

ACCESS SERVICE

2. General Regulations (Cont'd)

2.5 Definitions (Cont'd)

Firm Access Order

The term "Firm Access Order" denotes an access service order for which the customer has provided the Company sufficient information to proceed with the provision of facilities and/or terminations.

Firm Order Confirmation (FOC) Date

The date on which the Company confirms to the customer that the requested service can be provided.

First-Come, First-Served

The term "First-Come, First-Served" denotes a procedure followed when the first service order received will be the first service order processed.

First Point of Switching

The term "First Point of Switching" denotes the first Telephone Company location at which switching occurs on the terminating path of a call proceeding from the customer premises to the terminating end office and, at the same time, the last Telephone Company location at which switching occurs on the originating path of a call proceeding from the originating end office to the customer premises.

Frequency Shift

The term "Frequency Shift" denotes the change in the frequency of a tone as it is transmitted over a channel.

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2. General Regulations (Cont'd)

2.5 Definitions (Cont'd)

Immediately Available Funds

The term "Immediately Available Funds" denotes a corporate or personal check drawn on a bank account and funds which are available for use by the receiving party on the same day on which they are received and includes U.S. Federal Reserve bank wire transfers, U.S. Federal Reserve notes (paper cash), U.S. coins, U.S. Postal Money Orders and New York Certificates of Deposit.

Impedance Balance

The term "Impedance Balance" denotes the method of expressing Echo Return Loss and Singing Return Loss at a 4-wire interface whereby the gains and/or loss of the 4 wire portion of the transmission path, including the hybrid, are not included in the specification.

Impulse Noise

The term "Impulse Noise" denotes any momentary occurrence of the noise on a channel over a specified level threshold. It is evaluated by counting the number of occurrences which exceed the threshold.

Individual Case Basis

The term "Individual Case Basis" denotes a condition in which the regulations, if applicable, and rates and charges for an offering under the provisions of this tariff are developed based on the circumstances in each case.

Inserted Connection Loss

The term "Inserted Connection Loss" denotes the 1004 Hz power difference (in dBs) between the maximum power available at the originating end and the actual power reaching the terminating end through the inserted connection.

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2. General Regulations (Cont'd)

2.5 Definitions (Cont'd)

Interexchange Carrier (IC) or Interexchange Common Carrier

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

Intermodulation Distortion

The term "Intermodulation Distortion" denotes a measure of the non-linearity of a channel. It is measured using four tones, and evaluating the ratios (in dBs) 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).

Interstate Communications

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

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.

Local Access and Transport (LATA)

The term "Local Access and Transport Area" denotes a geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes. For the purposes of this tariff Geographical Market Area (GMA) and LATA are intended to be interchangeable.

Local Calling Area

The term "Local Calling Area" denotes a geographical area, as defined in the Company's appropriate Local and/or General Exchange Service tariff, in which an end user (Telephone Exchange Service subscriber) may complete a call without incurring MTS charges.

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2. General Regulations (Cont'd)

2.5 Definitions (Cont'd)

Local Tandem Switch

The term "Local Tandem Switch" denotes a local Telephone Company switching unit by which local or access telephonic communications are switched to and from an End Office Switch.

Location Routing Number

The term "Location Routing Number" denotes a ten digit number used to uniquely identify a switch that has ported numbers.

Loss Deviation

The term "Loss Deviation" denotes the variation of the actual loss from the designed value.

Message

The term "Message" denotes a "call" as defined preceding.

N-1 Carrier

The term "N-1 Carrier" denotes the telecommunications carrier responsible for determining the Location Routing Number and delivering a call to the Company's switch. The N-1 Carrier is the telecommunications carrier immediately preceding the terminating carrier in the Local Number Portability process.

Network Control Signaling

The term "Network Control Signaling" denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating reorder or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of the telecommunications system.

North American Numbering Plan

The term "North American Numbering Plan" denotes a three-digit area (Numbering Plan Area) code and a seven-digit telephone number made up of a three-digit Central Office code plus a four-digit station number.

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2. General Regulations (Cont'd)

2.5 Definitions (Cont'd)

Off-hook

The term "Off-hook" denotes the active condition of Switched Access or a Telephone Exchange Service line.

On-hook

The term "On-hook" denotes the idle condition of Switched Access or a Telephone Exchange Service line.

Operator Service System (OSS)

The term "Operator Service System" (OSS) denotes the group of interacting hardware (switching equipment, data links, and operator terminals) and software components for the provision of operator service functionality.

Originating Direction

The term "Originating Direction" denotes the use of Access Service for the origination of calls from an end user premises to a customer premises.

Overlap Outpulsing

The feature of the exchange access signaling system which permits initiation of pulsing to the customer's premises before the subscriber has completed dialing an originating call.

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2. General Regulations (Cont'd)

2.5 Definitions (Cont'd)

Pay Telephone

The term "Pay Telephone" denotes coin or coinless instruments and related facilities that are available to the general public for public convenience and necessity.

Phase Jitter

The term "Phase Jitter" denotes the unwanted phase variations of a signal.

