

*The Public Utilities Commission of Ohio*  
**TELECOMMUNICATIONS FILING FORM**

(Effective: 01/20/2011)

This form is intended to be used with most types of required filings. It provides check boxes with rule references for the most common types of filings. It does not replace or supersede Commission rules in any way.

In the Matter of the Application of \_\_\_\_\_ ) TRF Docket No. 90-\_\_\_\_\_  
to \_\_\_\_\_ )  
 ) Case No. 12 - 664 - **TP** - ATA  
 ) NOTE: Unless you have reserved a Case #, leave the "Case No" fields  
 ) BLANK.

Name of Registrant(s) XO Communications Services, Inc.

DBA(s) of Registrant(s) \_\_\_\_\_

Address of Registrant(s) 13865 Sunrise Valley Dr., Herndon, VA 20171

Company Web Address www.xo.com

Regulatory Contact Person(s) Kelly Faul

Phone 703-547-2536

Fax 703-547-2630

Regulatory Contact Person's Email Address Kelly.faul@xo.com

Contact Person for Annual Report Sharon Adams

Phone 703-547-2615

Address (if different from above) \_\_\_\_\_

Consumer Contact Information Teresa Miller

Phone 214-261-7509

Address (if different from above) \_\_\_\_\_

Motion for protective order included with filing? ☐ Yes ☒ No

Motion for waiver(s) filed affecting this case? ☐ Yes ☒ No [Note: Waivers may toll any automatic timeframe.]

**Notes :**

Section I and II are Pursuant to Chapter 4901:1-6 OAC

Section III – Carrier to Carrier is Pursuant to 4901:1-7 OAC, and Wireless is Pursuant to 4901:1-6-24 OAC.

Section IV – Attestation

(1) Indicate the Carrier Type and the reason for submitting this form by checking the boxes below.

(2) For requirements for various applications, see the identified section of Ohio Administrative Code Section 4901 and/or the supplemental application form noted.

(3) Information regarding the number of copies required by the Commission may be obtained from the Commission's web site at www.puco.ohio.gov under the docketing information system section, by calling the docketing division at 614-466-4095, or by visiting the docketing division at the offices of the Commission.

(4) An Incumbent Local Exchange Carrier (ILEC) offering basic local exchange service (BLES) outside its traditional service area should choose CLEC designation when proposing to offer BLES outside its traditional service area or when proposing to make changes to that service.

**All Filings that result in a change to one or more tariff pages require, at a minimum, the following exhibits.**

Exhibit	Description:
A	The tariff pages subject to the proposed change(s) as they exist before the change(s)
B	The Tariff pages subject to the proposed change(s), reflecting the change, with the change(s) marked in the right margin.
C	A short description of the nature of the change(s), the intent of the change(s), and the customers affected.
D	A copy of the notice provided to customers, along with an affidavit that the notice was provided according to the applicable rule(s).

