

EXHIBIT A
Superceded Tariff Pages

XO Communications Services, LLC
Kelly Faul, Senior Manager
22001 Loudoun County Pkwy
Ashburn, VA 20147
Case No. 19-1545-TP-ATA
Issued: August 5, 2019

P.U.C.O. Tariff No. 5
3rd Revised Title Page
Cancels 2nd Revised Title Page

Effective: September 10, 2019

LOCAL EXCHANGE SERVICES

Effective September 10, 2019, the services in this tariff are no longer available to new customers. Moves, additions and changes will no longer be permitted for existing customers. For existing Federal, State and Local Government Agencies, and Educational Institutions, modifications to current service offerings will continue to be subject to the tariff.

(N)

(N)

This tariff, Ohio Tariff No. 5 submitted on behalf of XO Communications Services, LLC, cancels and replaces Ohio Tariff No. 1, submitted on behalf of XO Communications Services, Inc. in its entirety.

TITLE PAGE

LOCAL EXCHANGE SERVICES TARIFF

OF

XO COMMUNICATIONS SERVICES, LLC

Certificate No. 90-9017

REGULATIONS AND SCHEDULE OF INTRASTATE CHARGES
APPLYING TO TIER 1 LOCAL EXCHANGE SERVICE
WITHIN THE STATE OF OHIO
IN THE COUNTIES OF

Cuyahoga
Franklin
Geauga
Licking
Madison
Pickaway
Summit
Union
Delaware

Fairfield
Lake
Hamilton
Clermont
Butler
Warren
Stark
Portage
Medina

Mahoning
Columbiana
Trumbull

XO Communications Services, LLC
 Kelly Faul, Regulatory Affairs Director
 13865 Sunrise Valley Drive
 Herndon, VA 20171
 Case No. 18-1719-TP-TRF
 Issued: November 28, 2018

P.U.C.O. Tariff No. 5
 17th Revised Page 1
 Cancels 16th Revised Page 1

Effective: January 1, 2019

LOCAL EXCHANGE 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
Title	2 nd Rev.		31	Original	62	Original
1	17 th Rev.	*	32	Original	63	Original
2	Original		33	1 st Rev.	64	Original
3	Original.		34	2 nd Rev.	65	Original
4	Original		35	Original	66	Original
5	1st Rev.		36	Original	67	1st Rev.
6	1st Rev.		37	Original	68	Original
7	1st Rev.		38	Original	69	5 th Rev. *
8	3 rd Rev.		39	Original	70	4 th Rev.
9	1st Rev.		40	Original	71	Original
10	Original		41	Original	72	4 th Rev. *
11	Original		42	Original	73	Original
12	1 st Rev.		43	Original	74	4 th Rev.
12.1	Original		44	Original	75	Original
13	1 st Rev.		45	Original	76	Original
14	1 st Rev.		46	Original	77	Original
15	Original		47	Original	78	Original
16	1st Rev.		48	Original	79	Original
17	Original		49	Original	80	Original
18	Original		50	Original	81	Original
19	Original		51	Original	82	Original
20	Original		52	Original		
21	Original		53	Original		
22	Original		54	Original		
23	Original		55	1st Rev.		
24	Original		56	Original		
25	Original		56.1	Original		
26	Original		57	Original		
27	Original		58	Original		
28	Original		59	Original		
29	1st Rev.		60	1st Rev.		
30	Original		61	Original		

* - indicates those pages included with this filing

XO Communications Services, Inc.

Kelly Faul –Senior Manager
22001 Loudoun County Pkwy
Ashburn, VA 20147
Case No. 19-1545-TP-ATA
Issued: August 5, 2019

P.U.C.O. Tariff No. 5
2nd Revised Page 12
Cancels 1st Revised Page 12

Effective: September 10, 2019

LOCAL EXCHANGE SERVICES

Effective September 10, 2019, the services in this tariff are no longer available to new customers. Moves, additions and changes will no longer be permitted for existing customers. For existing Federal, State and Local Government Agencies, and Educational Institutions, modifications to current service offerings will continue to be subject to the tariff.

(N)
|
(N)

SECTION 1 - DEFINITIONS

Advance Payment - Payment that may be required by the Company as a means of being compensated for extraordinary expenses, including, but not limited to, special construction costs associated with a particular service installation.

Authorized User - A person, firm, corporation or other entity that either is authorized by the Customer to use local exchange telephone service or is placed in a position by the Customer, either through acts or omissions, to use local exchange telephone service.

Basic Local Exchange Service (BLES) - residential-end-user access to and usage of telephone-company-provided services over a single line or small-business-end-user access to and usage of telephone-company-provided services over the primary access line of service, which in the case of residential and small-business access and usage is not part of a bundle or package of services, that does both of the following:

- (a) Enables a customer to originate or receive voice communications within a local service area as that area exists on the effective date of the amendment of this section by S.B. 162 of the 128th general assembly;
- (b) Consists of all of the following services:
 - (i) Local dial tone service;
 - (ii) For residential end users, flat-rate telephone exchange service;
 - (iii) Touch tone dialing service;
 - (iv) Access to and usage of 9-1-1 services, where such services are available;
 - (v) Access to operator services and directory assistance;
 - (vi) Provision of a telephone directory in any reasonable format for no additional charge and a listing in that directory, with reasonable accommodations made for private listings;
 - (vii) Per call, caller identification blocking services;
 - (viii) Access to telecommunications relay service; and
 - (ix) Access to toll presubscription, interexchange or toll providers or both, and networks of other telephone companies.

Some material on this page was moved to Page 12.

XO Communications Services, Inc.

Kelly Faul -Senior Manager
22001 Loudoun County Pkwy
Ashburn, VA 20147
Case No. 19-1545-TP-ATA
Issued: August 5, 2019

P.U.C.O. Tariff No. 5
1st Revised Page 15
Cancels Original Page 15

Effective: September 10, 2019

LOCAL EXCHANGE SERVICES

Effective September 10, 2019, the services in this tariff are no longer available to new customers. Moves, additions and changes will no longer be permitted for existing customers. For existing Federal, State and Local Government Agencies, and Educational Institutions, modifications to current service offerings will continue to be subject to the tariff.

(N)
|
(N)

SECTION 2 - REGULATIONS

2.1 Undertaking of the Company

2.1.1 Scope

The Company undertakes to furnish communications service in connection with one-way and/or two-way information transmission between points within the State of Ohio under the terms of this tariff.

Customers may use services and facilities provided under this tariff to obtain access to services offered by other service providers. The Company is responsible under this tariff only for the services and facilities provided herein, and it assumes no responsibility for any service provided by any other entity that purchases access to the Company network in order to originate or terminate its own services, or to communicate with its own Customers.

2.1.2 Shortage of Equipment or Facilities

- A.** The Company reserves the right to limit or allocate the use of existing facilities, or of additional facilities offered by the Company when necessary because of lack of facilities or due to some other cause beyond the Company's control.
- B.** The furnishing of service under this tariff is subject to the availability on a continuing basis of all the necessary facilities and is limited to the capacity of the Company's fiber optic cable facilities as well as facilities the Company may obtain from other carriers, from time to time, to furnish service as required at the sole discretion of the Company.

XO Communications Services, Inc.

Kelly Faul -Senior Manager
22001 Loudoun County Pkwy
Ashburn, VA 20147
Case No. 19-1545-TP-ATA
Issued: August 5, 2019

P.U.C.O. Tariff No. 5
1st Revised Page 45
Cancels Original Page 45

Effective: September 10, 2019

LOCAL EXCHANGE SERVICES

SECTION 3 - SERVICE DESCRIPTIONS - CATEGORY ONE

Effective September 10, 2019, the services in this tariff are no longer available to new customers. Moves, additions and changes will no longer be permitted for existing customers. For existing Federal, State and Local Government Agencies, and Educational Institutions, modifications to current service offerings will continue to be subject to the tariff.

(N)

(N)

The following sections will apply to customers who are served by a Central Office where the former XO Ohio, Inc. has facilities and to existing Customers of XO Ohio, Inc. as of February 25, 2005.

Category One - Sections 3.1 through 3.8

3.1 Local Exchange Service

The Company's Local Telephone Service provides a Customer with the ability to connect to the Company's switching network which enables the Customer to:

- place or receive calls to any calling Station in the local calling area, as defined herein;
- access enhanced 911 Emergency Service where available;
- access the interexchange carrier selected by the Customer for interLATA, intraLATA, interstate or international calling;
- access Operator Services;
- access Directory Assistance;
- place or receive calls to 800 telephone numbers;
- access Telecommunication Relay Service.

The Company's service can not be used to originate calls to other telephone companies' caller-paid information services (e.g., 900, 976). Calls to those numbers and other numbers used for caller-paid information services will be blocked by the Company's switch.

3.1.1 Access Recovery Charge

The Access Recovery Charge (ARC) is a monthly surcharge assessed to business customers (this surcharge will not apply to residential customers) in order to recover materially increased costs resulting from regulations adopted by the Federal Communications Commission in the *Matter of Unbundled Access to Network Elements and Review of the Unbundling Obligations of Incumbent Local Exchange Carriers*, (CC Docket 01-388 and WC Docket 04-313). The ARC is calculated by application of a percentage to each customer's total monthly recurring charges (MRCs). The ARC percentage to be applied will be determined by the customer's total MRCs on its monthly invoice. The chart below shows the ARC percentage that will be applied based on the MRCs

Effective: September 10, 2019

LOCAL EXCHANGE SERVICES

Effective September 10, 2019, the services in this tariff are no longer available to new customers. Moves, additions and changes will no longer be permitted for existing customers. For existing Federal, State and Local Government Agencies, and Educational Institutions, modifications to current service offerings will continue to be subject to the tariff.

SECTION 4 - SERVICE DESCRIPTIONS - CATEGORY TWO, (CONT'D.)

The following sections will apply to customers who are served by a Central Office where the former Allegiance Ohio, Inc. has facilities and to existing Customers of XO Ohio, Inc. as of February 25, 2005.

Category Two - Sections 4.1 through 4.7

4.1 Connection Charges

4.1.1 General

Connection Charges are nonrecurring charges which may apply to the following: (a) the installation of a new service; (b) the transfer of an existing service to a different location; (c) a change from one class of service to another at the same or a different location; or (d) restoral of service after suspension or termination for nonpayment. Connection Charges are listed with the service to which they apply or are provided in this Section.

The Company alone may make changes in the location of its lines and equipment. When it is found that a move or change of such lines or equipment has been made by others, the Connection Charge for the underlying service will apply as if the work had been done by the Company.

The Customer may be assessed a charge for any move, add or change of a Company service. Move, Add and Change are defined as follows:

Move - The disconnection of existing equipment at one location and reconnection of the same equipment at a new location in the same building or in a different building on the same premises.

Add - The addition of a service to existing equipment and/or service at one location.

Change - The change, including rearrangement or reclassification, of existing service at the same location.

4.1.2 Exceptions to the Connection Charge

The Company may from time to time waive or reduce the connection charges as part of a promotion or trial.