Point of Termination

The term "Point of Termination" denotes a point of demarcation within a customer-designated premises at which the Company's responsibility for the provision of Access Service ends.

Premises

The term "Premises" denotes a building, or a portion of a building in a multitenant building, or buildings on continuous property (except Railroad Right-of-Way, etc.), not separated by a public highway.

Primary Exchange Carrier

The term "Primary Exchange Carrier" denotes the Local Exchange Telephone Company in whose exchange a customer's first point of switching is located.

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2. General Regulations (Cont'd)

2.5 Definitions (Cont'd)

Query

A query is a request for specific information generated by a computer processor and sent to a data base with a predefined set of responses expected.

Registered Equipment

The term "Registered Equipment" denotes the customer's premises equipment which complies with and has been approved with the Registration Provisions of Part 68 of the F.C.C.'s Rules and Regulations.

Remote Switching Modules and/or Remote Switching Systems

The term "Remote Switching Modules and/or Remote Switching Systems" denotes small, remotely controlled electronic end office switches which obtain their call processing capability from an ESS-type Host Office. The Remote Switching Modules and/or Remote Switching Systems cannot accommodate direct trunks to a customer.

Response

A response is one response from a set of predetermined expected responses to a request for information contained in a query from a computer processor.

Responsible Organization

The term "Responsible Organization" denotes that entity which is responsible for the management and administration of a Toll Free Code (TFC) service record in the TFC Service Management System.

Return Loss

The term "Return Loss" denotes a measure of the similarity between the two impedances at the junction of two transmission paths. The higher the return loss, the higher the similarity.

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2. General Regulations (Cont'd)

2.5 Definitions (Cont'd)

Secondary Exchange Carrier

The term "Secondary Exchange Carrier" denotes the Local Exchange Telephone Company in whose exchange a customer's end user's end office is located and where the customer's first point of switching is provided by a Primary Exchange Carrier who is not the same Exchange Carrier as the Secondary Exchange Carrier.

Service Control Point

A Service Control Point (SCP) is a transaction processor based system that provides a network interface to various data base services.

Serving Wire Center

The term "Serving Wire Center" denotes the wire center from which the customer designated premises would normally obtain dial tone from the Company.

Signal-to-C-Notched Noise Ratio

The term "Signal-to-C-Notched Noise Ratio" denotes the ratio in dB of a test signal to the corresponding C-Notched Noise.

Singing Return Loss

The term "Singing Return Loss" denotes the frequency weighted measure of return loss at the edges of the voiceband (200 to 500 Hz and 2500 to 3200 Hz), where singing (instability) problems are most likely to occur.

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2. General Regulations (Cont'd)2.5 Definitions (Cont'd)Subtending End Office of an Access Tandem

The term "Subtending End Office of an Access Tandem" denotes an end office that has final trunk group routing through that tandem.

Tandem-Switched Transport

The term "Tandem-Switched Transport" denotes switched access transport from the access tandem to an end office subtending that tandem. Tandem-switched transport consists of circuits used in common by multiple access customers from the tandem to the end office.

Toll Free Code (TFC)

The term "Toll Free Code" denotes a three-digit Numbering Plan Area (NPA) or Area Code that is specifically assigned by the telecommunications industry for use by Telecommunications Service Providers in the provision of telephone numbers that, unlike traditional telephone numbers and calls, when dialed are toll free to the originating caller. The specific codes assigned and used, or reserved for use, for this purpose are 800, 822, 833, 844, 855, 866, 877, and 888.

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 channels consisting of any form or configuration of facilities typically used in the telecommunications industry.

Trunk

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

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.

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2. General Regulations (Cont'd)

2.5 Definitions (Cont'd)

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.

V and H Coordinates Method

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

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.

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3. Carrier Common Line Access Service

The Company will provide Carrier Common Line Access Service (Carrier Common Line Access) to customers in conjunction with Switched Access Service provided in Section 6 of this tariff.

3.1 General Description

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

Premium Access is (1) Switched Access Service provided to customers under this tariff which furnish intrastate MTS or (2) Switched Access Service in an end office converted to equal access.

3.2 Limitations3.2.1 Exclusions

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

3.3 Determination of Usage Subject to Carrier Common Line Access Charges

Switched Access Service provided to the customer will be subject to Carrier Common Line Access charges.

3.4 Determination of Charges

Charges for the involved customer account will be determined as follows:

- (A) Access minutes for all Switched Access Service subject to Carrier Common Line charges will be multiplied by the Access per minute rate as set forth in Section 8 following.
- (B) Terminating per minute charge(s) apply to:
 - all terminating access minutes of use;
 - all originating access minutes of use associated with calls placed to Toll Free Code (TFC) and 900 numbers, less the percentage of originating access minutes of use reported by the customer, as set forth following, that are associated with calls placed to TFC and 900 numbers that terminate in a Switched Access Service that is assessed Carrier Common Line charges.

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5. Ordering Options for Switched Access Service

5.1 General

This section sets forth the regulations and order related charges of Access Orders for Switched Access Services. These charges are in addition to other applicable charges as set forth in other sections of this tariff.

