XO Communications Services, LLC

Missouri Tariff No. 9 First Revised Tariff Page Cancels Original Title Page

ACCESS SERVICES TARIFF

This tariff, Missouri Tariff No. 9 submitted on behalf of XO Communications Services, LLC, cancels and replaces Tariff No. 6, submitted on behalf of XO Missouri, Inc.

XO Communications Services, LLC

Regulations, Descriptions, and Rates

Applicable to Furnishing Interstate Access Services

for Connection to Intrastate Communications

Facilities within the

State of Missouri

Issued: May 17, 2012

CANCELLED November 29, 2014 Missouri Public Service Commissio JL-2015-0187

Kelly Faul – Regulatory Affairs Director 13865 Sunrise Valley Dr. Herndon, VA 20171 Effective: May 27, 2012

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Missouri Tariff No. 9 Original Title Page

ACCESS SERVICES TARIFF

This tariff, Missouri Tariff No. 9 submitted on behalf of XO Communications Services, Inc., cancels and replaces Tariff No. 6, submitted on behalf of XO Missouri, Inc.

XO Communications Services, Inc.

Regulations, Descriptions, and Rates

Applicable to Furnishing Interstate Access Services

for Connection to Intrastate Communications

Facilities within the

State of Missouri

Issued: January 10 10, 2005

CANCELLED May 27, 2012 Missouri Public Service Commission ' LN-2012-0376, YL-2012-0744 Alaine Miller, VP - Regulatory & External Affairs 1633 Westlake Avenue, No., Suite 200 Seattle, WA 98109 Effective: February 26, 2005

MOa0501

TABLE OF CONTENTS, (CONT'D.)

		Page
SECTIO	5 - SWITCHED ACCESS SERVICE	56
5	General	56
5	Provision and Description of Switched Access	Service Agreements 57
5	Obligations of Company	63
5	Obligations of the Customer	64
5	Switched Access Optional Features	65
SECTIO	6 - RATES AND CHARGES	69
6	Special Construction	69
6	Special Access Service	71
6	Switched Access Services	77
6	Service Calls	81
6	Individual Case Basis Arrangements	81
6	Billing Name and Address Service	82
6	Access Service Order Charge	83
6	Historic Invoices	83
6	Service Order Changes	83
6	0 Intra-Building Moves	83.1
SECTIO	7 - RESERVED FOR FUTURE USE	84

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TABLE OF CONTENTS, (CONT'D.)

		Page
SECTION 5 -	SWITCHED ACCESS SERVICE	56
5.1	General	56
5.2	Provision and Description of Switched Access Service Agreements	57
5.3	Obligations of Company	63
5.4	Obligations of the Customer	64
5.5	Switched Access Optional Features	65
SECTION 6 -	RATES AND CHARGES	69
6.1	Special Construction	69
6.2	Special Access Service	71
6.3	Switched Access Services	77
6.4	Service Calls	81
6.5	Individual Case Basis Arrangements	81
6.6	Billing Name and Address Service	82
6.7	Access Service Order Charge	83
6.8	Historic Invoices	83
6.9	Service Order Changes	83
SECTION 7 -	RESERVED FOR FUTURE USE	84

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Missouri Tariff No. 9 1st Revised Page 2 Cancels Original Page 2

ACCESS SERVICES TARIFF

TABLE OF CONTENTS, (CONT'D.)

		Page
SECTION 5 -	SWITCHED ACCESS SERVICE	56
5.1	General	56
5.2	Provision and Description of Switched Access Service Agreements	57
5.3	Obligations of Company	63
5.4	Obligations of the Customer	64
5.5	Switched Access Optional Features	65
SECTION 6 -	RATES AND CHARGES	69
6.1	Special Construction	69
6.2	Special Access Service	71
6.3	Switched Access Services	77
6.4	Service Calls	81
6.5	Individual Case Basis Arrangements	81
6.6	Billing Name and Address Service	82
6.7	Access Service Order Charge	83
6.8	Historic Invoices	83
SECTION 7 -	RESERVED FOR FUTURE USE	84

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Missouri Tariff No. 9 Original Page 2 ----

ACCESS SERVICES TARIFF

TABLE OF CONTENTS, (CONT'D.)