(N)
|
(N)

XO Communications Services, Inc.
 Kelly Faul - Senior Manager
 22001 Loudoun County Pkwy
 Ashburn, VA 20147
 Case No. 19-1545-TP-ATA
 Issued: August 5, 2019

P.U.C.O. Tariff No. 5
 1st Revised Page 68
 Cancels Original Page 68

Effective: September 10, 2019

LOCAL EXCHANGE SERVICES

Effective September 10, 2019, the services in this tariff are no longer available to new customers. Moves, additions and changes will no longer be permitted for existing customers. For existing Federal, State and Local Government Agencies, and Educational Institutions, modifications to current service offerings will continue to be subject to the tariff.

SECTION 5 - PRICE LIST - CATEGORY ONE

The following sections will apply to customers who are served by a Central Office where the former XO Ohio, Inc. has facilities and to existing Customers of XO Ohio, Inc. as of February 25, 2005.

Category One - Sections 5.1. thru 5.6

5.1 Local Line Rates

TIER ONE RATES - XO Basic Line Service - Local Only

No. Lines	Monthly	One Year	Two Years	Three years +
1	\$25.50	\$24.00	\$23.00	\$22.00

TIER TWO RATES - XO Basic Line Service - Local Only

No. Lines	Monthly	One Year	Two Years	Three years
1	\$25.50	\$24.00	\$23.00	\$22.00

Monthly Recurring Charges (grandfathered after March 7, 1998)

Basic Local Line - Line Charge

Month-to-Month	\$23.50
1 year	\$22.00
3 year	\$19.50

Flat Rate Local Calling, non recurring per line	\$11.00
Service Connection Charge (per line)	\$45.00

TIER ONE RATES

Month-to-month:	Per Call
Term Plan	\$0.070
	\$0.072

TIER TWO RATES

\$0.072

Extended Local Calls (ELC)

Mileage	8 AM to 9 PM, Monday-Friday		All Other Times	
	Initial Minute	Each Additional Minute	Initial Minute	Each Additional Minute
0-10	\$0.038	\$0.010	\$0.019	\$0.005
11-22	\$0.043	\$0.014	\$0.021	\$0.007
23+	\$0.048	\$0.019	\$0.024	\$0.0095

Unlimited Local Calling (per month):	\$24.00
--------------------------------------	---------

Measured Rate Service

Initial Minute	Peak \$0.044
Initial Minute	Off-Peak \$ 0.0185

(N)
 |
 (N)

XO Communications Services, Inc.
Kelly Faul, Senior Manager
22001 Loudoun County Pkwy
Ashburn, VA 20147
Case No. 19-1545-TP-ATA
Issued: August 5, 2019

P.U.C.O. Tariff No. 5
1st Revised Page 71
Cancels Original Page 71

Effective: September 10, 2019

LOCAL EXCHANGE SERVICES

Effective September 10, 2019, the services in this tariff are no longer available to new customers. Moves, additions and changes will no longer be permitted for existing customers. For existing Federal, State and Local Government Agencies, and Educational Institutions, modifications to current service offerings will continue to be subject to the tariff.

(N)
|
(N)

SECTION 6 - PRICE LIST - CATEGORY TWO

The following sections will apply to customers who are served by a Central Office where the former Allegiance Telecom of Ohio, Inc. has facilities and to existing Customers of XO Ohio, Inc. as of February 25, 2005.

Category Two - Sections 6.1 through 6.6

6.1 Connection Charges

A. Line Restoral Charge

	NRC
Company initiated suspension	\$20.00

6.2 Service Order Charges

	NRC
Account Setup Fee , per account, per location (Applies when establishing a new account with the Company)	\$25.00
Primary Service Order Charge , per order (to add or Change existing service)	\$50.00
Record Order Charge , per account (Applies when the Company must make charges to its records due to a customer requested change in service)	\$15.00
Single Line Connection Charge , per Line or Trunk (Applies when new or add'l service is established)	\$24.35
Subsequent Service Order Charge per order (adding features, changing existing features, telephone number change)	\$50.00
Technician Visit Charge* , per occurrence (Applies to add, move, or change requests requiring a technician to be dispatched for work to be completed)	\$150.00

6.3 Presubscription-2 (PIC)

	NRC
Per line, trunk, or port (manual change)	\$5.00
Per line, trunk, or port (electronic change)	\$1.25

Issued: August 5, 2019

Effective: September 10, 2019

LOCAL EXCHANGE SERVICES

Effective September 10, 2019, the services in this tariff are no longer available to new customers. Moves, additions and changes will no longer be permitted for existing customers. For existing Federal, State and Local Government Agencies, and Educational Institutions, modifications to current service offerings will continue to be subject to the tariff.

(N)
|
|
(N)

SECTION 7 - CONTRACT TARIFFS

7.1 Contract Tariff Option 101

- 7.1.1 Description:** This Contract Tariff Option provides a discount on Monthly Recurring Charges (MRCs) for customers who order any of the following newly installed services ("Subscribed Services") in accordance with the requirements set forth in this Contract Tariff Option 101:

Rate/Service Element	Tariff Section
Small Business Basic Business Line	3.8.1

- 7.1.2 Eligibility:** The customer must meet all of the following criteria in order to be eligible to receive the rates, terms and conditions of this Contract Tariff Option 101:

- A.** The customer must subscribe to this Option 101 by submitting a written authorization in a manner designated by the Company during the period from April 4, 2015 through July 31, 2015 (the "Subscription Period");
- B.** The customer must order new installations of at least one of the following services listed above in Section 7.1.1.
- C.** The customer must accept service on the original service date. If the customer does not accept service on the original service date, the customer's acceptance of the service on a later date will make the service ineligible for the discount provided under this Option 101, unless the later date is designated by the Company.
- D.** The customer may not concurrently subscribe to any other contract tariff option, special service arrangement, or Individual Case Basis (ICB) arrangement offered by the Company and available to the customer either currently or at any time during the Service Period, which contract tariff option, special service arrangement, or ICB provides a discount, credit or other reduction in rates or terms based on achievement of revenue or volume targets by the customer for the services ordered pursuant to this Option 101.

- 7.1.3 Service Period:** The Service Period subscribed to under this Option 101 is one, two, or three years and Company and Customer must agree on the service period prior to commencement of service. The Service Period shall commence on the day that the newly installed service is accepted by the customer and end at the end of the term associated with the service period subscribed to.

7.1.4 Terms and Conditions

- A.** Except as set forth in this Option 101, the rates, terms and conditions set forth in the sections listed for the Subscribed Services shown in Section 7.1.1 will apply for the Subscribed Service

EXHIBIT B
Proposed Tariff Pages

XO Communications Services, LLC
Kelly Faul, Senior Manager
22001 Loudoun County Pkwy
Ashburn, VA 20147
Case No. 19-2139-TP-ZTA
Issued: December 17, 2019

P.U.C.O. Tariff No. 5
4th Revised Title Page
Cancels 3rd Revised Title Page

Effective: January 31, 2020

LOCAL EXCHANGE SERVICES

Effective January 31, 2020, the services in this tariff are withdrawn for all customers except Federal, State and Local Government Agencies, and Educational Institutions (whether public or private, including elementary and secondary schools and colleges/universities). A reasonable transition period beyond January 31, 2020 may be permitted for those customers of withdrawn services that have contacted the Company prior to January 31, 2020 where the Company determines that additional time is needed to establish a replacement service or for complex services that the Company determines require additional time to complete the disconnection of all circuits.

(N)

(N)

This tariff, Ohio Tariff No. 5 submitted on behalf of XO Communications Services, LLC, cancels and replaces Ohio Tariff No. 1, submitted on behalf of XO Communications Services, Inc. in its entirety.

TITLE PAGE

LOCAL EXCHANGE SERVICES TARIFF

OF

XO COMMUNICATIONS SERVICES, LLC

Certificate No. 90-9017

REGULATIONS AND SCHEDULE OF INTRASTATE CHARGES
APPLYING TO TIER 1 LOCAL EXCHANGE SERVICE
WITHIN THE STATE OF OHIO
IN THE COUNTIES OF

Cuyahoga
Franklin
Geauga
Licking
Madison
Pickaway
Summit
Union
Delaware

Fairfield
Lake
Hamilton
Clermont
Butler
Warren
Stark
Portage
Medina

Mahoning
Columbiana
Trumbull

XO Communications Services, LLC
 Kelly Faul, Regulatory Affairs Director
 13865 Sunrise Valley Drive
 Herndon, VA 20171
 Case No. 19-2139-TP-ZTA
 Issued: December 17, 2019

P.U.C.O. Tariff No. 5
 18th Revised Page 1
 Cancels 17th Revised Page 1

Effective: January 31, 2020

LOCAL EXCHANGE 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
Title	4 th Rev.	*	31	Original	62	Original
1	18 th Rev.	*	32	Original	63	Original
2	Original		33	1 st Rev.	64	Original
3	Original.		34	2 nd Rev.	65	Original
4	Original		35	Original	66	Original
5	1st Rev.		36	Original	67	1st Rev.
6	1st Rev.		37	Original	68	2 nd Rev. *
7	1st Rev.		38	Original	69	5 th Rev.
8	3 rd Rev.		39	Original	70	4 th Rev.
9	1st Rev.		40	Original	71	2 nd Rev. *
10	Original		41	Original	72	4 th Rev.
11	Original		42	Original	73	Original
12	3 rd Rev.	*	43	Original	74	4 th Rev.
12.1	Original		44	Original	75	2 nd Rev. *
13	1 st Rev.		45	2 nd Rev. *	76	Original
14	1 st Rev.		46	Original	77	Original
15	2 nd Rev.	*	47	Original	78	Original
16	1st Rev.		48	Original	79	Original
17	Original		49	Original	80	Original
18	Original		50	Original	81	Original
19	Original		51	Original	82	Original
20	Original		52	Original		
21	Original		53	Original		
22	Original		54	Original		
23	Original		55	1st Rev.		
24	Original		56	Original		
25	Original		56.1	Original		
26	Original		57	2 nd Rev. *		
27	Original		58	Original		
28	Original		59	Original		
29	1st Rev.		60	1st Rev.		
30	Original		61	Original		

* - indicates those pages included with this filing

XO Communications Services, LLC (T)

Kelly Faul –Senior Manager
22001 Loudoun County Pkwy
Ashburn, VA 20147
Case No. 19-2139-TP-ZTA
Issued: December 17, 2019

P.U.C.O. Tariff No. 5
3rd Revised Page 12
Cancels 2nd Revised Page 12

Effective: January 31, 2020

LOCAL EXCHANGE SERVICES

Effective January 31, 2020, the services in this tariff are withdrawn for all customers except Federal, State and Local Government Agencies, and Educational Institutions (whether public or private, including elementary and secondary schools and colleges/universities). A reasonable transition period beyond January 31, 2020 may be permitted for those customers of withdrawn services that have contacted the Company prior to January 31, 2020 where the Company determines that additional time is needed to establish a replacement service or for complex services that the Company determines require additional time to complete the disconnection of all circuits.