## Section I – Part I - Common Filings

<b>Carrier Type</b> <input type="checkbox"/> Other (explain below)	<input type="checkbox"/> For Profit ILEC	<input type="checkbox"/> Not For Profit ILEC	<input type="checkbox"/> CLEC
Change terms & conditions of existing BLES	<input type="checkbox"/> ATA <u>1-6-14(H)</u> (Auto 30 days)	<input type="checkbox"/> ATA <u>1-6-14(H)</u> (Auto 30 days)	<input type="checkbox"/> ATA <u>1-6-14(H)</u> (Auto 30 days)
Introduce non-recurring charge, surcharge, or fee to BLES			<input type="checkbox"/> ATA <u>1-6-14(H)</u> (Auto 30 days)
Introduce or Increase Late Payment	<input type="checkbox"/> ATA <u>1-6-14(I)</u> (Auto 30 days)	<input type="checkbox"/> ATA <u>1-6-14(I)</u> (Auto 30 days)	<input type="checkbox"/> ATA <u>1-6-14(I)</u> (Auto 30 days)
Revisions to BLES Cap.	<input type="checkbox"/> ZTA <u>1-6-14(F)</u> (0 day Notice)		
Introduce BLES or expand local service area (calling area)	<input type="checkbox"/> ZTA <u>1-6-14(H)</u> (0 day Notice)	<input type="checkbox"/> ZTA <u>1-6-14(H)</u> (0 day Notice)	<input type="checkbox"/> ZTA <u>1-6-14(H)</u> (0 day Notice)
Notice of no obligation to construct facilities and provide BLES	<input type="checkbox"/> ZTA <u>1-6-27(C)</u> (0 day Notice)	<input type="checkbox"/> ZTA <u>1-6-27(C)</u> (0 day Notice)	
Change BLES Rates	<input type="checkbox"/> TRF <u>1-6-14(F)</u> (0 day Notice)	<input type="checkbox"/> TRF <u>1-6-14(F)(4)</u> (0 day Notice)	<input type="checkbox"/> TRF <u>1-6-14(G)</u> (0 day Notice)
To obtain BLES pricing flexibility	<input type="checkbox"/> BLS <u>1-6-14</u> <u>(C)(1)(c)</u> (Auto 30 days)		
Change in boundary	<input type="checkbox"/> ACB <u>1-6-32</u> (Auto 14 days)	<input type="checkbox"/> ACB <u>1-6-32</u> (Auto 14 days)	
Expand service operation area			<input type="checkbox"/> TRF <u>1-6-08(G)(0 day)</u>
BLES withdrawal			<input type="checkbox"/> ZTA <u>1-6-25(B)</u> (0 day Notice)
<b>Other*</b> (explain) _____			

## Section I – Part II – Customer Notification Offerings Pursuant to Chapter 4901:1-6-7 OAC

Type of Notice	Direct Mail	Bill Insert	Bill Notation	Electronic Mail
<input type="checkbox"/> 15-day Notice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 30-day Notice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Date Notice Sent:</b>				

## Section I – Part III –IOS Offerings Pursuant to Chapter 4901:1-6-22 OAC

IOS	Introduce New	Tariff Change	Price Change	Withdraw
<input type="checkbox"/> IOS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Section II – Part I – Carrier Certification - Pursuant to Chapter 4901:1-6-08, 09 & 10 OAC

Certification	ILEC (Out of Territory)	CLEC	Carrier's Not Offering BLES	CESTC	CETC
* See Supplemental form	<input type="checkbox"/> ACE <u>1-6-08</u> * (Auto 30- day)	<input checked="" type="checkbox"/> ACE <u>1-6-08</u> *(Auto 30 day)	<input type="checkbox"/> ACE <u>1-6-08</u> *(Auto 30 day)	<input type="checkbox"/> ACE <u>1-6-10</u> (Auto 30 day)	<input type="checkbox"/> UNC <u>1-6-09</u> *(Non-Auto)

\*Supplemental Certification forms can be found on the Commission Web Page.

## Section II – Part II – Certificate Status & Procedural

Certificate Status	ILEC	CLEC	Carrier's Not Offering BLES
Abandon all Services		<input type="checkbox"/> ABN <u>1-6-26</u> (Auto 30 days)	<input type="checkbox"/> ABN <u>1-6-26</u> (Auto 30 days)
Change of Official Name *	<input type="checkbox"/> ACN <u>1-6-29(B)</u> (Auto 30 days)	<input type="checkbox"/> ACN <u>1-6-29(B)</u> (Auto 30 days)	<input type="checkbox"/> CIO <u>1-6-29(C)</u> (0 day Notice)
Change in Ownership *	<input type="checkbox"/> ACO <u>1-6-29(E)</u> (Auto 30 days)	<input type="checkbox"/> ACO <u>1-6-29(E)</u> (Auto 30 days)	<input type="checkbox"/> CIO <u>1-6-29(C)</u> (0 day Notice)
Merger *	<input type="checkbox"/> AMT <u>1-6-29(E)</u> (Auto 30 days)	<input type="checkbox"/> AMT <u>1-6-29(E)</u> (Auto 30 days)	<input type="checkbox"/> CIO <u>1-6-29(C)</u> (0 day Notice)
Transfer a Certificate *	<input type="checkbox"/> ATC <u>1-6-29(B)</u> (Auto 30 days)	<input type="checkbox"/> ATC <u>1-6-29(B)</u> (Auto 30 days)	<input type="checkbox"/> CIO <u>1-6-29(C)</u> (0 day Notice)
Transaction for transfer or lease of property, plant or business *	<input type="checkbox"/> ATR <u>1-6-29(B)</u> (Auto 30 days)	<input type="checkbox"/> ATR <u>1-6-29(B)</u> (Auto 30 days)	<input type="checkbox"/> CIO <u>1-6-29(C)</u> (0 day Notice)