		Page
SECTION 5 - S	SWITCHED ACCESS SERVICE	56
5.1	General	56
5.2	Provision and Description of Switched Access Service Agreements	57
5.3	Obligations of Company	63
5.4	Obligations of the Customer	64
5.5	Switched Access Optional Features	65
SECTION 6 -	RATES AND CHARGES	69
6.1	Special Construction	69
6.2	Special Access Service	71
6.3	Switched Access Services	77
6.4	Service Calls	81
6.5	Individual Case Basis Arrangements	81
6.6	Billing Name and Address Service	82
6.7	Access Service Order Charge	83
SECTION 7 -	COLLOCATED INTERCONNECTION	84
7.1	Reserved for Future Use	84

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August 1, 2006 Missouri Public Service Commission Alaine Miller, VP - Regulatory & External Affairs 1633 Westlake Avenue, No., Suite 200 Seattle, WA 98109 Effective: February 26, 2005



Missouri Tariff No. 9 Original Page 4

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ACCESS SERVICES TARIFF

CONCURRING, CONNECTING OR OTHER PARTICIPATING CARRIERS

None

SYMBOLS

The following symbols shall be used in this tariff for the purpose indicated below:

С	-	Changed regulation effecting application in a rate
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- D Deletion of rate or regulation _
- I Increase in rate _

- R Reduction in rate _
- Move of tariff material to different page or a different location on a page Μ -
- Т Text change in regulation that does not effect application of a rate _

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Alaine Miller, VP - Regulatory & External Affairs 1633 Westlake Avenue, No., Suite 200 Seattle, WA 98109

MOa0501

Missouri Tariff No. 9 2nd Revised Page 6 Cancels 1st Revised Page 6

ACCESS SERVICES TARIFF

SECTION 1 DEFIINITION OF TERMS

<u>Access Service</u>: Switched or Special Access to the network of any Interconnecting Carrier for the purpose of originating or terminating communications.

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

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

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

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

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

| (N)

(N)

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

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

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

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

End User: Any customer of an intrastate communications service that is not a common carrier; provided that a common carrier other than a telephone company shall be deemed to be an "end user" when such common carrier uses a communications service for administrative purposes, and a person or entity that offers communications service exclusively as a reseller shall be deemed to be an "end user" if all resale transmissions offered by such reseller originate on the premises of such reseller.

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

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

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

(Some material previously located on this page is now on page 7.)

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July 1, 2021Kelly Faul - Regulatory Affairs DirectorMissouri PublicI3865 Sunrise Valley Dr.Service Commission
JL-2021-0205Herndon, VA 20171

Effective: February 9, 2012

SECTION 1 DEFIINITION OF TERMS

<u>Access Service:</u> Switched or Special Access to the network of any Interconnecting Carrier for the purpose of originating or terminating communications.

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

<u>Bit:</u> The smallest unit of a payment required before the start of service.

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

<u>Customer:</u> The person, firm, corporation, government entity, or other entity which subscribes to or uses, and is therefore responsible for the payment of charges and compliance with the Company's regulations, the services offered under this tariff, including both Interexchange Carriers (IXCs) and End Users. (T)

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

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

<u>End User</u>: Any customer of an intrastate communications service that is not a common carrier; provided that a common carrier other than a telephone company shall be deemed to be an "end user" when such common carrier uses a communications service for administrative purposes, and a person or entity that offers communications service exclusively as a reseller shall be deemed to be an "end user" if all resale transmissions offered by such reseller originate on the premises of such reseller.

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

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

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

<u>Interconnecting Carrier:</u> Any carrier that connects to the Company's network for exchange of communications traffic.

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Missouri Tariff No. 9 Original Page 6

ACCESS SERVICES TARIFF

SECTION 1 DEFIINITION OF TERMS

<u>Access Service</u>: Switched or Special Access to the network of any Interconnecting Carrier for the purpose of originating or terminating communications.

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

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

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

<u>Customer:</u> The person, firm or corporation, which orders service and is responsible for the payment of charges and compliance with the Company's regulations.

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

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

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

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

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

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

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SECTION 1 - DEFINITION OF TERMS (CONT'D.)

Interconnecting Carrier: Any carrier that connects to the Company's network for exchange of (M) communications traffic. (M)

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

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

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

Mbps: Megabits per second.

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

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

<u>Network Services:</u> The Company's telecommunications access services offered on the Company's Network.