(N)
|
(N)

SECTION 1 - DEFINITIONS

Advance Payment - Payment that may be required by the Company as a means of being compensated for extraordinary expenses, including, but not limited to, special construction costs associated with a particular service installation.

Authorized User - A person, firm, corporation or other entity that either is authorized by the Customer to use local exchange telephone service or is placed in a position by the Customer, either through acts or omissions, to use local exchange telephone service.

Basic Local Exchange Service (BLES) - residential-end-user access to and usage of telephone-company-provided services over a single line or small-business-end-user access to and usage of telephone-company-provided services over the primary access line of service, which in the case of residential and small-business access and usage is not part of a bundle or package of services, that does both of the following:

(a) Enables a customer to originate or receive voice communications within a local service area as that area exists on the effective date of the amendment of this section by S.B. 162 of the 128th general assembly;

(b) Consists of all of the following services:

(i) Local dial tone service;

(ii) For residential end users, flat-rate telephone exchange service;

(iii) Touch tone dialing service;

(iv) Access to and usage of 9-1-1 services, where such services are available;

(v) Access to operator services and directory assistance;

(vi) Provision of a telephone directory in any reasonable format for no additional charge and a listing in that directory, with reasonable accommodations made for private listings;

(vii) Per call, caller identification blocking services;

(viii) Access to telecommunications relay service; and

(ix) Access to toll presubscription, interexchange or toll providers or both, and networks of other telephone companies.

Some material on this page was moved to Page 12.

XO Communications Services, LLC (T)

Kelly Faul -Senior Manager
22001 Loudoun County Pkwy
Ashburn, VA 20147
Case No. 19-2139-TP-ZTA
Issued: December 17, 2019

P.U.C.O. Tariff No. 5
2nd Revised Page 15
Cancels 1st Revised Page 15

Effective: January 31, 2020

LOCAL EXCHANGE SERVICES

Effective January 31, 2020, the services in this tariff are withdrawn for all customers except Federal, State and Local Government Agencies, and Educational Institutions (whether public or private, including elementary and secondary schools and colleges/universities). A reasonable transition period beyond January 31, 2020 may be permitted for those customers of withdrawn services that have contacted the Company prior to January 31, 2020 where the Company determines that additional time is needed to establish a replacement service or for complex services that the Company determines require additional time to complete the disconnection of all circuits.

(N)

(N)

SECTION 2 - REGULATIONS

2.1 Undertaking of the Company

2.1.1 Scope

The Company undertakes to furnish communications service in connection with one-way and/or two-way information transmission between points within the State of Ohio under the terms of this tariff.

Customers may use services and facilities provided under this tariff to obtain access to services offered by other service providers. The Company is responsible under this tariff only for the services and facilities provided herein, and it assumes no responsibility for any service provided by any other entity that purchases access to the Company network in order to originate or terminate its own services, or to communicate with its own Customers.

2.1.2 Shortage of Equipment or Facilities

- A.** The Company reserves the right to limit or allocate the use of existing facilities, or of additional facilities offered by the Company when necessary because of lack of facilities or due to some other cause beyond the Company's control.
- B.** The furnishing of service under this tariff is subject to the availability on a continuing basis of all the necessary facilities and is limited to the capacity of the Company's fiber optic cable facilities as well as facilities the Company may obtain from other carriers, from time to time, to furnish service as required at the sole discretion of the Company.

XO Communications Services, LLC (T)

Kelly Faul -Senior Manager
22001 Loudoun County Pkwy
Ashburn, VA 20147
Case No. 19-2139-TP-ZTA
Issued: December 17, 2019

P.U.C.O. Tariff No. 5
2nd Revised Page 45
Cancels 1st Revised Page 45

Effective: January 31, 2020

LOCAL EXCHANGE SERVICES

SECTION 3 - SERVICE DESCRIPTIONS - CATEGORY ONE

Effective January 31, 2020, the services in this tariff are withdrawn for all customers except Federal, State and Local Government Agencies, and Educational Institutions (whether public or private, including elementary and secondary schools and colleges/universities). A reasonable transition period beyond January 31, 2020 may be permitted for those customers of withdrawn services that have contacted the Company prior to January 31, 2020 where the Company determines that additional time is needed to establish a replacement service or for complex services that the Company determines require additional time to complete the disconnection of all circuits.

(N)

(N)

The following sections will apply to customers who are served by a Central Office where the former XO Ohio, Inc. has facilities and to existing Customers of XO Ohio, Inc. as of February 25, 2005.

Category One - Sections 3.1 through 3.8

3.1 Local Exchange Service

The Company's Local Telephone Service provides a Customer with the ability to connect to the Company's switching network which enables the Customer to:

- place or receive calls to any calling Station in the local calling area, as defined herein;
- access enhanced 911 Emergency Service where available;
- access the interexchange carrier selected by the Customer for interLATA, intraLATA, interstate or international calling;
- access Operator Services;
- access Directory Assistance;
- place or receive calls to 800 telephone numbers;
- access Telecommunication Relay Service.

The Company's service can not be used to originate calls to other telephone companies' caller-paid information services (e.g., 900, 976). Calls to those numbers and other numbers used for caller-paid information services will be blocked by the Company's switch.

3.1.1 Access Recovery Charge

The Access Recovery Charge (ARC) is a monthly surcharge assessed to business customers (this surcharge will not apply to residential customers) in order to recover materially increased costs resulting from regulations adopted by the Federal Communications Commission *in the Matter of Unbundled Access to Network Elements and Review of the Unbundling Obligations of Incumbent Local Exchange Carriers*, (CC Docket 01-388 and WC Docket 04-313). The ARC is calculated by application of a percentage to each customer's total monthly recurring charges (MRCs). The ARC percentage to be applied will be determined by the customer's total MRCs on its monthly invoice. The chart below shows the ARC percentage that will be applied based on the MRCs

Effective: January 31, 2020

LOCAL EXCHANGE SERVICES

Effective January 31, 2020, the services in this tariff are withdrawn for all customers except Federal, State and Local Government Agencies, and Educational Institutions (whether public or private, including elementary and secondary schools and colleges/universities). A reasonable transition period beyond January 31, 2020 may be permitted for those customers of withdrawn services that have contacted the Company prior to January 31, 2020 where the Company determines that additional time is needed to establish a replacement service or for complex services that the Company determines require additional time to complete the disconnection of all circuits.

(N)

(N)

SECTION 4 - SERVICE DESCRIPTIONS - CATEGORY TWO, (CONT'D.)

The following sections will apply to customers who are served by a Central Office where the former Allegiance Ohio, Inc. has facilities and to existing Customers of XO Ohio, Inc. as of February 25, 2005.

Category Two - Sections 4.1 through 4.7

4.1 Connection Charges

4.1.1 General

Connection Charges are nonrecurring charges which may apply to the following: (a) the installation of a new service; (b) the transfer of an existing service to a different location; (c) a change from one class of service to another at the same or a different location; or (d) restoral of service after suspension or termination for nonpayment. Connection Charges are listed with the service to which they apply or are provided in this Section.

The Company alone may make changes in the location of its lines and equipment. When it is found that a move or change of such lines or equipment has been made by others, the Connection Charge for the underlying service will apply as if the work had been done by the Company.

The Customer may be assessed a charge for any move, add or change of a Company service. Move, Add and Change are defined as follows:

Move - The disconnection of existing equipment at one location and reconnection of the same equipment at a new location in the same building or in a different building on the same premises.

Add - The addition of a service to existing equipment and/or service at one location.

Change - The change, including rearrangement or reclassification, of existing service at the same location.

4.1.2 Exceptions to the Connection Charge

The Company may from time to time waive or reduce the connection charges as part of a promotion or trial.

XO Communications Services, LLC (T)

Kelly Faul - Senior Manager
 22001 Loudoun County Pkwy
 Ashburn, VA 20147
 Case No. 19-2139-TP-ZTA
 Issued: December 17, 2019

P.U.C.O. Tariff No. 5
 2nd Revised Page 68
 Cancels 1st Revised Page 68

Effective: January 31, 2020

LOCAL EXCHANGE SERVICES

Effective January 31, 2020, the services in this tariff are withdrawn for all customers except Federal, State and Local Government Agencies, and Educational Institutions (whether public or private, including elementary and secondary schools and colleges/universities). A reasonable transition period beyond January 31, 2020 may be permitted for those customers of withdrawn services that have contacted the Company prior to January 31, 2020 where the Company determines that additional time is needed to establish a replacement service or for complex services that the Company determines require additional time to complete the disconnection of all circuits.

(N)

(N)

SECTION 5 - PRICE LIST - CATEGORY ONE

The following sections will apply to customers who are served by a Central Office where the former XO Ohio, Inc. has facilities and to existing Customers of XO Ohio, Inc. as of February 25, 2005.

Category One - Sections 5.1. thru 5.6
5.1 Local Line Rates
TIER ONE RATES - XO Basic Line Service - Local Only

No. Lines	Monthly	One Year	Two Years	Three years +
1	\$25.50	\$24.00	\$23.00	\$22.00

TIER TWO RATES - XO Basic Line Service - Local Only

No. Lines	Monthly	One Year	Two Years	Three years
1	\$25.50	\$24.00	\$23.00	\$22.00

Monthly Recurring Charges (grandfathered after March 7, 1998)

Basic Local Line - Line Charge

Month-to-Month	\$23.50
1 year	\$22.00
3 year	\$19.50

Flat Rate Local Calling, non recurring per line	\$11.00
Service Connection Charge (per line)	\$45.00

TIER ONE RATES

Month-to-month:	Per Call
Term Plan	\$0.070
	\$0.072

TIER TWO RATES

\$0.072

Extended Local Calls (ELC)

Mileage	8 AM to 9 PM, Monday-Friday		All Other Times	
	Initial Minute	Each Additional Minute	Initial Minute	Each Additional Minute
0-10	\$0.038	\$0.010	\$0.019	\$0.005
11-22	\$0.043	\$0.014	\$0.021	\$0.007
23+	\$0.048	\$0.019	\$0.024	\$0.0095

Unlimited Local Calling (per month):	\$24.00
--------------------------------------	---------

Measured Rate Service

Initial Minute	Peak \$0.044
Initial Minute	Off-Peak \$ 0.0185

XO Communications Services, LLC (T).
Kelly Faul, Senior Manager
22001 Loudoun County Pkwy
Ashburn, VA 20147
Case No. 19-2139-TP-ZTA
Issued: December 17, 2019

P.U.C.O. Tariff No. 5
2nd Revised Page 71
Cancels 1st Revised Page 71

Effective: January 31, 2020

LOCAL EXCHANGE SERVICES

Effective January 31, 2020, the services in this tariff are withdrawn for all customers except Federal, State and Local Government Agencies, and Educational Institutions (whether public or private, including elementary and secondary schools and colleges/universities). A reasonable transition period beyond January 31, 2020 may be permitted for those customers of withdrawn services that have contacted the Company prior to January 31, 2020 where the Company determines that additional time is needed to establish a replacement service or for complex services that the Company determines require additional time to complete the disconnection of all circuits.

