
ACCESS SERVICE

CHECK SHEET

Pages 1 to 104 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below contain all changes from the original tariff that are in effect on the date hereof.

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** New or Revised Page*

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ACCESS SERVICE

SECTION 1 - GENERAL REGULATIONS

1.2 DEFINITIONS

ACCESS CODE - Denotes a uniform code assigned by the Company to an individual Customer. The code has the form 101XXXX, 950-0XXX, or 950-1XXX.

ACCESS MINUTES - Denotes that usage of exchange facilities in intrastate service for the purpose of calculating chargeable usage.

ACCESS TANDEM - A switching system that provides a traffic concentration and distribution function for originating or terminating traffic between end offices and a Customer's premises.

ANSWER SUPERVISION - The transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the Customer's point of termination as an indication that the called party has answered or disconnected.

AUTOMATIC NUMBER IDENTIFICATION (ANI) - The Multi-Frequency (MF) signaling parameter that identifies the billing number of the calling party. (N)

CALL - A Customer attempt for which the complete address code is provided to the service end office.

CALLING PARTY NUMBER (CPN) - The SS7 signaling parameter that identifies the subscriber line number or directory number of the calling party. (N)

CARRIER OR COMMON CARRIER - Any individual, partnership, association, corporation or other entity engaged in intrastate communication for hire by wire or radio between two or more exchanges.

CENTRAL OFFICE - A local Company switching system where exchange service Customer station loops are terminated for purposes of interconnection to each other and to trunks.

CHANNEL - A communications path between two or more points of termination.

CHARGE NUMBER - The SS7 signaling parameter that identifies the billing telephone number of the calling party. (N)

COMMUNICATIONS SYSTEM - Denotes channels and other facilities which are capable of communications between terminal equipment provided by other than the Company.

COMPANY – Hardy Telecommunications, Inc.

CUSTOMER - Any individual, partnership, association, joint-stock company, trust, corporation, governmental entity or other entity which subscribes to the services offered under this Tariff, including but not limited to Interexchange Carriers, End Users and other telecommunications carriers or providers originating or terminating Toll VoIP-PSTN Traffic. (C)
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(C)

CUSTOMER DESIGNATED PREMISES - The premises specified by the Customer for termination of Access Services.

(M) Material that previously appeared on this page now appears on page 8.

(M)

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ACCESS SERVICE

SECTION 1 - GENERAL REGULATIONS

1.2 DEFINITIONS (Cont'd)

DUAL TONE MULTIFREQUENCY (DTMF) - Tone signaling, also known as touch tone signaling.

(M¹)
|
(M¹)

END OFFICE SWITCH - A Company switching system where exchange service Customer station loops are terminated for purposes of interconnection to each other and to trunks.

END USER - Any Customer of an intrastate telecommunications service that is not a Carrier or Common Carrier, except that a Carrier shall be deemed to be an End User when such Carrier uses a telecommunications service for administrative purposes. A person or entity that offers telecommunications service exclusively as a reseller shall be deemed to be an End User if all resale transmissions offered by such reseller originate on the premises of such reseller when making such service available to others, directly or indirectly.

ENTRY SWITCH - First point of switching.

EXCHANGE - A group of lines in a unit generally smaller than a LATA established by the Company for the administration of communications service in a specified area. An Exchange may consist of one or more central offices together with the associated facilities used in furnishing communications service within that area.

FACILITIES - Denotes any cable, poles, conduit, carrier equipment, wire center distribution frames, central office switching equipment, etc., utilized to provide the service offered under this Tariff.

FIRST POINT OF SWITCHING - The first 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 Company location at which switching occurs on the originating path of a call proceeding from the originating end office to the Customer premises.

INTERNET PROTOCOL (IP) SIGNALING - A packet data-oriented protocol used for communicating call signaling information (N)

INTERSTATE COMMUNICATIONS - Any communications with that crosses over a state boundary. Interstate Communications includes interstate and international communications.

INTRASTATE COMMUNICATIONS - Any communication which originates and terminates within the same state and is subject to oversight by a state regulatory commission as provided by the laws of the state involved.

LOCAL ACCESS AND TRANSPORT AREA (LATA) - A geographic area established for the provision and administration of communications service. A LATA encompasses designated exchanges, which are grouped to serve common social, economic and other purposes.