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

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

<u>Originating On-Net:</u> A call originating on and placed via Company owned facilities or a combination of Company owned and leased facilities.

<u>Originating Off-Net:</u> A call originating on and placed via non-Company owned facilities or a combination of non-Company owned and leased facilities.

PIU: Percent Interstate Usage

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

(Some material previously located on this page is now on page 8.)

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SECTION 1 - DEFINITION OF TERMS (CONT'D.)

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

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

Mbps: Megabits per second.

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

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

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

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

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

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

PIU: Percent Interstate Usage

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

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

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Missouri Tariff No. 9 Original Page 7

ACCESS SERVICES TARIFF

SECTION 1 - DEFINITION OF TERMS (CONT'D.)

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

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

<u>Mbps:</u> Megabits per second.

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

<u>Network Services:</u> The Company's telecommunications access services offered on the Company's Network.

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

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

<u>Originating On-Net:</u> A call originating on and placed via Company owned facilities or a combination of Company owned and leased facilities.

<u>Originating Off-Net:</u> A call originating on and placed via non-Company owned facilities or a combination of non-Company owned and leased facilities.

<u>PIU:</u> Percent Interstate Usage

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

<u>Premises:</u> The space occupied by a Customer or authorized user in a building or buildings or contiguous property (except railroad right-of-way, etc.) not separated by a highway.

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Missouri Tariff No. 9 2nd Revised Page 8 Cancels 1st Revised Page 8

ACCESS SERVICES TARIFF

SECTION 1 - DEFINITION OF TERMS (CONT'D.)

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

<u>Recurring Charges:</u> The monthly charges to the Customer for services, facilities and equipment, which continue for the agreed upon duration of the service.

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

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

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

<u>Shared:</u> A facility or equipment system or subsystem which can be used simultaneously by several Customers.

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

<u>Switched Access Service</u>: Access to the switched network of an Exchange Carrier for the purpose of originating or terminating communications.

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

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CANCELLED July 1, 2021 Missouri Public Service Commission JL-2021-0205 Kelly Faul - Regulatory Affairs Director 13865 Sunrise Valley Dr. Herndon, VA 20171 Effective: July 23, 2012

SECTION 1 - DEFINITION OF TERMS (CONT'D.)

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

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

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

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

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

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

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

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

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

(N)

(N)

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Kelly Faul - Regulatory Affairs Director 13865 Sunrise Valley Dr.

Effective: February 9, 2012

ACCESS SERVICES TARIFF

SECTION 1 - DEFINITION OF TERMS (CONT'D.)

<u>Recurring Charges:</u> The monthly charges to the Customer for services, facilities and equipment, which continue for the agreed upon duration of the service.

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

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

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

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

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

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

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ACCESS SERVICES TARIFF SECTION 2 - REGULATIONS (CONT'D.)

2.11 <u>Obligations of the Customer</u> (cont'd)

2.11.4 Identification and Rating of Toll VoIP-PSTN Traffic

A. <u>Scope</u>

- 1. Toll VoIP-PSTN Traffic is a Customer's interexchange voice traffic that (1) is exchanged with the Company in Time Division Multiplexing ("TDM") format over Public Switched Telephone Network ("PSTN") facilities and (2) originates and/or terminates in Internet Protocol ("IP) format. Toll VoIP-PSTN Traffic originates and/or terminates in IP format when it originates from and/or terminates to an end user of a service that requires IP-compatible customer premises equipment.
- 2. In the absence of an agreement between the Company and the Customer specifying the treatment of Toll VoIP-PSTN Traffic, this section governs the treatment of Toll VoIP-PSTN Traffic pursuant to 47 C.F.R. § 51.913 and the Federal Communications Commission's orders adopting and amending those rules ("Section 51.913").
- 3. This section will be applied to identify intrastate Toll VoIP-PSTN Traffic exchanged with a Customer or its affiliate that is a local exchange carrier only to the extent that the Customer or its local exchange carrier affiliate has also implemented billing for intrastate Toll VoIP-PSTN Traffic in accordance with Section 51.913.

B. Rating of Toll VoIP-PSTN Traffic

All interstate Toll VoIP-PSTN Traffic and intrastate terminating Toll VoIP-PSTN Traffic will (C) be billed at rates equal to the Company's Tariff FCC No. 1 which are provided in Section (C) 6.3.3.G of this tariff.