(N)
|
(N)

SECTION 6 - PRICE LIST - CATEGORY TWO

The following sections will apply to customers who are served by a Central Office where the former Allegiance Telecom of Ohio, Inc. has facilities and to existing Customers of XO Ohio, Inc. as of February 25, 2005.
Category Two - Sections 6.1 through 6.6

6.1 Connection Charges

A. Line Restoral Charge

Company initiated suspension

NRC
\$20.00

6.2 Service Order Charges

Account Setup Fee, per account, per location (Applies when establishing a new account with the Company)

NRC
\$25.00

Primary Service Order Charge, per order (to add or Change existing service)

\$50.00

Record Order Charge, per account

(Applies when the Company must make charges to its records due to a customer requested change in service)

\$15.00

Single Line Connection Charge, per Line or Trunk

(Applies when new or add'l service is established)

\$24.35

Subsequent Service Order Charge per order (adding features, changing existing features, telephone number change)

\$50.00

Technician Visit Charge*, per occurrence (Applies to add, move, or change requests requiring a technician to be dispatched for work to be completed)

\$150.00

6.3 Presubscription-2 (PIC)

Per line, trunk, or port (manual change)

Per line, trunk, or port (electronic change)

NRC
\$5.00
\$1.25

Issued: December 17, 2019

Effective: January 31, 2020

LOCAL EXCHANGE SERVICES

Effective January 31, 2020, the services in this tariff are withdrawn for all customers except Federal, State and Local Government Agencies, and Educational Institutions (whether public or private, including elementary and secondary schools and colleges/universities). A reasonable transition period beyond January 31, 2020 may be permitted for those customers of withdrawn services that have contacted the Company prior to January 31, 2020 where the Company determines that additional time is needed to establish a replacement service or for complex services that the Company determines require additional time to complete the disconnection of all circuits.

(N)
|
(N)

SECTION 7 - CONTRACT TARIFFS

7.1 Contract Tariff Option 101

7.1.1 Description: This Contract Tariff Option provides a discount on Monthly Recurring Charges (MRCs) for customers who order any of the following newly installed services ("Subscribed Services") in accordance with the requirements set forth in this Contract Tariff Option 101:

Rate/Service Element	Tariff Section
Small Business Basic Business Line	3.8.1

7.1.2 Eligibility: The customer must meet all of the following criteria in order to be eligible to receive the rates, terms and conditions of this Contract Tariff Option 101:

- A.** The customer must subscribe to this Option 101 by submitting a written authorization in a manner designated by the Company during the period from April 4, 2015 through July 31, 2015 (the "Subscription Period");
- B.** The customer must order new installations of at least one of the following services listed above in Section 7.1.1.
- C.** The customer must accept service on the original service date. If the customer does not accept service on the original service date, the customer's acceptance of the service on a later date will make the service ineligible for the discount provided under this Option 101, unless the later date is designated by the Company.
- D.** The customer may not concurrently subscribe to any other contract tariff option, special service arrangement, or Individual Case Basis (ICB) arrangement offered by the Company and available to the customer either currently or at any time during the Service Period, which contract tariff option, special service arrangement, or ICB provides a discount, credit or other reduction in rates or terms based on achievement of revenue or volume targets by the customer for the services ordered pursuant to this Option 101.

7.1.3 Service Period: The Service Period subscribed to under this Option 101 is one, two, or three years and Company and Customer must agree on the service period prior to commencement of service. The Service Period shall commence on the day that the newly installed service is accepted by the customer and end at the end of the term associated with the service period subscribed to.

7.1.4 Terms and Conditions

- A.** Except as set forth in this Option 101, the rates, terms and conditions set forth in the sections listed for the Subscribed Services shown in Section 7.1.1 will apply for the Subscribed Service

EXHIBIT C
Transmittal

VIA ELECTRONIC FILING

December 16, 2019

Public Utilities Commission of Ohio
Attention: Docketing Division
180 East Broad Street
Columbus, Ohio 43215-3793**Re: XO Communications Services, LLC P.U.C.O. Tariff No.
5 Case No. 19-2139-TP-ZTA**

To Whom It May Concern:

Please find enclosed original copy of revisions to XO Communications Services, LLC's ("XO"), P.U.C.O. Tariff No. 5. These revisions introduce withdrawal language. Customers have been advised of this change via customer letter.

The following revised pages are included with this filing:

4th Revised Title Page
18th Revised Page 1
3rd Revised Page 12
2nd Revised Page 15
2nd Revised Page 45
2nd Revised Page 57
2nd Revised Page 68
2nd Revised Page 71
2nd Revised Page 75

These revisions are being filed with an issued date of December 17, 2019 and effective date of January 31, 2020.

If you have any questions, please contact me at 703-694-5950 or daniel.ostroff@verizon.com.

Sincerely,

/s/ Daniel G. Ostroff

Daniel G. Ostroff
Analyst, State Government Affairs

Enclosures

EXHIBIT D
Customer Notice



Verizon
One Verizon Way
VC22W464
Basking Ridge, NJ 07920

Verizon Federal
22001 Loudon County Parkway
Ashburn, VA 20147

June 28, 2019

Name of primary point of contact

Business Name

Billing Address 1

Billing Address 2

Billing Address 3

City, State ZIP

Account number

Re: Discontinuance of Services Offered by XO Communications Services, LLC (One Verizon Way, Basking Ridge, NJ 07920) and XO Virginia, LLC (One Verizon Way, Basking Ridge, NJ 07920)

Dear Valued Customer,

This is a formal notification about important upcoming changes to some of the services offered by Verizon subsidiaries XO Communications Services, LLC and XO Virginia, LLC (collectively 'XO'). XO will no longer be offering the services listed in 'Attachment A', subject to applicable regulatory-agency approvals and contractual obligations.

Please note that the only XO services that are affected are those listed in this notice. If your XO services are not described in this notice, you do not need to take any action.

We are sending this notice to all XO customers to advise you of these changes and ask that you review Attachment A to see if your service is listed.

Verizon appreciates your business and would be pleased to work with you to transfer any of these services to alternative Verizon solutions, as available. Additional information about the changes is provided below.

Action required

We urge you to migrate applications that use the services listed in Attachment A to alternate Verizon services, as available.

New Customers, Moves, Additions, and Changes: On or after September 10, 2019, subject to applicable regulatory-agency approvals and contractual obligations, new customers will not be able to buy the services listed in Attachment A from XO, and moves, additions, and changes will no longer be permitted for existing customers.

Discontinuance: On or after January 31, 2020, subject to applicable regulatory-agency approvals and contractual obligations, XO will begin disconnecting the services listed in Attachment A and will waive any early termination charges associated with these services. Any of these services that are subject to automatic-renewal will not be automatically-renewed from the date of this letter; however, we will continue to provide service until the discontinuance date.



For existing Federal, state, and local Government agencies and educational institutions, modifications to service offerings will continue to be subject to the terms of their contract, the tariff, or the Product Guide.

Next Steps

Verizon would like to remain your preferred telecommunications service provider. To assist with the transition of your XO services, we are currently running an attractive range of promotions on a number of Verizon solutions to continue to support your needs (certain promotions may not be available to Federal, state, and local Government customers or educational institutions).

Your assigned sales representative will work with you to develop a solution that meets your needs. If you do not have an assigned sales representative, please call 800-296-7595 for more information about Verizon's services. Federal customers will be contacted by your Contracts Manager.

The address listed above is your Address of Record for the account number listed above. Any additional notices, including notices about changes to your account, will be sent to this address unless you indicate otherwise. If you need to provide us with a different Address of Record, please update your details on the MyXO portal at <https://portal.xo.com>, contact your Verizon sales representative, Customer Service Manager ('CSM') or Contracts Manager, or call 800-296-7595.

We value your business and look forward to helping you realize the benefits that our next-generation solutions and network transformation services can unlock for you. Please forward this letter to other members of your organization as necessary.

Best Regards,

Verizon Support Team

On behalf of XO Communications

The following notice applies to the services listed in Attachment B and is required by the Federal Communications Commission ("FCC" or "Commission") and is applicable to the following federally regulated XO Communications services: Voice over Internet Protocol (VoIP) Origination, XO Session Initiation Protocol (SIP) Trunking, XO Conferencing, MultiTransport Networking Service (MTNS), Contact Center on Demand (CCoD), and certain long-distance service offerings.

The FCC will normally authorize this proposed discontinuance of service (or reduction or impairment) unless it is shown that customers would be unable to receive service or a reasonable substitute from another carrier or that the public convenience and necessity is otherwise adversely affected. If you wish to object, you should file your comments as soon as possible, but no later than 15 days after the Commission releases public notice of the proposed discontinuance. You may file your comments electronically through the FCC's Electronic Comment Filing System using the docket number established in the Commission's public notice for this proceeding, or you may address them to the Federal Communications Commission, Wireline Competition Bureau, Competition Policy Division, Washington, DC 20554, and include in your comments a reference to the \$63.71 Application of XO Communications Services, LLC and XO Virginia, LLC. Comments should include specific information about the impact of this proposed discontinuance (or reduction or impairment) upon you or your company, including any inability to acquire reasonable substitute service.



Attachment A

Below is a list of the XO Communications services, all of which are being discontinued on or after January 31, 2020.

Also, on or after September 10, 2019, new customers will not be able to buy the services listed below from XO and moves, additions, and changes will no longer be permitted for existing customers.

These changes are subject to applicable regulatory-agency approvals and contractual obligations.

A brief description of the service and other names by which you may recognize the service are also included below. Please review this list carefully and contact us if you have any questions or require additional information. Your service descriptions can be found in the Product Charges section of your invoice. You can also login to MyXO portal at <https://portal.xo.com> to view your XO services, invoices and billing information using the menus on the left side.

Please note that the only XO services that are affected are those listed in this notice. If your XO services are not described in this notice, you do not need to take any action.

XO service	Other names of service	Description
1. Integrated Services Digital Network (ISDN)-Primary Rate Interface (PRI)	Inbound PRI; Local ISDN-PRI	ISDN is a standard, all digital technology that allows simultaneous, integrated voice and data capability over two wire digital loops and four wire digital trunks. PRI is the digital trunking interface using ISDN technology that provides high-capacity digital access between the XO central office and ISDN compatible CPE located at the customer premises. The connection is provided through standard T-1 point to point private line facilities. Includes Emergency Redundant Routing (ERR), which automatically reroutes your incoming calls away from overloaded trunks and outage locations, and Private Switch/Automatic Location Identification (PS/ALI), which allows a customer with a PBX to provide the specific location of each extension or station to the PS/ALI database manager. The PS/ALI database manager will then update the appropriate 911 database, thereby helping to improve emergency response time.
2. Remote Call Forwarding (RCF)	RCF	A local service offering that allows incoming calls to be forwarded to a telephone number in another location.
3. Contact Center on Demand (CCoD)	None	CCoD is a hosted contact center service providing call center personnel with automated call distribution, intelligent call routing, and desktop ACD and SIP phone software.



