

Access Services

SECTION 1 - DEFINITIONS

8YY Originating – Feature Group D originating usage dialed with the following NPAs: 800, 888, 877, 866, 855, 844, 833, 822, or other NPAs as they become available to the industry for the provision of Toll Free services.

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Access Service - Switched or Special Access to the network of any Interconnecting Carrier for the purpose of originating or terminating communications.

Advance Payment - Part or all of a payment required before the start of service.

Automatic Number Identification (ANI) – The Multi-Frequency (MF) signaling parameter that identifies the billing number of the calling party.

B8ZS - Bipolar with 8-Zero Substitution; a line coding technique which permits DS0 and DS1 transmission with 15 consecutive zeros. B8ZS support 64 KBPS clear channel transmission.

Bit - The smallest unit of a payment required before the start of service.

Calling Party Number (CPN) – The SS7 signaling parameter that identifies the subscriber line number or directory number of the calling party.

Charge Number (CN) – The SS7 signaling parameter that identifies the billing telephone number of the calling party.

Company - XO Communications Services, Inc., the issuer of this tariff, which is a Delaware Corporation.

Customer - The person, firm, corporation, government entity, or other entity which subscribes to or uses, and is therefore responsible for the payment of charges and compliance with the Company's regulations, the services offered under this tariff, including both Interexchange Carriers (IXCs) and End Users.

DCS - Digital Cross Connect System.

DS0 - Digital Signal Level 0; a dedicated, full duplex digital channel with line speeds of 2.4, 4.8, 9.6, 19.2, 56 or 64 Kbps.

DS1 - Digital Signal Level 1; a dedicated, high capacity, full duplex channel with a line speed of 1.544 Mbps isochronous serial data having a line signal format of either Alternate Mark Inversion (AMI) or Bipolar with 8 Zero Substitution (B8ZS) and either Superframe (D4) or Extended Superframe (ESF) formats. DS1 Service has the equivalent capacity of 24 Voice Grade or DS0 services.

DS3 - Digital Signal Level 3; a dedicated, high capacity, full duplex channel with a line speed of 44.736 Mbps isochronous serial data having a line code of bipolar with three zero substitution (B3ZS). Equivalent capacity of 28 DS1 Services.

Dedicated - A facility or equipment system or subsystem set aside for the sole use of a specific Customer.

Duplex Service - Service which provides for simultaneous transmission in both directions.

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SECTION 1 - DEFINITIONS, (CONT'D.)

End User - Any customer of an intrastate communications service that is not a common carrier; provided that a common carrier other than a telephone company shall be deemed to be an "end user" when such common carrier uses a communications service for administrative purposes, and a person or entity that offers communications 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.

Entrance Facility - An Entrance Facility provides the communication path between a Customer's premises and the Company for the sole use of the Customer.

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Fiber Optic Cable - A thin filament of glass with a protective outer coating through which a light beam carrying communications signals may be transmitted by means of multiple internal reflections to a receiver, which translates the message.

Gbps - Gigabits per second; billions of bits per second.

Individual Case Basis (ICB) - A service arrangement in which the regulations, rates and charges are developed based on the specific circumstances of the case.

IntraLATA Service - Service which originates and terminates within the same Local Access Transport Area (LATA).

Interconnecting Carrier - Any carrier that connects to the Company's network for exchange of communications traffic.

InterLATA Service - Service which originates within one Local Access Area Transport Area (LATA) and terminates in a different LATA.

Internet Protocol (IP) Signaling - A packet data-oriented protocol used for communications call signaling information.

Kbps - Kilobits per second; 1000s of bits per second.

LATA - Local Access and Transport Area. A geographic area established by the US District Court for the District of Columbia in Civil Action No. 17-49, within which a Local Exchange Company provides communications services.

Local Access - Local Access means the connection between a Customer premises and Company Point of Presence.

Mbps - Megabits per second.

Multi-Frequency (MF) Signaling - An in-band signaling method in the which call signaling information is transmitted between network switches using the same voice band channel used for voice.

Network - The Company's digital fiber optics-based network.

Network Services - The Company's telecommunications access services offered on the Company's Network.

Node - The Company office where all Customer facilities are terminated for purposes of interconnection to trunks and/or cross-connection to distant ends.

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SECTION 1 - DEFINITIONS, (CONT'D.)

Non-8YY Originating – Feature Group B or D originating usage that is not dialed with the following NPAs: 800, 888, 877, 866, 855, 844, 833, 822, or other NPAs as they become available to the industry for the provision of Toll Free services.

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Non-Recurring Charges - The one-time initial charges for services or facilities, including but not limited to charges for construction, installation, or special fees, for which the Customer becomes liable at the time a Service Order is executed.

Originating On-Net - A call originating on and placed via company owned facilities or a combination of company owned and leased facilities.

Originating Off-Net - A call originating on and placed via non-company owned facilities or a combination of non-company owned and leased facilities.

PIU - Percent Interstate Usage

Point to Point Service - Point to Point Service is an unswitched full time transmission service utilizing the Company's facilities to connect two or more Customer designated locations.

Premises - Denotes a building or buildings on contiguous property (except railroad right-of-way, etc.) not separated by a public highway.

Recurring Charges - The monthly charges to the Customer for services, facilities and equipment, which continue for the agreed upon duration of the service.

Service Commencement Date - The first day following the date on which the Company notifies the Customer that the requested service or facility is available for use, unless extended by the Customer's refusal to accept service which does not conform to standards set forth in the Service Order or this tariff, in which case the Service Commencement Date is the date of the Customer's acceptance. The parties may mutually agree on a substitute Service Commencement Date.

Service Order - The written request for Network Services executed by the Customer and The Company in the format devised by the Company. The signing of a Service Order by the Customer and acceptance by the Company initiates the respective obligations of the parties as set forth therein and pursuant to this tariff, but the duration of the service calculated from the Service commencement Date.

Service - The Company's telecommunications access service offered on the Company's network.

Shared - A facility or equipment system or subsystem which can be used simultaneously by several Customers.

Special Access Service - Dedicated access between a Customer's Premises and another Point of Presence for the purpose of originating or terminating communications.

Access Services

SECTION 1 - DEFINITIONS, (CONT'D.)

Switched Access Service - Access to the switched network of an Exchange Carrier for the purpose of originating or terminating communications.

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Toll Free - Toll Free is a service for which the toll charges for completed calls are paid by the toll free subscriber, rather than the calling party.

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Toll VoIP-PSTN Traffic -Interexchange voice traffic that (1) is exchanged with the Company in Time Division Multiplexing ("TDM") format over Public Switched Telephone Network ("PSTN") facilities and (2) originates and/or terminates in Internet Protocol ("IP") format. Toll VoIP-PSTN Traffic originates and/or terminates in IP format when it originates and/or terminates to an end user of a service that requires IP-compatible customer premises equipment.

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