\* Other exhibits may be required under the applicable rule(s). ACN, ACO, AMT, ATC, ATR and CIO applications see the 4901:1-6-29 Filing Requirements on the Commission's Web Page for a complete list of exhibits.

## Section III – Carrier to Carrier (Pursuant to 4901:1-7), and Wireless (Pursuant to 4901:1-6-24)

Carrier to Carrier	ILEC	CLEC
Interconnection agreement, or amendment to an approved agreement	<input type="checkbox"/> NAG <u>1-7-07</u> (Auto 90 day)	<input type="checkbox"/> NAG <u>1-7-07</u> (Auto 90 day)
Request for Arbitration	<input type="checkbox"/> ARB <u>1-7-09</u> (Non-Auto)	<input type="checkbox"/> ARB <u>1-7-09</u> (Non-Auto)
Introduce or change c-t-c service tariffs,	<input type="checkbox"/> ATA <u>1-7-14</u> (Auto 30 day)	<input checked="" type="checkbox"/> ATA <u>1-7-14</u> (Auto 30 day)
Request rural carrier exemption, rural carrier suspension or modification	<input type="checkbox"/> UNC <u>1-7-04 or 05</u> (Non-Auto)	
Changes in rates, terms & conditions to Pole Attachment, Conduit Occupancy and Rights- of-Way.	<input type="checkbox"/> UNC <u>1-7-23(B)</u> (Non-Auto)	
Wireless Providers See <u>4901:1-6-24</u>	<input type="checkbox"/> RCC [Registration & Change in Operations]	<input type="checkbox"/> NAG [Interconnection Agreement or

Section IV. – Attestation

Registrant hereby attests to its compliance with pertinent entries and orders issued by the Commission.

**AFFIDAVIT**  
***Compliance with Commission Rules***

I am an officer/agent of the applicant corporation, Kelly Faul, and am authorized to make this statement on its behalf.

(Name)

Please Check ALL that apply:

☒ I attest that these tariffs comply with all applicable rules for the state of Ohio. I understand that tariff notification filings do not imply Commission approval and that the Commission's rules as modified and clarified from time to time, supersede any contradictory provisions in our tariff. We will fully comply with the rules of the state of Ohio and understand that noncompliance can result in various penalties, including the suspension of our certificate to operate within the state of Ohio.

☐ I attest that customer notices accompanying this filing form were sent to affected customers, as specified in Section II, in accordance with Rule 4901:1-6-7, Ohio Administrative Code.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on (Date) 02/16/12

at (Location) Herndon, VA

\*(Kelly Faul, Regulatory Affairs Director)

(Date) 02/16/12

- *This affidavit is required for every tariff-affecting filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the applicant.*

**VERIFICATION**

I, Kelly Faul verify that I have utilized the Telecommunications Filing Form for most proceedings provided by the Commission and that all of the information submitted here, and all additional information submitted in connection with this case, is true and correct to the best of my knowledge.

\*(Kelly Faul – Regulatory Affairs Director)

(Date) 02/16/12

*\*Verification is required for every filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the applicant.*

*Send your completed Application Form, including all required attachments as well as the required number of copies, to:*

Public Utilities Commission of Ohio  
Attention: Docketing Division  
180 East Broad Street, Columbus, OH 43215-3793  
Or

*Make such filing electronically as directed in Case No 06-900-AU-WVR*

**EXHIBIT A**  
**Superseded Tariff Pages**

Case No. 11-5747-TP-ATA

## INTRASTATE ACCESS SERVICES

**CHECK SHEET**

Pages of this tariff, as indicated below, are effective as of the date shown at the bottom of the respective pages. Original and revised pages, as named below, comprise all changes from the original tariff and are currently in effect as of the date on the bottom of this page.