XO service	Other names of service	Description
4. XO Basic Business Lines	Advanced Business Line; Basic Line; Enhanced Business Line; Full Service Business Line; Foreign Exchange Line; Remote Call Forward; Small Business Basic Business Local Line Service I & II; Small Business Basic Business Multi-Line Service I & II; Business Service Basic Business Line I & II; Business Services Basic Business Local Line Service; Business Services Basic Business Multi-Line Service	XO Basic Business Lines, often called Plain Old Telephone Service (POTS) lines, provide basic access service and supply a single voice-grade communication channel for single-line telephones, key telephone systems, modems and other devices that need to access the Public Switched Telephone Network (PSTN).
5. Voice over Internet Protocol (VoIP) Origination Note: Only XO VoIP Origination service is affected by this notice, not Enterprise SIP (ESIP), Hosted PBX, or IP Flex.	None	With VoIP Origination services, customers receive local telephone calls from multiple markets without having to maintain a physical presence in those markets.
6. XO Session Initiation Protocol (SIP) Trunking Note: This does not apply to XO Enterprise SIP (ESIP), Hosted PBX, or IP Flex.	None	SIP trunks combine voice, data, and Internet traffic over a single IP connection to a single location using the customer IP-PBX.
7. TDM bundled products	XOptions; Digital PBX Bundled Package; Integrated Access; PRI Bundled Package 1 & 2; True Business Total Communications (TBTC); Total Communications (TC); True Business (TB)	<p>XOptions combines local, long distance, Internet, and Web hosting services, through one provider, through various XOptions packages. XOptions Flex is not included in this decommission.</p> <p>PRI Bundle is an ISDN–PRI Service that includes Local Loop, PRI Interface and 24 channels.</p> <p>XO Integrated Access combines voice (local and long distance) and Internet access on a single facility.</p> <p>Digital PBX Package includes the Local Loop, 24 trunks, Federal Subscriber Line Charge (FSLC), and Local Number Portability (LNP) charges.</p> <p>TBTC combines voice (local and long distance) and Internet access on a single facility. The base package includes 6 voice lines, 512 kb high-speed Internet access, up to 6 custom calling features, customer premise equipment (CPE), plus a choice of Long Distance minute buckets.</p> <p>Total Communications (TC) combines voice lines and Internet access on a single facility. The Speeds Capacity = 6 - 20 lines, 256k, 384k, 512k, 768k, 1024M internet access.</p> <p>True Business (TB) combines voice lines and local and intra LATA usage into one flat rate.</p>



XO service	Other names of service	Description
8. XO Business Trunks	Analog Trunk; Digital Trunk; Combination Trunk; Inbound Trunk; Two Way Trunk; Dedicated LD, Direct Access Line; Full Switched; Fractional Switched; Digital T-1; Full Digital Switched T-1; Local Analog PBX Trunk Service; Local Digital PBX Trunk Service; Local Trunk - Basic PBX Analog Trunk; Private Branch Exchange (PBX) Trunks	XO Business Trunks connect a customer's PBX or key system to the XO central office to deliver PSTN access. Trunks offer a "shared access" meaning that a number of phone lines can be consolidated on each trunk. Trunks can be analog or digital and carry inbound or outbound traffic or two-way.
9. XO Conferencing	Conference Calling – Audio; Webex	XO Conferencing product provides the means for customers to conduct calls with two or more parties. Customers may opt for standard or toll-free dial-in, both available as operator attended or unattended.
10. Hosted Security	SRA; DMZ; WCF; Fault Tolerant	Provides customers with dedicated MPLS and/or Internet services with a managed network-based firewall.
11. XO Centrex	None	XO Centrex is a business telephone system offered from the local XO central office on a subscription basis. It delivers a set of PBX-like features to individual desks with internal and PSTN access for the features, functions and applications that a business customer needs.
12. Digital Subscriber Line (DSL)	ADSL; IDSL; SDSL	DSL provides an asymmetrical and symmetrical connection over a standard telephone line at speeds up to 140 times faster than 56k dial-up.
13. Site Security	ASA; FWL; VPN; Managed Security	Provides customers with dedicated MPLS and/or Internet services with a Managed premises-based firewall.
14. Broadband Internet	Broadband	Broadband Internet connectivity. Includes third-party resold Internet access.
15. ISDN Basic Rate Interface (BRI)	None	ISDN BRI provides both voice and data capabilities via two 64 Kbps B channels, and one D channel used for signaling. The B channels can be used for voice but are more commonly used for data purposes such as video conferencing, voice/data transmission from remote offices to headquarters, or connection to an Internet Service Provider (ISP).
16. DDoS Mitigation	None	Helps protect critical network operations and infrastructure against costly downtime from DDoS and Volumetric attacks.



XO service	Other names of service	Description
17. Long Distance and toll-free services offered as standalone services or in association with ISDN PRI, Business Lines, TDM Integrated Access, TBTC, XOptions, Business Trunks, Centrex, ISDN-BRI, VoIP Origination, and XO Session Initiation Protocol (SIP) Trunking	None	The following plans provide inter-state voice and VoIP communications, either inbound or outbound, and allow customers to make national and international long distance calls ¹ : 9.9 LD/TFS (Across America 1+ Plan), Across America 1+ Plans, Business Saver 5.9 LD/TFS (Across America 1+ Plan), Business Value 6.9 LD/TFS (Across America 1+ Plan), National Local Private Line Service Calling Plan, Small Business 7.9 LD/TFS (Across America 1+ Plan), Switched Long Distance Product, True Savings Long Distance Rate Plan, Uni-Rate InterLATA Long Distance Service, Unity LD Plan, XO Corporate Long Distance Plan, XO Dedicated Long Distance Calling Plan, XO Gold and Platinum Services, XO Long Distance Business Plan, XO Unlimited Business Plan, XOption Service Offering (inbound and outbound long distance for XOptions), Toll-Free Service and standalone XO Employee Long Distance Service, CLDT (Carrier Long Distance Termination), VoIP Termination; Legacy Allegiance International Long Distance Plan; XO Global International Long Distance Plan (including International Toll-Free Service/Universal International Freephone Number).
18. MultiTransport Networking Service (MTNS)	None	XO's MTNS is a data networking service that supports traditional private data networking services, such as Frame Relay and Ethernet, over an IP backbone.
19. Managed Modems Services	Managed Modems; PMN Services; Modem Terminations	The hosting, monitoring, and management of modem termination facilities, enabling client's end user devices to communicate with client hosts over the PSTN.

¹Customers may also have entered into individually negotiated arrangements for long distance service outside of the named plans.



Attachment B – Federally Regulated Services

The following subset of services from Attachment A is subject to FCC regulations:

Service	Description	States in which Service is Offered
XO Session Initiation Protocol (SIP) Trunking Note: This does not apply to XO Enterprise SIP (ESIP), Hosted PBX, or IP Flex.	SIP trunks combine voice, data and Internet traffic over a single IP connection to a single location using the customer IP-PBX.	All 50 states and the District of Columbia.
XO Conferencing	XO Conferencing product provides means for customers to conduct calls with two or more parties. Customers may opt for standard or toll-free dial-in, both available as operator attended or unattended.	Contiguous United States, Hawaii, and the District of Columbia.
Voice over Internet Protocol (VoIP) Origination Note: Only XO VoIP Origination service is affected by this notice, not Enterprise SIP (ESIP), Hosted PBX, or IP Flex.	With VoIP Origination services, customers receive local telephone calls from multiple markets without having to maintain a physical presence in those markets.	Arizona, California, Colorado, Delaware, the District of Columbia, Florida, Georgia, Idaho, Illinois, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nevada, New Jersey, North Carolina, Ohio, Oregon, Pennsylvania, Tennessee, Texas, Utah, Virginia, and Washington.
Long Distance and toll-free services offered as standalone services or in association with ISDN PRI, Business Lines, TDM Integrated Access, TBTC, XOptions, Business Trunks, Centrex, ISDN-BRI, VoIP Origination, and XO Session Initiation Protocol (SIP) Trunking	The following plans provide inter-state voice and VoIP communications, either inbound or outbound, and allow customers to make national and international long distance calls ¹ : 9.9 LD/TFS (Across America 1+ Plan); Across America 1+ Plans; Business Saver 5.9 LD/TFS (Across America 1+ Plan); Business Value 6.9 LD/TFS (Across America 1+ Plan); National Local Private Line Service Calling Plan; Small Business 7.9 LD/TFS (Across America 1+ Plan); Switched Long Distance Product; True Savings Long Distance Rate Plan; Uni-Rate InterLATA Long Distance Service; Unity LD Plan; XO Corporate Long Distance Plan; XO Dedicated Long Distance Calling Plan; XO Gold and Platinum Services; XO Long Distance Business Plan; XO Unlimited Business Plan; XOption Service Offering (inbound and outbound long distance for XOptions); Toll-Free Service and standalone XO Employee Long Distance Service; CLDT (Carrier Long Distance Termination), VoIP Termination; Legacy Allegiance International Long Distance Plan; XO Global International Long Distance Plan (including International Toll-Free Service/Universal International Freephone Number).	Contiguous United States and the District of Columbia.

¹ Customers may also have entered into individually negotiated arrangements for long distance service outside of the named plans.



Service	Description	States in which Service is Offered
MultiTransport Networking Service (MTNS)	XO's MultiTransport Networking Service (MTNS) is a data networking service that supports traditional private data networking services, such as Frame Relay and Ethernet, over an IP backbone.	Arizona, California, Colorado, Delaware, the District of Columbia, Florida, Georgia, Idaho, Illinois, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nevada, New Jersey, North Carolina, Ohio, Oregon, Pennsylvania, Tennessee, Texas, Utah, Virginia, and Washington.
Contact Center on Demand (CCoD)	CCoD is a hosted contact center service providing call center personnel with automated call distribution, intelligent call routing, desktop ACD, and SIP phone software.	Contiguous United States, Hawaii, and the District of Columbia.



Verizon
One Verizon Way
VC22W464
Basking Ridge, NJ 07920

Verizon Federal
22001 Loudon County Parkway
Ashburn, VA 20147

June 28, 2019

Name of primary point of contact

Business Name

Billing Address 1

Billing Address 2

Billing Address 3

City, State ZIP

Account number

Re: Discontinuance of Services Offered by XO Communications Services, LLC (One Verizon Way, Basking Ridge, NJ 07920) and XO Virginia, LLC (One Verizon Way, Basking Ridge, NJ 07920)

Dear Valued Customer,

This is a formal notification about important upcoming changes to some of the services offered by Verizon subsidiaries XO Communications Services, LLC and XO Virginia, LLC (collectively 'XO'). XO will no longer be offering the services listed in 'Attachment A', subject to applicable regulatory-agency approvals and contractual obligations.

Please note that the only XO services that are affected are those listed in this notice. If your XO services are not described in this notice, you do not need to take any action.

We are sending this notice to all XO customers to advise you of these changes and ask that you review Attachment A to see if your service is listed.