Any intrastate originating Toll VoIP-PSTN Traffic identified in accordance with this tariff (N) section will be billed at rates equal to the Company's relevant intrastate originating switched access rates as provided in section 6 of this tariff. (N)

(D)

(D)

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CANCELLED October 8, 2014 Missouri Public Service Commission JL-2015-0100 Kelly Faul - Regulatory Affairs Director 13865 Sunrise Valley Dr. Herndon, VA 20171 Effective: August 16, 2014

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Missouri Tariff No. 9 1st Revised Page 25.1 Cancels Original Page 25.1

(C)

(C) (D)

(D)

(C)

ACCESS SERVICES TARIFF SECTION 2 - REGULATIONS (CONT'D.)

2.11 <u>Obligations of the Customer</u> (cont'd)

2.11.4 Identification and Rating of Toll VoIP-PSTN Traffic

A. <u>Scope</u>

- 1. Toll VoIP-PSTN Traffie is a Customer's interexchange voice traffic that (1) is exchanged with the Company in Time Division Multiplexing ("TDM") format over Public Switched Telephone Network ("PSTN") facilities and (2) originates and/or terminates in Internet Protocol ("IP) format. Toll VoIP-PSTN Traffic originates and/or terminates in IP format when it originates from and/or terminates to an end user of a service that requires IP-compatible customer premises equipment.
- 2. In the absence of an agreement between the Company and the Customer specifying the treatment of Toll VoIP-PSTN Traffic, this section governs the treatment of Toll VoIP-PSTN Traffic pursuant to 47 C.F.R. § 51.913 and the Federal Communications Commission's orders adopting and amending those rules ("Section 51.913").
- This section will be applied to identify intrastate Toll VoIP-PSTN Traffic exchanged with a Customer or its affiliate that is a local exchange carrier only to the extent that the Customer or its local exchange carrier affiliate (C) has also implemented billing for intrastate Toll VoIP-PSTN Traffic in (C) accordance with Section 51.913.
- B. Rating of Toll VoIP-PSTN Traffic

All interstate Toll VoIP-PSTN Traffic and any intrastate terminating Toll VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates (C) equal to the Company's Tariff FCC No. 1 which are provided in Section 6.3.3.G of this tariff.

As of July 11, 2012, any intrastate originating Toll VoIP-PSTN Traffic will be billed (N) at rates equal to the Company's intrastate originating switched access rates as provided in sections [sections 5 and 6 of this tariff or XO Communications, LLC Tariff FCC No. 1, Section 6.]. (N)

Issued: June 22, 2012

CANCELLED August 16, 2014

Missouri Public

Service Commission

JL-2015-0012

Kelly Faul - Regulatory Affairs Director 13865 Sunrise Valley Dr. Herndon, VA 20171 Effective: July 23, 2012

SECTION 2 - REGULATIONS (CONT'D.)

2.11 Obligations of the Customer (cont'd)

2.11.4 Identification and Rating of Toll VolP-PSTN Traffic

- A. <u>Scope</u>
 - 1. Toll VoIP-PSTN Traffic is a Customer's interexchange voice traffic that (1) is exchanged with the Company in Time Division Multiplexing ("TDM") format over Public Switched Telephone Network ("PSTN") facilities and (2) originates and/or terminates in Internet Protocol (IP) format. Toll VoIP-PSTN Traffic originates and/or terminates in IP format when it originates from and/or terminates to an end user of a service that requires IP-compatible customer premises equipment.
 - 2. In the absence of an agreement between the Company and the Customer specifying the treatment of Toll VoIP-PSTN Traffic, this section governs the treatment of Toll VoIP-PSTN Traffic pursuant to the Federal Communications Commission's Part 51 Interconnection Rules and in compliance with the Federal Communications Commission's Report and Order and Further Notice of Proposed Rulemaking in CC Docket Nos. 96-45 and 01-92; GN Docket No. 09-51; WC Docket Nos. 03-109, 05-337, 07-135 and 10-90; and WT Docket No. 10-08, adopted October 27, 2011 and released November 18, 2011 ("FCC 11-161")
 - 3. This section will be applied to identify intrastate Toll VoIP-PSTN Traffic exchanged with a Customer that is a local exchange carrier only to the extent that the Customer has also implemented billing for intrastate Toll VoIP-PSTN Traffic in accordance with FCC 11-161.