PAGE	REVISION		PAGE	REVISION	PAGE	REVISION
1	8th Rev.	*	26	Original	51	Original
2	Original		27	Original	52	Original
3	Original		28	Original	53	Original
4	Original		29	Original	54	Original
5	Original		30	Original	55	3rd Rev. *
6	Original		31	Original	55.1	1st Rev. *
7	Original		32	Original	56	Original
8	1st Rev.		33	Original	57	2nd Rev.
9	1st Rev.		34	Original	57.1	Original
10	Original		35	1st Rev. *	58	Original
11	1st Rev.		36	Original	59	Original
12	Original		37	1st Rev.		
13	Original		38	Original		
14	Original		39	Original		
15	Original		40	1st Rev. *		
16	Original		41	Original		
17	Original		42	Original		
18	Original		43	Original		
19	1st Rev.		44	Original		
20	Original		45	Original		
21	Original		46	Original		
22	Original		47	Original		
23	Original		48	Original		
24	Original		49	Original		
25	Original		50	Original		

\* - indicates those pages included with this filing

Issued: November 11, 2011

Effective: December 12, 2011

Kelly Faul – Regulatory Affairs Director  
13865 Sunrise Valley Dr.  
Herndon, VA 20171

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INTRASTATE ACCESS SERVICES

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**SECTION 1 - DEFINITIONS**

The following definitions are applicable to this tariff:

**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 Service Request (ASR)** - The industry service order format used by Access Service Customers and access providers as agreed to by the Ordering and Billing Forum.

**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.

**Account** - The Customer who has agreed, verbally or by signature, to honor the terms of service established by the Company. An account may have more than one access code billed to the same Customer address.

**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.

**Bit** - The smallest unit of information in a binary system of notation.

**Bits Per Second (bps)** - The number of bits transmitted in a one second interval.

**Channel** - A path for electrical transmission between two or more points, the path having a bandwidth and termination of the Customer's choosing.

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**SECTION 1 - DEFINITIONS (CONT'D.)**

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

**Central Office** - A local Company switching system where 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.

**City** - For the purposes of this tariff, the term City denotes a specific geographic area served by the Carrier. A City is typically a metropolitan area and may include one or more adjacent or nearby areas in which the Carrier has network facilities.

**Collocation** - Carrier facilities and/or equipment located in the same building -- generally a LEC central office.

**Commission** - The Public Utilities Commission of Ohio (P.U.C.O.)

**Communications System** - Denotes channels and other facilities which are capable of communications between terminal equipment provided by an entity other than the Company.

**Company** - Denotes XO Communications Services, Inc. and /or any Concurring Carriers.

**Company's Network** - Equipment, cabling, and/or connections owned, leased or otherwise used by the Company or the Company's agents to provide service to the Customer pursuant to this tariff.

**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.

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**Customer Agreement** - The mutual agreement between the Company and the Customer for the provision of the Company's service.

**Customer Designated Premises** - The premises specified by the Customer for termination of Access Services.

**Customer Point of Presence** - The physical location associated with the Customer's communication system.



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INTRASTATE ACCESS SERVICES

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**SECTION 1 - DEFINITIONS (CONT'D.)**

**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.

**Interexchange Carrier (IC)** - Any individual, partnership, association, corporation or other entity engaged in communication for hire by wire or radio between two or more exchanges.

**Hertz** - A unit of frequency equal to one cycle per second.

**Holidays** - New Year's Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

**Interstate** - For the purpose of this tariff, the term Interstate applies to the regulatory jurisdiction of services used for communications between locations located in different states within the United States or between one or more location in the United States and one or more international locations.