An Access Order is an order to provide the customer with Switched Access Service or to provide changes to existing services.

5.1.1 Ordering Conditions

The customer shall provide all information necessary for the Company to provide and bill for the requested service. In addition to the order information required in 5.2 following, the customer must also provide:

- Customer name and premises address(es).
- Billing name and address (when different from customer name and address).
- Customer's contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.

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5. Ordering Options for Switched Access Service (Cont'd)5.1 General (Cont'd)5.1.2 Provision of Other Services

- (A) In addition to Switched Access Services, other services offered under provisions of this tariff shall be ordered with an Access Order or as set forth in (B) following. The rates and charges for these other services, as set forth in other sections of this tariff, will apply in addition to the ordering charges set forth in this section and the rates and charges for the Access Service with which they are associated.
- (B) With the agreement of the Company, other services mentioned in (A) preceding may subsequently be added to an Access order at any time, up to and including the service date for an Access Service.
- (C) Additional Engineering is not an ordering option, but will be applied to an Access Order when the Company determines that Additional Engineering is necessary to accommodate a customer's request. Additional Engineering will only be required as set forth in 13.1 following. When it is required, the customer will be so notified and will be furnished with a written statement setting forth the justification for the Additional Engineering as well as an estimate of the charges. If the customer agrees to the Additional Engineering, a firm order will be established. If the customer does not want the service or facilities after being notified that Additional Engineering of Company facilities is required, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charge to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%.

The regulations for Additional Engineering are set forth in 13.1 following and are in addition to the regulations, rates and charges specified in this section.

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5. Ordering Options for Switched Access Service (Cont'd)

5.1 General (Cont'd)

5.1.3 Discontinuance of Service

Orders for discontinuance of service must be received in writing 24 hours in advance of the customer desired disconnect date. The Company will insure that the service is disconnected on the requested date. No charges will apply after the requested disconnect date, except as defined for minimum periods in section 2 preceding.

5.2 Access Order

An Access Order is used by the Company to provide a customer Access Service as follows:

- Switched Access Services as set forth in 6. following, and
- Other Services as set forth in 5.1.2 preceding.

When placing an order for Access Service, the customer shall provide all standard ASR ordering information as specified in industry guidelines, including the following information.

- For Feature Group D Switched Access Service, the customer shall specify the number of trunks and the end office when direct routing to the end office is desired or the access tandem switch when routing is desired via an access tandem switch and the Switched Transport and Local Switching Options desired. When ordering FGD trunks to an access tandem, the customer must also provide the Company an estimate of the amount of traffic by type it will generate to and/or from each end office subtending the access tandem to assist the Company in its own efforts to project further facility requirements. The basic traffic type must also be specified using the same categories as described in 6.1.1(D) following, to enable efficient provisioning and billing functions. When a customer orders FGD, the customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic.

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5. Ordering Options for Switched Access Service (Cont'd)

5.2 Access Order (Cont'd)

- When ordering FGD with SS7 Signaling, in addition to the information listed in 5.2 preceding, the customer shall specify the signaling point codes and trunk circuit identification codes. The customer must also identify the Common Channel Signaling/Signaling System 7 (CCS/SS7) Interconnection Service link associated with the FGD trunk group.
- For Toll Free Database Access Service (TFDBAS), the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may request direct connections to only those end offices equipped with TFDBAS Service Switching Point (TFDBAS SSP) functionality. All Toll Free traffic originating from end offices not equipped with the TFDBAS SSP function must be routed via an access tandem at which the function is available and the TFDBAS must be ordered accordingly. TFDBAS SSP locations are identified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. (T)
- For 900 Access Service, the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may request direct connections to only those end offices designated by the Company 900 Access Service screening offices. Additionally, when new NXX(s) are to be opened in the state, for exchanges served by the Company, or when existing NXX(s) are to be deleted, and such change is to occur coincident with the service date established for the order, the customer shall provide such information when placing the order for service. All 900 number assignments and administration shall be in accordance with the North American Numbering Plan (NANP). (T)

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5. Ordering Options for Switched Access Service (Cont'd)5.2 Access Order (Cont'd)

- When ordering FGD with SS7 Signaling, in addition to the information listed in 5.2 preceding, the customer shall specify the signaling point codes and trunk circuit identification codes. The customer must also identify the Common Channel Signaling/Signaling System 7 (CCS/SS7) Interconnection Service link associated with the FGD trunk group.
- For Toll Free Code (TFC) Access Service, the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may request direct connections to only those end offices equipped with TFC Service Switching Point (TFC SSP) functionality. All TFC traffic originating from end offices not equipped with the TFC SSP function must be routed via an access tandem at which the function is available and the TFC Access Service must be ordered accordingly. TFC SSP locations are identified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.
- For 900 Access Service, the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may request direct connections to only those end offices designated by the Company 900 Access Service screening offices. Additionally, when new NXX(s) are to be opened in the state, for exchanges served by the Company, or when existing NXX(s) are to be deleted, and such change is to occur coincident with the service date established for the order, the customer shall provide such information when placing the order for service. All 900 number assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

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