Verizon appreciates your business and would be pleased to work with you to transfer any of these services to alternative Verizon solutions, as available. Additional information about the changes is provided below.

Action required

We urge you to migrate applications that use the services listed in Attachment A to alternate Verizon services, as available.

New Customers, Moves, Additions, and Changes: On or after September 10, 2019, subject to applicable regulatory-agency approvals and contractual obligations, new customers will not be able to buy the services listed in Attachment A from XO, and moves, additions, and changes will no longer be permitted for existing customers.

Discontinuance: On or after January 31, 2020, subject to applicable regulatory-agency approvals and contractual obligations, XO will begin disconnecting the services listed in Attachment A and will waive any early termination charges associated with these services. Any of these services that are subject to automatic-renewal will not be automatically-renewed from the date of this letter; however, we will continue to provide service until the discontinuance date.



For existing Federal, state, and local Government agencies and educational institutions, modifications to service offerings will continue to be subject to the terms of their contract, the tariff, or the Product Guide.

Next Steps

Verizon would like to remain your preferred telecommunications service provider. To assist with the transition of your XO services, we are currently running an attractive range of promotions on a number of Verizon solutions to continue to support your needs (certain promotions may not be available to Federal, state, and local Government customers or educational institutions).

Your authorized Verizon partner or sales representative will work with you to develop a solution that meets your needs. If you do not know who your authorized Verizon partner is, or do not have an assigned sales representative, please call 800-295-8189 for more information about Verizon's services. Federal customers will be contacted by your Contracts Manager.

The address listed above is your Address of Record for the account number listed above. Any additional notices, including notices about changes to your account, will be sent to this address unless you indicate otherwise. If you need to provide us with a different Address of Record, please update your details on the MyXO portal at <https://portal.xo.com>, contact your sales representative, Customer Service Manager ('CSM') or Contracts Manager, or call 800-295-8189.

We value your business and look forward to helping you realize the benefits that our next-generation solutions and network transformation services can unlock for you. Please forward this letter to other members of your organization as necessary.

Best Regards,

Verizon Support Team

On behalf of XO Communications

The following notice applies to the services listed in Attachment B and is required by the Federal Communications Commission ("FCC" or "Commission") and is applicable to the following federally regulated XO Communications services: Voice over Internet Protocol (VoIP) Origination, XO Session Initiation Protocol (SIP) Trunking, XO Conferencing, MultiTransport Networking Services (MTNS), Contact Center on Demand (CCoD), and certain long-distance service offerings.

The FCC will normally authorize this proposed discontinuance of service (or reduction or impairment) unless it is shown that customers would be unable to receive service or a reasonable substitute from another carrier or that the public convenience and necessity is otherwise adversely affected. If you wish to object, you should file your comments as soon as possible, but no later than 15 days after the Commission releases public notice of the proposed discontinuance. You may file your comments electronically through the FCC's Electronic Comment Filing System using the docket number established in the Commission's public notice for this proceeding, or you may address them to the Federal Communications Commission, Wireline Competition Bureau, Competition Policy Division, Washington, DC 20554, and include in your comments a reference to the \$63.71 Application of XO Communications Services, LLC and XO Virginia, LLC. Comments should include specific information about the impact of this proposed discontinuance (or reduction or impairment) upon you or your company, including any inability to acquire reasonable substitute service.



Attachment A

Below is a list of the XO Communications services, all of which are being discontinued on or after January 31, 2020.

Also, on or after September 10, 2019, new customers will not be able to buy the services listed below from XO and moves, additions, and changes will no longer be permitted for existing customers.

These changes are subject to applicable regulatory-agency approvals and contractual obligations.

A brief description of the service and other names by which you may recognize the service are also included below. Please review this list carefully and contact us if you have any questions or require additional information. Your service descriptions can be found in the Product Charges section of your invoice. You can also login to MyXO portal at <https://portal.xo.com> to view your XO services, invoices and billing information using the menus on the left side.

Please note that the only XO services that are affected are those listed in this notice. If your XO services are not described in this notice, you do not need to take any action.

XO service	Other names of service	Description
1. Integrated Services Digital Network (ISDN)-Primary Rate Interface (PRI)	Inbound PRI; Local ISDN-PRI	ISDN is a standard, all digital technology that allows simultaneous, integrated voice and data capability over two wire digital loops and four wire digital trunks. PRI is the digital trunking interface using ISDN technology that provides high-capacity digital access between the XO central office and ISDN compatible CPE located at the customer premises. The connection is provided through standard T-1 point to point private line facilities. Includes Emergency Redundant Routing (ERR) which automatically reroutes your incoming calls away from overloaded trunks and outage locations, and Private Switch/Automatic Location Identification (PS/ALI), which allows a customer with a PBX to provide the specific location of each extension or station to the PS/ALI database manager. The PS/ALI database manager will then update the appropriate 911 database, thereby helping to improve emergency response time.
2. Remote Call Forwarding (RCF)	RCF	A local service offering that allows incoming calls to be forwarded to a telephone number in another location.
3. Contact Center on Demand (CCoD)	None	CCoD is a hosted contact center service providing call center personnel with automated call distribution, intelligent call routing, and desktop ACD and SIP phone software.



XO service	Other names of service	Description
4. XO Basic Business Lines	Advanced Business Line; Basic Line; Enhanced Business Line; Full Service Business Line; Foreign Exchange Line; Remote Call Forward; Small Business Basic Business Local Line Service I & II; Small Business Basic Business Multi-Line Service I & II; Business Service Basic Business Line I & II; Business Services Basic Business Local Line Service; Business Services Basic Business Multi-Line Service	XO Basic Business Lines, often called Plain Old Telephone Service (POTS) lines, provide basic access service and supply a single voice-grade communication channel for single-line telephones, key telephone systems, modems and other devices that need to access the Public Switched Telephone Network (PSTN).
5. Voice over Internet Protocol (VoIP) Origination Note: Only XO VoIP Origination service is affected by this notice, not Enterprise SIP (ESIP), Hosted PBX, or IP Flex.	None	With VoIP Origination services, customers receive local telephone calls from multiple markets without having to maintain a physical presence in those markets.
6. XO Session Initiation Protocol (SIP) Trunking Note: This does not apply to XO Enterprise SIP (ESIP), Hosted PBX, or IP Flex.	None	SIP trunks combine voice, data, and Internet traffic over a single IP connection to a single location using the customer IP-PBX.
7. TDM bundled products	XOptions; Digital PBX Bundled Package; Integrated Access; PRI Bundled Package 1 & 2; True Business Total Communications (TBTC); Total Communications (TC); True Business (TB)	<p>XOptions combines local, long distance, Internet, and Web hosting services, through one provider, through various XOptions packages. XOptions Flex is not included in this decommission.</p> <p>PRI Bundle is an ISDN–PRI Service that includes Local Loop, PRI Interface and 24 channels.</p> <p>XO Integrated Access combines voice (local and long distance) and Internet access on a single facility.</p> <p>Digital PBX Package includes the Local Loop, 24 trunks, Federal Subscriber Line Charge (FSLC), and Local Number Portability (LNP) charges.</p> <p>TBTC combines voice (local and long distance) and Internet access on a single facility. The base package includes 6 voice lines, 512 kb high-speed Internet access, up to 6 custom calling features, customer premise equipment (CPE), plus a choice of Long Distance minute buckets.</p> <p>Total Communications (TC) combines voice lines and Internet access on a single facility. The Speeds Capacity = 6 - 20 lines, 256k, 384k, 512k, 768k, 1024M internet access.</p> <p>True Business (TB) combines voice lines and local and intra LATA usage into one flat rate.</p>



XO service	Other names of service	Description
8. XO Business Trunks	Analog Trunk; Digital Trunk; Combination Trunk; Inbound Trunk; Two Way Trunk; Dedicated LD, Direct Access Line; Full Switched; Fractional Switched; Digital T-1; Full Digital Switched T-1; Local Analog PBX Trunk Service; Local Digital PBX Trunk Service; Local Trunk - Basic PBX Analog Trunk; Private Branch Exchange (PBX) Trunks	XO Business Trunks connect a customer's PBX or key system to the XO central office to deliver PSTN access. Trunks offer a "shared access" meaning that a number of phone lines can be consolidated on each trunk. Trunks can be analog or digital and carry inbound or outbound traffic or two-way.
9. XO Conferencing	Conference Calling – Audio; Webex	XO Conferencing product provides the means for customers to conduct calls with two or more parties. Customers may opt for standard or toll-free dial-in, both available as operator attended or unattended.
10. Hosted Security	SRA; DMZ; WCF; Fault Tolerant	Provides customers with dedicated MPLS and/or Internet services with a managed network-based firewall.
11. XO Centrex	None	XO Centrex is a business telephone system offered from the local XO central office on a subscription basis. It delivers a set of PBX-like features to individual desks with internal and PSTN access for the features, functions and applications that a business customer needs.
12. Digital Subscriber Line (DSL)	ADSL; IDSL; SDSL	DSL provides an asymmetrical and symmetrical connection over a standard telephone line at speeds up to 140 times faster than 56k dial-up.
13. Site Security	ASA; FWL; VPN; Managed Security	Provides customers with dedicated MPLS and/or Internet services with a Managed premises-based firewall.
14. Broadband Internet	Broadband	Broadband Internet connectivity. Includes third-party resold Internet access.
15. ISDN Basic Rate Interface (BRI)	None	ISDN BRI provides both voice and data capabilities via two 64 Kbps B channels, and one D channel used for signaling. The B channels can be used for voice but are more commonly used for data purposes such as video conferencing, voice/data transmission from remote offices to headquarters, or connection to an Internet Service Provider (ISP).
16. DDoS Mitigation	None	Helps protect critical network operations and infrastructure against costly downtime from DDoS and Volumetric attacks.



XO service	Other names of service	Description
17. Long Distance and toll-free services offered as standalone services or in association with ISDN PRI, Business Lines, TDM Integrated Access, TBTC, XOptions, Business Trunks, Centrex, ISDN-BRI, VoIP Origination, and XO Session Initiation Protocol (SIP) Trunking	None	The following plans provide inter-state voice and VoIP communications, either inbound or outbound, and allow customers to make national and international long distance calls ¹ : 9.9 LD/TFS (Across America 1+ Plan), Across America 1+ Plans, Business Saver 5.9 LD/TFS (Across America 1+ Plan), Business Value 6.9 LD/TFS (Across America 1+ Plan), National Local Private Line Service Calling Plan, Small Business 7.9 LD/TFS (Across America 1+ Plan), Switched Long Distance Product, True Savings Long Distance Rate Plan, Uni-Rate InterLATA Long Distance Service, Unity LD Plan, XO Corporate Long Distance Plan, XO Dedicated Long Distance Calling Plan, XO Gold and Platinum Services, XO Long Distance Business Plan, XO Unlimited Business Plan, XOption Service Offering (inbound and outbound long distance for XOptions), Toll-Free Service and standalone XO Employee Long Distance Service, CLDT (Carrier Long Distance Termination), VoIP Termination; Legacy Allegiance International Long Distance Plan; XO Global International Long Distance Plan (including International Toll-Free Service/Universal International Freephone Number).
18. MultiTransport Networking Service (MTNS)	None	XO's MTNS is a data networking service that supports traditional private data networking services, such as Frame Relay and Ethernet, over an IP backbone.
19. Managed Modems Services	Managed Modems; PMN Services; Modem Terminations	The hosting, monitoring, and management of modem termination facilities, enabling client's end user devices to communicate with client hosts over the PSTN.