**Intrastate Communications** - Any communications which originates and terminates within the same state.

**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.

**Message** - A Message is a Call as defined above.

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INTRASTATE ACCESS SERVICES

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**SECTION 1 - DEFINITIONS (CONT'D.)**

**Serving Wire Center** - The wire center from which the Customer-designated premises would normally obtain dial tone from the Company.

**Special Access** - See Dedicated Access.

**Term Agreement** - A method of purchasing the Company's services whereby the Customer agrees to purchase service between specific locations for a specified and mutually agree upon length of time.

**Terminal Equipment** - Telecommunications devices, apparatus and associated wiring on the Customer-designated premises.

**Terminating Direction** - The use of Switched Access Service for the completion of calls from an IC's premises to an End User premises.

**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.

**EXHIBIT B**  
**Revised Tariff Pages**

Case No. 11-5747-TP-ATA

## INTRASTATE ACCESS SERVICES

**CHECK SHEET**

Pages of this tariff, as indicated below, are effective as of the date shown at the bottom of the respective pages. Original and revised pages, as named below, comprise all changes from the original tariff and are currently in effect as of the date on the bottom of this page.

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6	Original		29.3	Original	*	51	Original
7	1st Rev.	*	29.4	Original	*	52	Original
8	2nd Rev.	*	29.5	Original	*	53	Original
9	1st Rev.		29.6	Original	*	54	Original
10	1st Rev.	*	30	Original		55	3rd Rev.
11	1st Rev.		31	Original		55.1	1st Rev.
12	1st Rev.	*	32	Original		56	Original
13	Original		33	Original		57	2nd Rev.
14	Original		34	Original		57.1	Original
15	Original		35	1st Rev.		58	Original
16	Original		36	Original		59	Original
17	Original		37	1st Rev.			
18	Original		38	Original			
19	1st Rev.		39	Original			
20	Original		40	1st Rev.			
21	Original		41	Original			
22	Original		42	Original			
23	Original		43	Original			
24	Original		44	Original			
25	Original		45	Original			
26	Original						

\* - indicates those pages included with this filing

Issued: February 16, 2012

Effective: March 17, 2012

Kelly Faul – Regulatory Affairs Director  
13865 Sunrise Valley Dr.  
Herndon, VA 20171

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INTRASTATE ACCESS SERVICES

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**SECTION 1 - DEFINITIONS**

The following definitions are applicable to this tariff:

**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 Service Request (ASR)** - The industry service order format used by Access Service Customers and access providers as agreed to by the Ordering and Billing Forum.

**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.

**Account** - The Customer who has agreed, verbally or by signature, to honor the terms of service established by the Company. An account may have more than one access code billed to the same Customer address.

**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)

**Bit** - The smallest unit of information in a binary system of notation.

**Bits Per Second (bps)** - The number of bits transmitted in a one second interval.

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

**Channel** - A path for electrical transmission between two or more points, the path having a bandwidth and termination of the Customer's choosing.

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

INTRASTATE ACCESS SERVICES

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**SECTION 1 - DEFINITIONS (CONT'D.)**

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

**Central Office** - A local Company switching system where 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.

**City** - For the purposes of this tariff, the term City denotes a specific geographic area served by the Carrier. A City is typically a metropolitan area and may include one or more adjacent or nearby areas in which the Carrier has network facilities.

**Collocation** - Carrier facilities and/or equipment located in the same building -- generally a LEC central office.

**Commission** - The Public Utilities Commission of Ohio (P.U.C.O.)

**Communications System** - Denotes channels and other facilities which are capable of communications between terminal equipment provided by an entity other than the Company.

**Company** - Denotes XO Communications Services, Inc. and /or any Concurring Carriers.

**Company's Network** - Equipment, cabling, and/or connections owned, leased or otherwise used by the Company or the Company's agents to provide service to the Customer pursuant to this tariff.

**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, and other carriers or providers that originate or terminate Toll VoIP-PSTN Traffic, or otherwise exchange Toll VoIP-PSTN Traffic with the Company.

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**Customer Agreement** - The mutual agreement between the Company and the Customer for the provision of the Company's service.