B. Rating of Toll VoIP-PSTN Traffic

As of December 29, 2011, all interstate Toll VoIP-PSTN Traffic and any intrastate Toll VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to the Company's Tariff FCC No. 1 which are provided in Section 6.3.3.G of this tariff.

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Kelly Faul - Regulatory Affairs Director CANCELED July 23, 2012 Missouri Public Service Commission JL2012-0830

SECTION 2 - REGULATIONS (CONT'D.)

2.11 Obligations of the Customer (cont'd)

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

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

The Company will determine the number of intrastate terminating Toll VoIP-PSTN (C) Traffic minutes of use ("MOU") to which interstate terminating switched access rates will be applied under section 2.11.4.B, above, by applying a Percentage VoIP Usage ("PVU") factor to the total intrastate terminating switched access MOU received by the Company from the Customer. The PVU will be derived and applied as follows: (C)

- 1. The Customer will calculate and furnish to the Company a factor (the "PVU-C") representing the percentage of the total intrastate terminating switched access MOU that the Customer delivers to the Company for termination in the state, that originated in IP format. This PVU-C shall be based on information such as the number of the Customer's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.
 - 2. The Company will, likewise, calculate a factor (the "PVU-X") representing the percentage of the Company's total intrastate terminating switched access MOU in the state that the Company terminates on its network in IP format. This PVU-X shall be based on information, such as the number of the Company's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.

3. The Company will use the PVU-C and PVU-X factors to calculate a PVU factor that represents the percentage of total intrastate terminating switched access MOU received by the Company from the Customer that is originated or terminated in IP format, whether at the Company's end, at the Customer's end, or at both ends. The PVU factor will be calculated as the sum of: (A) the PVU-C factor and (B) the PVU-X factor times (1.0 minus the PVU-C factor).

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SECTION 2 - REGULATIONS (CONT'D.)

2.11 Obligations of the Customer (cont'd)

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

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

The Company will determine the number of intrastate Toll VoIP-PSTN Traffic minutes of use ("MOU") to which interstate switched access rates will be applied under section 2.11.4.B, above, by applying a Percent VoIP Usage ("PVU") factor to the total intrastate access MOU exchanged between the Company and the Customer. The PVU will be derived and applied as follows:

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

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(C)

SECTION 2 - REGULATIONS (CONT'D.)

2.11 Obligations of the Customer (cont'd)

2.11.4 Identification and Rating of Toll VolP-PSTN Traffic (Cont'd)

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

The Company will determine the number of intrastate Toll VoIP-PSTN Traffic minutes of use ("MOU") to which interstate switched access rates will be applied under section 2.3.4.B, above, by applying a Percent VoIP Usage ("PVU") factor to the total terminating intrastate access MOU received by the Company from the Customer. The PVU will be derived and applied as follows:

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

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ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.11 <u>Obligations of the Customer</u> (cont'd)

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

- C. Calculation and Application of Percent-VoIP-Usage Factor (Cont'd)
 - 4. The Company will apply the PVU factor to the total intrastate terminating (C) switched access MOU received from the Customer in order to determine the number of intrastate terminating Toll VoIP-PSTN Traffic MOU. (C)

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

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

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

- 5. The Customer shall not modify its reported PIU factor to account for Toll VoIP-PSTN Traffic.
- 6. The Customer shall retain any call detail, work papers and information used to develop the PVU-C factor for a minimum of one year.
- 7. If the Customer does not furnish the Company with a PVU-C pursuant to section 2.11.4.C.1, above, the Company will utilize a PVU-C equal to zero.

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SECTION 2 - REGULATIONS (CONT'D.)

2.11 Obligations of the Customer (cont'd)

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

- C. Calculation and Application of Percent-VoIP-Usage Factor (Cont'd)
 - 4. The Company will apply the PVU factor to the total intrastate access MOU exchanged with the Customer in order to determine the number of intrastate Toll VoIP-PSTN Traffic MOU.