¹Customers may also have entered into individually negotiated arrangements for long distance service outside of the named plans.



Attachment B – Federally Regulated Services

The following subset of services from Attachment A is subject to FCC regulations:

Service	Description	States in which Service is Offered
XO Session Initiation Protocol (SIP) Trunking Note: This does not apply to XO Enterprise SIP (ESIP), Hosted PBX, or IP Flex.	SIP trunks combine voice, data and Internet traffic over a single IP connection to a single location using the customer IP-PBX.	All 50 states and the District of Columbia.
XO Conferencing	XO Conferencing product provides means for customers to conduct calls with two or more parties. Customers may opt for standard or toll-free dial-in, both available as operator attended or unattended.	Contiguous United States, Hawaii, and the District of Columbia.
Voice over Internet Protocol (VoIP) Origination Note: Only XO VoIP Origination service is affected by this notice, not Enterprise SIP (ESIP), Hosted PBX, or IP Flex.	With VoIP Origination services, customers receive local telephone calls from multiple markets without having to maintain a physical presence in those markets.	Arizona, California, Colorado, Delaware, the District of Columbia, Florida, Georgia, Idaho, Illinois, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nevada, New Jersey, North Carolina, Ohio, Oregon, Pennsylvania, Tennessee, Texas, Utah, Virginia, and Washington.
Long Distance and toll-free services offered as standalone services or in association with ISDN PRI, Business Lines, TDM Integrated Access, TBTC, XOptions, Business Trunks, Centrex, ISDN-BRI, VoIP Origination, and XO Session Initiation Protocol (SIP) Trunking	The following plans provide inter-state voice and VoIP communications, either inbound or outbound, and allow customers to make national and international long distance calls ¹ : 9.9 LD/TFS (Across America 1+ Plan); Across America 1+ Plans; Business Saver 5.9 LD/TFS (Across America 1+ Plan); Business Value 6.9 LD/TFS (Across America 1+ Plan); National Local Private Line Service Calling Plan; Small Business 7.9 LD/TFS (Across America 1+ Plan); Switched Long Distance Product; True Savings Long Distance Rate Plan; Uni-Rate InterLATA Long Distance Service; Unity LD Plan; XO Corporate Long Distance Plan; XO Dedicated Long Distance Calling Plan; XO Gold and Platinum Services; XO Long Distance Business Plan; XO Unlimited Business Plan; XOption Service Offering (inbound and outbound long distance for XOptions); Toll-Free Service and standalone XO Employee Long Distance Service; CLDT (Carrier Long Distance Termination), VoIP Termination; Legacy Allegiance International Long Distance Plan; XO Global International Long Distance Plan (including International Toll-Free Service/Universal International Freephone Number).	Contiguous United States and the District of Columbia.

¹Customers may also have entered into individually negotiated arrangements for long distance service outside of the named plans.



Service	Description	States in which Service is Offered
MultiTransport Networking Service (MTNS)	XO's MultiTransport Networking Service (MTNS) is a data networking service that supports traditional private data networking services, such as Frame Relay and Ethernet, over an IP backbone.	Arizona, California, Colorado, Delaware, the District of Columbia, Florida, Georgia, Idaho, Illinois, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nevada, New Jersey, North Carolina, Ohio, Oregon, Pennsylvania, Tennessee, Texas, Utah, Virginia, and Washington.
Contact Center on Demand (CCoD)	CCoD is a hosted contact center service providing call center personnel with automated call distribution, intelligent call routing, desktop ACD, and SIP phone software.	Contiguous United States, Hawaii, and the District of Columbia.



Verizon
One Verizon Way
VC22W464
Basking Ridge, NJ 07920

June 28, 2019

Name of primary point of contact

Business Name

Billing Address 1

Billing Address 2

Billing Address 3

City, State ZIP

Account number

Re: Discontinuance of Services Offered by XO Communications Services, LLC (One Verizon Way, Basking Ridge, NJ 07920) and XO Virginia, LLC (One Verizon Way, Basking Ridge, NJ 07920)

Dear Valued Customer,

This is a formal notification about important upcoming changes to some of the services offered by Verizon subsidiaries XO Communications Services, LLC and XO Virginia, LLC (collectively 'XO'). XO will no longer be offering the services listed in 'Attachment A', subject to applicable regulatory-agency approvals and contractual obligations.

Please note that the only XO services that are affected are those listed in this notice. If your XO services are not described in this notice, you do not need to take any action.

We are sending this notice to all XO customers to advise you of these changes and ask that you review Attachment A to see if your service is listed.

Verizon appreciates your business and would be pleased to work with you to transfer any of these services to alternative Verizon solutions, as available. Additional information about the changes is provided below.

Action required

We urge you to migrate applications that use the services listed in Attachment A to alternate Verizon services, as available.

Grandfathering: On or after September 10, 2019, subject to applicable regulatory-agency approvals and contractual obligations, new customers will not be able to buy the services listed in Attachment A from XO, and moves, additions, and changes will no longer be permitted for existing customers.

Discontinuance: On or after January 31, 2020, subject to applicable regulatory-agency approvals and contractual obligations, XO will begin disconnecting the services listed in Attachment A and will waive any early termination charges associated with these services. Any of these services that are subject to automatic-renewal will not be automatically-renewed from the date of this letter; however, we will continue to provide service until the discontinuance date.



For existing Federal, state, and local Government agencies and educational institutions, modifications to service offerings will continue to be subject to the terms of their contract, the tariff, or the Product Guide.

Next Steps

Verizon would like to remain your preferred telecommunications service provider. To assist with the transition of your XO services, we are currently running an attractive range of promotions on a number of Verizon solutions to continue to support your needs (certain promotions may not be available to Federal, state, and local Government customers or educational institutions).

Your assigned customer service manager will work with you to develop a solution that meets your needs, or you can reach out to us at VPS.Migration.Inquiries@verizon.com.

The address listed above is your Address of Record for the account number listed above. Any additional notices, including notices about changes to your account, will be sent to this address unless you indicate otherwise. If you need to provide us with a different Address of Record, please update your details on the MyXO portal at <https://portal.xo.com>, contact your Verizon sales representative, Customer Service Manager ('CSM') or Contracts Manager, or call 800-296-7595.

We value your business and look forward to helping you realize the benefits that our next-generation solutions and network transformation services can unlock for you. Please forward this letter to other members of your organization as necessary.

Best Regards,

Verizon Support Team

On behalf of XO Communications

The following notice applies to the services listed in Attachment B and is required by the Federal Communications Commission ("FCC" or "Commission") and is applicable to the following federally regulated XO Communications services: Voice over Internet Protocol (VoIP) Origination, XO Session Initiation Protocol (SIP) Trunking, XO Conferencing, MultiTransport Networking Service (MTNS), Contact Center on Demand (CCoD), and certain long-distance service offerings.

The FCC will normally authorize this proposed discontinuance of service (or reduction or impairment) unless it is shown that customers would be unable to receive service or a reasonable substitute from another carrier or that the public convenience and necessity is otherwise adversely affected. If you wish to object, you should file your comments as soon as possible, but no later than 15 days after the Commission releases public notice of the proposed discontinuance. You may file your comments electronically through the FCC's Electronic Comment Filing System using the docket number established in the Commission's public notice for this proceeding, or you may address them to the Federal Communications Commission, Wireline Competition Bureau, Competition Policy Division, Washington, DC 20554, and include in your comments a reference to the §63.71 Application of XO Communications Services, LLC and XO Virginia, LLC. Comments should include specific information about the impact of this proposed discontinuance (or reduction or impairment) upon you or your company, including any inability to acquire reasonable substitute service.



Attachment A

Below is a list of the XO Communications services, all of which are being discontinued on or after January 31, 2020.

Also, on or after September 10, 2019, new customers will not be able to buy the services listed below from XO and moves, additions, and changes will no longer be permitted for existing customers.

These changes are subject to applicable regulatory-agency approvals and contractual obligations.

A brief description of the service and other names by which you may recognize the service are also included below. Please review this list carefully and contact us if you have any questions or require additional information. You can also login to MyXO portal at <https://portal.xo.com> to view your XO services, invoices and billing information using the menus on the left side.

Please note that the only XO services that are affected are those listed in this notice. If your XO services are not described in this notice, you do not need to take any action.

XO service	Other names of service	Description
1. Integrated Services Digital Network (ISDN)-Primary Rate Interface (PRI)	Inbound PRI; Local ISDN-PRI	ISDN is a standard, all digital technology that allows simultaneous, integrated voice and data capability over two wire digital loops and four wire digital trunks. PRI is the digital trunking interface using ISDN technology that provides high-capacity digital access between the XO central office and ISDN compatible CPE located at the customer premises. The connection is provided through standard T-1 point to point private line facilities. Includes Emergency Redundant Routing (ERR), which automatically reroutes your incoming calls away from overloaded trunks and outage locations, and Private Switch/Automatic Location Identification (PS/ALI), which allows a customer with a PBX to provide the specific location of each extension or station to the PS/ALI database manager. The PS/ALI database manager will then update the appropriate 911 database, thereby helping to improve emergency response time.
2. Remote Call Forwarding (RCF)	RCF	A local service offering that allows incoming calls to be forwarded to a telephone number in another location.
3. Contact Center on Demand (CCoD)	None	CCoD is a hosted contact center service providing call center personnel with automated call distribution, intelligent call routing, and desktop ACD and SIP phone software.