**Customer Designated Premises** - The premises specified by the Customer for termination of Access Services.

**Customer Point of Presence** - The physical location associated with the Customer's communication system.

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INTRASTATE ACCESS SERVICES

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**SECTION 1 - DEFINITIONS (CONT'D.)**

**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.

**Interexchange Carrier (IC)** - Any individual, partnership, association, corporation or other entity engaged in communication for hire by wire or radio between two or more exchanges.

**Hertz** - A unit of frequency equal to one cycle per second.

**Holidays** - New Year's Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

**Interstate** - For the purpose of this tariff, the term Interstate applies to the regulatory jurisdiction of services used for communications between locations located in different states within the United States or between one or more location in the United States and one or more international locations.

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

**Intrastate Communications** - Any communications which originates and terminates within the same state.

**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.

**Message** - A Message is a Call as defined above.

**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. (N)

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INTRASTATE ACCESS SERVICES

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**SECTION 1 - DEFINITIONS (CONT'D.)**

**Serving Wire Center** - The wire center from which the Customer-designated premises would normally obtain dial tone from the Company.

**Special Access** - See Dedicated Access.

**Term Agreement** - A method of purchasing the Company's services whereby the Customer agrees to purchase service between specific locations for a specified and mutually agree upon length of time.

**Terminal Equipment** - Telecommunications devices, apparatus and associated wiring on the Customer-designated premises.

**Terminating Direction** - The use of Switched Access Service for the completion of calls from an IC's premises to an End User premises.

**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 IP format when it originates from and/or terminates to an end user of a service that requires IP-compatible customer premises equipment.

(N)  
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(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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INTRASTATE ACCESS SERVICES

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**SECTION 2 - TERMS AND CONDITIONS (CONT'D.)**

**2.20 Obligations of the Customer (Cont'd.)**

**2.20.9 Identification and Rating of Toll VoIP-PSTN Traffic**

**A. Scope**

1. Toll VoIP-PSTN Traffic is a Customer's 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 from and/or terminates to an end user of a service that requires IP-compatible customer premises equipment.
2. In the absence of an agreement between the Company and the Customer specifying the treatment of Toll VoIP-PSTN Traffic, this section governs 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. 10-08, adopted October 27, 2011 and released November 18, 2011 ("FCC 11-161")
3. This section will be applied to identify intrastate Toll VoIP-PSTN Traffic exchanged with a Customer that is a local exchange carrier only to the extent that the Customer has also implemented billing for intrastate Toll VoIP-PSTN Traffic in accordance with FCC 11-161.

**B. Rating of Toll VoIP-PSTN Traffic**

As of December 29, 2011, all interstate Toll VoIP-PSTN Traffic and any intrastate Toll VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to the Company's interstate switched access rates as provided in sections 5 and 6 of Tariff FCC No. 1.

**C. Calculation and Application of Percent-VoIP-Usage Factor**

The Company will determine the number of intrastate Toll VoIP-PSTN Traffic minutes of use ("MOU") to which interstate switched access rates will be applied under section 2.20.10.B, above, by applying a Percent VoIP Usage ("PVU") factor to the total intrastate access MOU exchanged between the Company and the Customer. The PVU will be derived and applied as follows:

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INTRASTATE ACCESS SERVICES

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**SECTION 2 - TERMS AND CONDITIONS (CONT'D.)****2.20 Obligations of the Customer (Cont'd.)****2.20.9 Identification and Rating of Toll VoIP-PSTN Traffic (Cont'd)****C. Calculation and Application of Percent-VoIP-Usage Factor (Cont'd)**

1. The Customer will calculate and furnish to the Company a factor (the "PVU-C") representing the percentage of the total intrastate and interstate switched access MOU that the Customer exchanges with the Company in the state, that (a) is sent to the Company and that originated in IP format; or (b) is received from the Company and terminated in IP format. This PVU-C shall be based on information such as the number of the Customer's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.
2. The Company will, likewise, calculate a factor (the "PVU-X") representing the percentage of the Company's total intrastate and interstate access MOU in the state that the Company originates or terminates on its network in IP format. This PVU-X shall be based on information, such as the number of the Company's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.
3. The Company will use the PVU-C and PVU-X factors to calculate a PVU factor that represents the percentage of total intrastate and interstate access MOU exchanged between the Company and the Customer that is originated or terminated in IP format, whether at the Company's end, at the Customer's end, or at both ends. The PVU factor will be calculated as the sum of: (A) the PVU-C factor and (B) the PVU-X factor times (1.0 minus the PVU-C factor).
4. The Company will apply the PVU factor to the total intrastate access MOU exchanged with the Customer in order to determine the number of intrastate Toll VoIP-PSTN Traffic MOU.