LOCAL CALLING AREA - A geographical area, as defined in the Company's local or general exchange service Tariff in which an End User may complete a call without incurring toll usage charges.

(M²)

(M¹) Material that appears on this page previously appeared on page 7.

(M²) Material that previously appeared on this page now appears on page 9.

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SECTION 1 - GENERAL REGULATIONS

1.2 DEFINITIONS (Cont'd)

MESSAGE - A Message is a Call as defined above. (M)

MULTI-FREQUENCY (MF) SIGNALING - An in-band signaling method in which call signaling information is transmitted between network switches using the same voiceband channel used for voice. (N)

OFF-HOOK - The active condition of Switched Access Service or a telephone exchange line. (M)

ON-HOOK - The idle condition of Switched Access Service or a telephone exchange line.

ORIGINATING DIRECTION - The use of Switched Access Service for the origination of transport of calls from an End User premises to a Customer's premises. (C)
(C)

POINT OF TERMINATION - The point of demarcation within a Customer-designated premises at which the Company's responsibility for the provision of access service ends. The point of demarcation is the point of interconnection between Company communications facilities and Customer-provided facilities as defined in Part 68 of the Federal Communications Commission's Rules and Regulations.

PREMISES - A building or buildings on contiguous property, not separated by a public highway or right-of-way.

SERVING WIRE CENTER - The wire center from which the Customer-designated premises normally obtains dial tone from the Company.

SPECIAL ACCESS CIRCUIT - The physical pathway for transmission of information between a dedicated originating point and a dedicated terminating point.

TERMINATING DIRECTION - The use of Switched Access Service for the transport or completion of calls from a Customer's premises to an End User premises. (C)
(C)

TOLL VoIP-PSTN TRAFFIC - 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. (N)
|
(N)

TRANSMISSION PATH - An electrical path capable of transmitting signals within the range of the service offering. A transmission path is comprised of physical or derived facilities consisting of any form or configuration of plant used in the telecommunications industry.

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

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

WIRE CENTER - A physical location in which one or more central offices, used for the provision of exchange services, are located.

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SECTION 3 - SWITCHED ACCESS SERVICE

3.1 GENERAL

Switched Access Service, which is available to Customers for their use in furnishing their services to End Users, provides a two-point electrical communications path between a Customer's premises and an End User's premises. It provides for the use of common terminating, switching and trunking facilities, and for the use of common subscriber plant of the Company. Switched Access Service provides for the ability to originate calls from an End User's premises to a Customer's premises in the LATA where it is provided.

The following provision applies to the treatment of Toll VoIP-PSTN Traffic pursuant to the Federal Communications Commission's Part 51 Interconnection Rules and in compliance with the Federal Communications Commission's Report and Order and Further Notice of Proposed Rulemaking in CC Docket Nos. 96-45 and 01-92; GN Docket No. 09-51; WC Docket Nos. 03-109, 05-337, 07-135 and 10-90; and WT Docket No. 10-208, adopted October 27, 2011 and released November 18, 2011 (FCC 11-161). In the absence of an interconnection agreement between the Telephone Company and the customer specifying the treatment of Toll VoIP-PSTN Traffic, the Telephone Company will bill the customer the applicable switched access rates and charges specified in Section 9.2, following, on all jurisdictionally interstate voice traffic identified as Toll VoIP-PSTN Traffic.

(N)

(N)

The application of rates for Switched Access Service is described in Section 3.5 following.

3.2 RATE CATEGORIES

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

- Local Switching
- Local Transport
- Common Line (see Section 5)

3.2.1 Local Switching

Local Switching provides for the use of end office switching equipment. Included in Local Switching are:

Common Switching, which provides the local end office switching functions and optional features.

Transport Termination, which provides for the trunk side arrangements which terminate the Local Transport facilities. The number of Transport Terminations provided will be determined by the Company.

Where end offices are appropriately equipped, international dialing may be provided. 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 equipped end office.

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SECTION 3 - SWITCHED ACCESS SERVICE

3.4 OBLIGATIONS OF THE CUSTOMER (Cont'd)

3.4.4 Call Signaling

(N)

Depending on the signaling system used by the Customer in its network, the Customer's facilities shall transmit the following call signaling information to the Telephone Company on traffic the Customer's End Users originate which is handed off for termination on the Telephone Company's network.