XO service	Other names of service	Description
4. XO Basic Business Lines	Advanced Business Line; Basic Line; Enhanced Business Line; Full Service Business Line; Foreign Exchange Line; Remote Call Forward; Small Business Basic Business Local Line Service I & II; Small Business Basic Business Multi-Line Service I & II; Business Service Basic Business Line I & II; Business Services Basic Business Local Line Service; Business Services Basic Business Multi-Line Service	XO Basic Business Lines, often called Plain Old Telephone Service (POTS) lines, provide basic access service and supply a single voice-grade communication channel for single-line telephones, key telephone systems, modems and other devices that need to access the Public Switched Telephone Network (PSTN).
5. Voice over Internet Protocol (VoIP) Origination Note: Only XO VoIP Origination service is affected by this notice, not Enterprise SIP (ESIP), Hosted PBX, or IP Flex.	None	With VoIP Origination services, customers receive local telephone calls from multiple markets without having to maintain a physical presence in those markets.
6. XO Session Initiation Protocol (SIP) Trunking Note: This does not apply to XO Enterprise SIP (ESIP), Hosted PBX, or IP Flex.	None	SIP trunks combine voice, data, and Internet traffic over a single IP connection to a single location using the customer IP-PBX.
7. TDM bundled products	XOptions; Digital PBX Bundled Package; Integrated Access; PRI Bundled Package 1 & 2; True Business Total Communications (TBTC); Total Communications (TC); True Business (TB)	<p>XOptions combines local, long distance, Internet, and Web hosting services, through one provider, through various XOptions packages. XOptions Flex is not included in this decommission.</p> <p>PRI Bundle is an ISDN–PRI Service that includes Local Loop, PRI Interface and 24 channels.</p> <p>XO Integrated Access combines voice (local and long distance) and Internet access on a single facility.</p> <p>Digital PBX Package includes the Local Loop, 24 trunks, Federal Subscriber Line Charge (FSLC), and Local Number Portability (LNP) charges.</p> <p>TBTC combines voice (local and long distance) and Internet access on a single facility. The base package includes 6 voice lines, 512 kb high-speed Internet access, up to 6 custom calling features, customer premise equipment (CPE), plus a choice of Long Distance minute buckets.</p> <p>Total Communications (TC) combines voice lines and Internet access on a single facility. The Speeds Capacity = 6 - 20 lines, 256k, 384k, 512k, 768k, 1024M internet access.</p> <p>True Business (TB) combines voice lines and local and intra LATA usage into one flat rate.</p>



XO service	Other names of service	Description
8. XO Business Trunks	Analog Trunk; Digital Trunk; Combination Trunk; Inbound Trunk; Two Way Trunk; Dedicated LD, Direct Access Line; Full Switched; Fractional Switched; Digital T-1; Full Digital Switched T-1; Local Analog PBX Trunk Service; Local Digital PBX Trunk Service; Local Trunk - Basic PBX Analog Trunk; Private Branch Exchange (PBX) Trunks	XO Business Trunks connect a customer's PBX or key system to the XO central office to deliver PSTN access. Trunks offer a "shared access" meaning that a number of phone lines can be consolidated on each trunk. Trunks can be analog or digital and carry inbound or outbound traffic or two-way.
9. XO Conferencing	Conference Calling – Audio; Webex	XO Conferencing product provides the means for customers to conduct calls with two or more parties. Customers may opt for standard or toll-free dial-in, both available as operator attended or unattended.
10. Hosted Security	SRA; DMZ; WCF; Fault Tolerant	Provides customers with dedicated MPLS and/or Internet services with a managed network-based firewall.
11. XO Centrex	None	XO Centrex is a business telephone system offered from the local XO central office on a subscription basis. It delivers a set of PBX-like features to individual desks with internal and PSTN access for the features, functions and applications that a business customer needs.
12. Digital Subscriber Line (DSL)	ADSL; IDSL; SDSL	DSL provides an asymmetrical and symmetrical connection over a standard telephone line at speeds up to 140 times faster than 56k dial-up.
13. Site Security	ASA; FWL; VPN; Managed Security	Provides customers with dedicated MPLS and/or Internet services with a Managed premises-based firewall.
14. Broadband Internet	Broadband	Broadband Internet connectivity. Includes third-party resold Internet access.
15. ISDN Basic Rate Interface (BRI)	None	ISDN BRI provides both voice and data capabilities via two 64 Kbps B channels, and one D channel used for signaling. The B channels can be used for voice but are more commonly used for data purposes such as video conferencing, voice/data transmission from remote offices to headquarters, or connection to an Internet Service Provider (ISP).
16. DDoS Mitigation	None	Helps protect critical network operations and infrastructure against costly downtime from DDoS and Volumetric attacks.



XO service	Other names of service	Description
17. Long Distance and toll-free services offered as standalone services or in association with ISDN PRI, Business Lines, TDM Integrated Access, TBTC, XOptions, Business Trunks, Centrex, ISDN-BRI, VoIP Origination, and XO Session Initiation Protocol (SIP) Trunking	None	The following plans provide inter-state voice and VoIP communications, either inbound or outbound, and allow customers to make national and international long distance calls ¹ : 9.9 LD/TFS (Across America 1+ Plan), Across America 1+ Plans, Business Saver 5.9 LD/TFS (Across America 1+ Plan), Business Value 6.9 LD/TFS (Across America 1+ Plan), National Local Private Line Service Calling Plan, Small Business 7.9 LD/TFS (Across America 1+ Plan), Switched Long Distance Product, True Savings Long Distance Rate Plan, Uni-Rate InterLATA Long Distance Service, Unity LD Plan, XO Corporate Long Distance Plan, XO Dedicated Long Distance Calling Plan, XO Gold and Platinum Services, XO Long Distance Business Plan, XO Unlimited Business Plan, XOption Service Offering (inbound and outbound long distance for XOptions), Toll-Free Service and standalone XO Employee Long Distance Service, CLDT (Carrier Long Distance Termination), VoIP Termination; Legacy Allegiance International Long Distance Plan; XO Global International Long Distance Plan (including International Toll-Free Service/Universal International Freephone Number).
18. MultiTransport Networking Service (MTNS)	None	XO's MTNS is a data networking service that supports traditional private data networking services, such as Frame Relay and Ethernet, over an IP backbone.
19. Managed Modems Services	Managed Modems; PMN Services; Modem Terminations	The hosting, monitoring, and management of modem termination facilities, enabling client's end user devices to communicate with client hosts over the PSTN.

¹Customers may also have entered into individually negotiated arrangements for long distance service outside of the named plans.



Attachment B – Federally Regulated Services

The following subset of services from Attachment A is subject to FCC regulations:

Service	Description	States in which Service is Offered
XO Session Initiation Protocol (SIP) Trunking Note: This does not apply to XO Enterprise SIP (ESIP), Hosted PBX, or IP Flex.	SIP trunks combine voice, data and Internet traffic over a single IP connection to a single location using the customer IP-PBX.	All 50 states and the District of Columbia.
XO Conferencing	XO Conferencing product provides means for customers to conduct calls with two or more parties. Customers may opt for standard or toll-free dial-in, both available as operator attended or unattended.	Contiguous United States, Hawaii, and the District of Columbia.
Voice over Internet Protocol (VoIP) Origination Note: Only XO VoIP Origination service is affected by this notice, not Enterprise SIP (ESIP), Hosted PBX, or IP Flex.	With VoIP Origination services, customers receive local telephone calls from multiple markets without having to maintain a physical presence in those markets.	Arizona, California, Colorado, Delaware, the District of Columbia, Florida, Georgia, Idaho, Illinois, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nevada, New Jersey, North Carolina, Ohio, Oregon, Pennsylvania, Tennessee, Texas, Utah, Virginia, and Washington.
Long Distance and toll-free services offered as standalone services or in association with ISDN PRI, Business Lines, TDM Integrated Access, TBTC, XOptions, Business Trunks, Centrex, ISDN-BRI, VoIP Origination, and XO Session Initiation Protocol (SIP) Trunking	The following plans provide inter-state voice and VoIP communications, either inbound or outbound, and allow customers to make national and international long distance calls ¹ : 9.9 LD/TFS (Across America 1+ Plan); Across America 1+ Plans; Business Saver 5.9 LD/TFS (Across America 1+ Plan); Business Value 6.9 LD/TFS (Across America 1+ Plan); National Local Private Line Service Calling Plan; Small Business 7.9 LD/TFS (Across America 1+ Plan); Switched Long Distance Product; True Savings Long Distance Rate Plan; Uni-Rate InterLATA Long Distance Service; Unity LD Plan; XO Corporate Long Distance Plan; XO Dedicated Long Distance Calling Plan; XO Gold and Platinum Services; XO Long Distance Business Plan; XO Unlimited Business Plan; XOption Service Offering (inbound and outbound long distance for XOptions); Toll-Free Service and standalone XO Employee Long Distance Service; CLDT (Carrier Long Distance Termination); VoIP Termination; Legacy Allegiance International Long Distance Plan; XO Global International Long Distance Plan (including International Toll-Free Service/Universal International Freephone Number).	Contiguous United States and the District of Columbia.

¹Customers may also have entered into individually negotiated arrangements for long distance service outside of the named plans.



Service	Description	States in which Service is Offered
MultiTransport Networking Service (MTNS)	XO's MultiTransport Networking Service (MTNS) is a data networking service that supports traditional private data networking services, such as Frame Relay and Ethernet, over an IP backbone.	Arizona, California, Colorado, Delaware, the District of Columbia, Florida, Georgia, Idaho, Illinois, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nevada, New Jersey, North Carolina, Ohio, Oregon, Pennsylvania, Tennessee, Texas, Utah, Virginia, and Washington.
Contact Center on Demand (CCoD)	CCoD is a hosted contact center service providing call center personnel with automated call distribution, intelligent call routing, desktop ACD, and SIP phone software.	Contiguous United States, Hawaii, and the District of Columbia.

EXHIBIT E

Notice of Discontinuance of Certain Services of XO Communications Services, LLC

Pursuant to 4901:1-6-25 OAC, XO Communications Services, LLC (“XO”) hereby notifies the Public Utilities Commission of Ohio (“Commission”) of the planned discontinuance of retail services to all business customers in Ohio except its existing federal, state, and local government agency customers and educational institution customers. (XO does not provide service to residential customers.) The discontinuance will become effective on or after January 31, 2020.

XO provides competitive local exchange services (including switched and dedicated access services), intraLATA toll service, and intrastate interexchange telecommunications services within the state of Ohio to business customers. XO will continue to offer its retail services to existing federal, state, and local government agency customers and educational institution customers, and modification to service offerings for those customers will continue to be subject to the terms of the tariff, Local Exchange Services Product Document, or their contract. XO will also continue to offer its wholesale services and to provide non-jurisdictional services in Ohio. Accordingly, XO does not plan to surrender its Certificate of Public Convenience and Necessity, Certificate No. 90-9017.

Because of redundancies among the services offered by XO and its affiliates, the proposed discontinuance will enable the Verizon group of companies to streamline their retail offerings in order to maximize efficiencies and maintain a high level of customer service. XO’s customers will have ample opportunity to migrate to alternative providers offering comparable retail services, including the Verizon companies.

XO does not require customer deposits, so no refunds will be needed.

Approximately 511 business customers are affected by this discontinuance. As set forth in the Affidavit, XO attests that all affected customers have been notified of the discontinuance of these services and additional notices will be sent in the future. Customers were notified by letters sent via U.S. mail in March, June, and October of 2019. Additional customer notice letters will be sent via U.S. mail in December 2019. Bill messages regarding the discontinuation were published in the August, October, and November 2019 bills and additional bill messages will run in the December 2019 bills and January 2020 bills. Emails have been sent to all business customers who are users of the MyXO customer web portal. Account sales representatives have engaged with enterprise business customers to advise them of the discontinuance of these services. Copies of the June 2019 customer notice letters are attached as Exhibit D.

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

12/16/2019 3:44:54 PM

in

Case No(s). 19-2139-TP-ZTA

Summary: Tariff Tariff revisions to add withdrawal language. electronically filed by Mr. Dan Ostroff on behalf of Ostroff, Daniel G Mr. and XO Communications Services, Inc.