Example 1: The PVU-C is 40% and the PVU-X is 10%. The PVU factor is equal to  $40\% + (10\% \times 60\%) = 46\%$ . The Company will bill 46% of the Customer's intrastate access MOU at the Company's tariffed interstate switched access rates.

Example 2: The PVU-C is 0% and the PVU-X is 10%. The PVU factor is equal to  $0\% + (10\% \times 100\%) = 10\%$ . The Company will bill 10% of the Customer's intrastate access MOU at the Company's tariffed interstate switched access rates.

Example 3: The PVU-C is 100%. No matter what the PVU-X factor is, the PVU is 100%. The Company will bill 100% of the Customer's intrastate access MOU at the Company's tariffed interstate switched access rates.

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INTRASTATE ACCESS SERVICES

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**SECTION 2 - TERMS AND CONDITIONS (CONT'D.)**

**2.20 Obligations of the Customer (Cont'd.)**

**2.20.9 Identification and Rating of Toll VoIP-PSTN Traffic (Cont'd)**

**C. Calculation and Application of Percent-VoIP-Usage Factor (Cont'd)**

5. The Customer shall not modify its reported PIU factor to account for Toll VoIP-PSTN Traffic.
6. The Customer shall retain any call detail, work papers and information used to develop the PVU-C factor for a minimum of one year.
7. If the Customer does not furnish the Company with a PVU-C pursuant to section 2.20.10.C.1, above, the Company will utilize a PVU-C equal to zero.

**D. Initial PVU factor**

1. If the PVU factor cannot be implemented in the Company's billing systems by December 29, 2011, once the factor can be implemented, the Company will adjust the Customer's bills to reflect the PVU factor retroactively to December 29, 2011. In calculating the initial PVU, the Company will take the Customer-specified PVU-C into account retroactively to December 29, 2011, provided that the Customer provides the PVU-C factor to the Company no later than April 15, 2012; otherwise, the Company will set the initial PVU-C equal to zero and calculate the PVU accordingly.
2. The Company may choose to provide credits based on the PVU-C and PVU-X factors on a quarterly basis until such time as billing system modifications can be implemented.

**E. PVU Factor Updates**

1. The Customer may update the PVU-C factor quarterly using the method set forth in section 2.20.10.C.1, above. If the Customer chooses to submit such updates, it shall provide to the Company, no later than 15 days after the first day of January, April, July and/or October of each year, a revised PVU-C factor based on data for the prior three months, ending the last day of December, March, June, and September, respectively.
2. The Company may, likewise, update the PVU-X factor quarterly based on data for the prior three months.
3. The Company will use any revised PVU-C and/or PVU-X factors to calculate a revised PVU that will apply prospectively and serve as the basis for subsequent billing until superseded by a new PVU. No prorating or backbilling will be done based on the updated PVU-C or PVU-X factors.

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INTRASTATE ACCESS SERVICES

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**SECTION 2 - TERMS AND CONDITIONS (CONT'D.)**

**2.20 Obligations of the Customer (Cont'd.)**

**2.20.9 Identification and Rating of Toll VoIP-PSTN Traffic (Cont'd)**

**F. PVU Factor Verification**

1. Not more than twice in any year, the Company may request from the Customer an overview of the process used to determine the PVU-C factor, the call detail records, description of the method for determining how the end user originates or terminates calls in IP format, and other information used to determine the Customer's PVU-C factors furnished to the Company in order to validate the PVU-C factor supplied. The Customer shall supply the requested data and information within 30 days of the Company's request.
2. The Company may dispute the Customer's PVU-C factor based upon:
  - (a) A review of the requested data and information provided by the Customer.
  - (b) The Company's review of other market information, FCC reports on VoIP lines, such as FCC Form 477 or state level results based on FCC Local Competition Report or other relevant data.
  - (c) A change in the reported PVU-C factor by more than five percentage points from the preceding quarter.
3. If, after review of the data and information, the Customer and the Company agree upon a revised PVU-C factor, the Customer and the Company will begin using that revised PVU-C factor with the next bill period.

