tariff FCC No. 1		(N)
(B) <u>Information Surcharge</u>			
Terminating Per 100 Access minutes	Per JSI Tariff FCC No. 1		
Originating Per Access Minute			(T)
Non-Toll Free	\$0.0000		(C)
Toll Free Only	\$0.0000		(N)
17.2.4 <u>Transitional Rate-LTR-IntraState</u>			
Per End Office minutes of use Terminating	NA		
17.2.5 <u>Residual Interconnection Charge – LTR – IntraState*</u>			(C)
Per End Office minutes of use Terminating	N/A		
Originating	\$0.012120		
17.2.6 <u>Busy Hour minutes of capacity</u>			
Per Trunk			
\$0.00			
Note 1: The toll (MTS – A18, OUTWATS – A19) rates of the Local Exchange Company where the collect, third party, and pay telephone calls originated will be billed. For an 800 service call, the terminating Local Exchange Company 800 service rates will be billed.			
17.2.7 <u>MABC Interconnection*</u>			(C)
Per Minute of Use			
Terminating	\$0.000000		
Originating	\$0.042500		

*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, Residual Interconnection Charge and MABC Interconnection rate elements as of July 1, 2021.

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(N)