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

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

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

- 5. The Customer shall not modify its reported PIU factor to account for Toll VoIP-PSTN Traffic.
- 6. The Customer shall retain any call detail, work papers and information used to develop the PVU-C factor for a minimum of one year.
- 7. If the Customer does not furnish the Company with a PVU-C pursuant to section 2.11.4.C.1, above, the Company will utilize a PVU-C equal to zero.

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ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.11 Obligations of the Customer (cont'd)

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

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

4. The Company will apply the PVU factor to the total intrastate access MOU received from the Customer in order to determine the number of intrastate Toll VoIP-PSTN Traffic MOU.

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

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

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

- 5. The Customer shall not modify its reported PIU factor to account for Toll VoIP-PSTN Traffic.
- 6. The Customer shall retain any call detail, work papers and information used to develop the PVU-C factor for a minimum of one year.
- 7. If the Customer does not furnish the Company with a PVU-C pursuant to section 2.3.4.C.1, above, the Company will utilize a PVU-C equal to zero.

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SECTION 2 - REGULATIONS (CONT'D.)

2.11 <u>Obligations of the Customer</u> (cont'd)

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

D. Initial PVU factor

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

E. <u>PVU Factor Updates</u>

- The Customer may update the PVU-C factor quarterly using the method set forth in section 2.3.4.C.1, above. If the Customer chooses to submit such updates, it shall provide to the Company, no later than 15 days after the first day of January, April, July and/or October of each year, a revised PVU-C factor based on data for the prior three months, ending the last day of December, March, June, and September, respectively.
- 2. The Company may, likewise, update the PVU-X factor quarterly based on data for the prior three months.
- 3. The Company will use any revised PVU-C and/or PVU-X factors to calculate a revised PVU that will apply prospectively and serve as the basis for subsequent billing until superseded by a new PVU. No prorating or backbilling will be done based on the updated PVU-C or PVU-X factors.

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SECTION 2 - REGULATIONS (CONT'D.)

2.11 Obligations of the Customer (cont'd)

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

- F. <u>PVU Factor Verification</u>
 - 1. Not more than twice in any year, the Company may request from the Customer an overview of the process used to determine the PVU-C factor, the call detail records, description of the method for determining how the end user originates or terminates calls in IP format, and other information used to determine the Customer's PVU-C factors furnished to the Company in order to validate the PVU-C factor supplied. The Customer shall supply the requested data and information within 15 days of the Company's request.
 - 2. The Company may dispute the Customer's PVU-C factor based upon:
 - (a) A review of the requested data and information provided by the Customer.
 - (b) The Company's review of other market information, FCC reports on VoIP lines, such as FCC Form 477 or state level results based on FCC Local Competition Report or other relevant data.
 - (c) A change in the reported PVU-C factor by more than five percentage points from the preceding quarter.
 - 3. If, after review of the data and information, the Customer and the Company agree upon a revised PVU-C factor, the Customer and the Company will begin using that revised PVU-C factor with the next bill period.

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ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.11 Obligations of the Customer (cont'd)

2.11.5 Call Signaling

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

(N) | (N)

A. <u>Signaling System 7 (SS7) Signaling</u>

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

B. <u>Multi-Frequency (MF) Signaling</u>

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

C. Internet Protocol (IP) Signaling

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

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SECTION 2 - REGULATIONS (CONT'D.)

2.11 Obligations of the Customer (cont'd)

2.11.5 Call Signaling

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

A. <u>Signaling System 7 (SS7) Signaling</u>

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

B. <u>Multi-Frequency (MF) Signaling</u>

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

C. Internet Protocol (IP) Signaling

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

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ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.14 Payment Arrangements (cont'd)

2.14.3 Billing or Payment Disputes

Customers must dispute bills or rates charges within thirty (30) days of invoice. If a Customer does not give the Company written notice of a billing or rate dispute within thirty (30) days from the date that the Company rendered the invoice, such invoice and the charges levied shall be deemed to be reasonable, correct, and binding. In the event that the Customer disputes any billing or rates, Customer shall do so as set forth below, and shall nevertheless pay eighty percent (80%) of the disputed invoiced charges and all undisputed charges within the thirty (30) day period specified above. Payment shall not prejudice Customer's right to dispute charges, as long as they are disputed in the manner and within the thirty (30) days specified in this Section. The Customer first complies with this Section and in any event more than ninety (90) days after the Company renders the bill.