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INTRASTATE ACCESS SERVICES

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**SECTION 2 - TERMS AND CONDITIONS (CONT'D.)**

**2.20 Obligations of the Customer (Cont'd.)**

**2.20.9 Identification and Rating of Toll VoIP-PSTN Traffic (Cont'd)**

**F. PVU Factor Verification (Cont'd)**

4. If the dispute is unresolved, the Company may initiate an audit. The Company shall limit audits of the Customer's PVU-C factor to no more than two times per year. The Customer may request that the audit be conducted by an independent auditor. In such cases, the associated auditing expenses will be paid by the Customer.
  - (a) In the event that the Customer fails to provide adequate records to enable the Company or an independent auditor to conduct an audit verifying the Customer's PVU-C factor, the Company will bill the usage for all contested periods using the most recent undisputed PVU-C factors reported by the Customer. This PVU-C factor will remain in effect until the audit can be completed.
  - (b) The Company will adjust the Customer's PVU-C factor based on the results of the audit and implement the revised PVU-C in the next billing period or quarterly report date, whichever is first. The revised PVU-C factor will apply for the next two quarters before new factors can be submitted by the Customer.
  - (c) If the audit supports the disputed PVU-C factor submitted by the Customer, the usage for the contested periods will be adjusted to reflect such PVU-C factor.

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INTRASTATE ACCESS SERVICES

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**SECTION 2 - TERMS AND CONDITIONS (CONT'D.)**

**2.20 Obligations of the Customer (Cont'd.)**

**2.20.10 Call Signaling**

Depending on the signaling system used by the Customer in its network, the Customer's facilities shall transmit the following call signaling information, consistent with the requirements of 47 C.F.R. § 64.1600 et seq, as may be amended by the Federal Communications Commission, to the Company on traffic the Customer's end users originate which is handed off for termination on the 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.

**EXHIBIT C**  
**Transmittal**

**VIA ELECTRONIC FILING**

February 16, 2012

Public Utilities Commission of Ohio  
Attention: Docketing Division  
180 East Broad Street  
Columbus, Ohio 43215-3793

**Re: XO Communications Services, Inc, P.U.C.O. Tariff No. 4 Revisions**

To Whom It May Concern:

Please find enclosed an electronic copy of revisions to XO Communications Services, Inc. ("XO"), P.U.C.O. Tariff No. 4. This filing introduces tariff language for 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"). This filing also includes the addition of tariff language to specify the call signaling information the Customer is required to transmit on traffic handed off to the Company for termination.

The following revised pages have been included with this filing:

9th Revised Page 1	Original Page 29.1
1st Revised Page 7	Original Page 29.2
2nd Revised Page 8	Original Page 29.3
1st Revised Page 10	Original Page 29.4
1st Revised Page 12	Original Page 29.5
	Original Page 29.6

This tariff is being filed with an issued date of February 16, 2012 and an effective date of March 17, 2012.

If you have any questions, please contact me at 703-547-2615 or [sharon.e.adams@xo.com](mailto:sharon.e.adams@xo.com).

Sincerely,

/s/

Sharon Adams  
Senior Regulatory Analyst

Enclosures



**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**2/16/2012 3:55:47 PM**

**in**

**Case No(s). 12-0664-TP-ATA**

Summary: Tariff Introduces tariff language for Toll VoIP-PSTN Traffic and Call Signaling electronically filed by Sharon Adams on behalf of XO Communications Services, Inc./ Nextlink Wireless, Inc.