

This tariff, XO Communications Services, LLC PA Tariff No. 12, replaces in its entirety, XO Communications Services, Inc. PA Tariff No. 7, and is now grandfathered. The services in this tariff are available only to existing customers of the former Allegiance Telecom of Pennsylvania, Inc. (C)

XO COMMUNICATIONS SERVICES, LLC (C)

COMPETITIVE ACCESS SERVICE TARIFF

Regulations and Schedule of Intrastate Rates
and Charges Applying to Competitive Access
Services Within the Commonwealth of Pennsylvania.

This tariff includes the rates, charges, terms and conditions of service for the provision of dedicated intrastate common carrier telecommunications services by XO Communications Services, LLC, within the State of Pennsylvania. (C)

This tariff applies to intrastate communications services provided as specified herein.

The Company's tariff is in concurrence with all applicable State and Federal Laws (including, but not limited to, 52 PA Code, 66 PA C.S. and the Telecommunications Act of 1934, as amended), and with the Commission's applicable Rules and Regulations and Orders. Any provisions contained in this Tariff that are inconsistent with the foregoing mentioned will be deemed inoperative and superceded. (C)
(C)

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SUPPLEMENT NO. 1 – TELEPHONE-PA P.U.C. NO. 12

LIST OF MODIFICATIONS

CHANGES

1 st Revised Title Page	Updates Supplement Number, Changes Company Name
1st Revised Page 1	Updates List of Modifications, Changes Company Name
1st Revised Page 2	Updates Check Sheet, Changes Company Name

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CHECK SHEET

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CONCURRING CARRIERS

None

CONNECTING CARRIERS

None

OTHER PARTICIPATING CARRIERS

None

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EXPLANATION OF SYMBOLS AND ABBREVIATIONS

SYMBOLS

- (I) To signify increased rates.
- (D) To signify decreased rates.
- (C) To signify all other changes.

ABBREVIATIONS

- 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.
- 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.

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EXPLANATION OF SYMBOLS AND ABBREVIATIONS (CONT'D.)

ABBREVIATIONS (Cont'd.)

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.
Gbps -	Gigabits per second; billions of bits per second.
ICB -	Individual Case Basis.
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.

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EXPLANATION OF SYMBOLS AND ABBREVIATIONS (CONT'D.)

ABBREVIATIONS (Cont'd.)

LEC - Local Exchange Company.

Mbps - Megabits per second; millions of bits per second.

N/A - Not Available.

OC-48 - A high capacity channel for full duplex, synchronous, optic transmission of digital signals based on the SONET Standard at a rate of 2.4 Gbps

OC-12 - A high capacity channel for full duplex, synchronous, optic transmission of digital signals based on the SONET Standard at a rate of 622.08 Mbps.

OC-3 - A high capacity channel for full duplex, synchronous, optic transmission of digital signals based on the SONET Standard at a rate of 155.52 Mbps.

POP - Point of Presence.

XO - XO Communications Services, Inc..

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