(A) Signaling System 7 (SS7) Signaling

When the Customer uses SS7 signaling, it will transmit the Calling Party Number (CPN) or, if different from the CPN, the Charge Number (CN) information in the SS7 signaling stream.

(B) Multi-Frequency (MF) Signaling

When the customer uses MF signaling, it will transmit the number of the calling party or, if different from the number of the calling party, the Charge Number (CN) information in the MF Automatic Number Identification (ANI) field.

(C) Internet Protocol (IP) Signaling

When the Customer uses IP signaling, it will transmit the telephone number of the calling party or, if different from the telephone number, the billing number of the calling party.

(N)

3.5 RATE REGULATIONS

This Section contains the specific regulations governing the rates and charges that apply for Switched Access Service.

Access Charges are applied on a per access minute basis. Access minute charges are accumulated over a monthly period.

3.5.1 Minimum Periods

Switched Access Service is provided for a minimum period of one month.

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SECTION 9 – RATES AND CHARGES

9.1 Common Line Access Service

9.1.1 Carrier Common Line Access Service

<u>Premium Access</u>	<u>Rate</u>	(T)
- Terminating Per Access Minute	**	(C)
- Originating Per Access Minute	**	(C)

9.2 Switched Access Service

9.2.1 Nonrecurring Charges

Monthly Rate

A. Local Transport - Installation
Per Entrance Facility

Voice Grade Two Wire	Reserved for Future Use
Voice Grade Four Wire	Reserved for Future Use
High Capacity DS1	Reserved for Future Use
High Capacity DS3	Reserved for Future Use
OC 3	Reserved for Future Use
OC 12	Reserved for Future Use

B. Trunk Activation

24 Trunks Activated or Fraction thereof, on a Per Order Basis	Reserved for Future Use
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C. Interim NXX Translation

- Per Order	Reserved for Future Use
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D. Customer Node

- Per Node, OC3	Reserved for Future Use
OC12	Reserved for Future Use

E. Customer Premises Port

- Per Port, STS-1 or DS3	Reserved for Future Use
DS1	Reserved for Future Use

** Company concurs with the rate charged for this element by Frontier Telephone Companies as found in its Tariff F.C.C. No. 1, Section 20.2.1. (N)
(N)

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SECTION 9 – RATES AND CHARGES

9.2 Switched Access Service (Cont'd)

9.2.2 Local Transport (Cont'd)

Premium Access (Cont'd)

Tandem Switched Transport

	<u>Rate</u>	(T)
Originating		
-Tandem Switched Facility, Per Minute/Per Mile	*	(C)
-Tandem Switched Termination, Per Minute/Per Term	*	
-Tandem Switching, Per Minute/Per Tandem	*	(C)
Terminating		
-Tandem Switched Facility, Per Minute/Per Mile	*	(C)
-Tandem Switched Termination, Per Minute/Per Term	*	
-Tandem Switching, Per Minute/Per Tandem	*	(C)

9.2.3 SS7

<u>Signaling Network Access Link</u>	<u>Monthly Rate</u>	<u>Non-Recurring Charge</u>
- Signaling Mileage Facility per mile	Reserved for Future Use	
- Signaling Mileage Termination per Termination	Reserved for Future Use	
-Signaling Entrance Facility Per Facility	Reserved for Future Use	
-Signaling Entrance Facility Installation		Reserved for Future Use
-STP Port per port	Reserved for Future Use	
-SS7/MF Conversion per 24 trunks Converted		Reserved for Future Use

* Company concurs with the rate charged for this element by Frontier Telephone Companies as found in its Tariff F.C.C. No. 1, Section 20.2.4. (N)
(N)

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SECTION 9 – RATES AND CHARGES

9.2 Switched Access Service (Cont'd)

9.2.2 Local Transport (Cont'd)

9.2.3 SS7 (Cont'd)

800 Series Data Base Access Service Queries

Per Query	
Basic	\$ 0.01047977

9.2.4	<u>End Office</u>	<u>Rate</u>	(T)
A.	<u>Local Switching</u>		
	Originating, per access minute	*	(C)
	Terminating, per access minute	*	(C)
B.	<u>Information Surcharge</u>		
	Premium Per 100 Access Minutes	*	(C)

* Company concurs with the rate charged for this element by Frontier Telephone Companies as found in its Tariff F.C.C. No. 1, Section 20.2.4 (N)
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