If the Customer disputes a bill, the Customer must document its claim to the Company in writing. For purposes of this tariff, the dispute date is the date on which the Customer presents sufficient documentation to support a claim.

Sufficient documentation consists of, but is not limited to, the following information, where such information is relevant to the dispute and available to the Customer:

- A. the nature of the dispute (i.e. alleged incorrect rate, alleged incorrect minutes of use, etc.), including the basis for the Customer's belief that the bill is incorrect;
- B. the type of usage (i.e. originating or terminating);
- C. the Company end office where the minutes of use originated or terminated (if applicable);
- D. the number of minutes in dispute;
- E. the billing account number(s) (BANs) assigned by the Company;

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ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.14 Payment Arrangements (cont'd)

2.14.3 <u>Billing or Payment Disputes</u> (cont'd)

- F. the dollar amount in dispute;
- G. the date of the bill(s) in question;
- H. the circuit number or complete system identification and DS3 system identification if the dispute concerns a Connecting facility Assignment (CFA) on a DS1. The Customer should also provide line number, trunk number, and Two Six Code (TSC);
- I. Purchase Order Number (PON) and dates involved (due date or as-of date) for disputes involving order activity and what the Customer believes is incorrect (e.g. non-recurring charges, mileage, circuit identification) and why the Customer believes it to be incorrect (not received, not ordered, incorrect rate, etc.). For order activity disputes, Customer's documentation should include traffic reports, billing cycle, and, whether or not the Customer shares the service, including both main and shared service BANs. The Customer must also provide the line number, trunk number, and two Six Code as well as end-office identification and; any other information necessary to facilitate dispute resolution.

If the Company needs additional information from the Customer to assist in resolving the dispute, the Company may request that the Customer provide this information. This data may include, but is not limited to, summarized usage by time of day. The request for such additional information shall not affect the dispute date established by this section.

The date of resolution shall be the date on which the Company completes its investigation of the dispute, notifies the Customer of the disposition of the complaint.

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ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.14 Payment Arrangements (cont'd)

2.14.4 Deposits

- A. To safeguard its interest, the Company may require a Customer to make a deposit to be held as a guarantee for the payment of charges. A deposit does not relieve the Customer of the responsibility for the prompt payment of bills on presentation. The deposit will not exceed an amount equal to:
 - 1. two month's charges for a service or facility which has a minimum payment period of one month; or
 - 2. the charges that would apply for the minimum payment period for a service or facility which has a minimum payment period of more than one month; except that the deposit may include an additional amount in the event that a termination charge is applicable. At the Company's option, such deposit may be refunded to the Customer's account at any time. Also, the Company reserves the right to cease accepting and processing Service Orders after it has requested a security deposit and prior to the Customer's compliance with this request.
- B. A deposit may be required in addition to an advance payment.
- C. When a service or facility is discontinued, the amount of a deposit, if any, and any interest accrued pursuant to Section 2.14.4.D, will be applied to the Customer's account and any credit balance remaining will be refunded. Before the service or facility is discontinued, the Company may, at its option, return the deposit or credit it to the Customer's account.
- D. Deposits held by the Company will accrue interest at a rate of 9%. (1% above federal)

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ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.15 <u>Allowances for Interruptions in Service (cont'd)</u>

2.15.2 Limitations on Allowances

- A. No credit allowance will be made for:
 - 1. interruptions due to the negligence of, or noncompliance with the provisions of this tariff by, the Customer, authorized user, joint user, or other common company providing service connected to the service of the Company;
 - 2. interruptions due to the negligence of any person other than the Company, including but not limited to the Customer or other common companies connected to the Company's facilities;
 - 3. interruptions due to the failure or malfunction of non-company equipment;
 - 4. interruptions of service during any period in which the Company is not given full and free access to its facilities and equipment for the purpose of investigating and correcting interruptions;
 - 5. interruptions of service during a period in which the Customer continues to use the service on an impaired basis;
 - 6. interruptions of service during any period when the Customer has released service to the Company for maintenance purposes or for implementation of a Customer order for a change in service arrangements, and
 - 7. interruption of service due to circumstances or causes beyond the control of the Company.

B. <u>Use of alternative service provided by the Company</u>

Should the Customer elect to use an alternative service provided by the Company during the period that a service is interrupted, the Customer must pay the tariffed rates and charges for the alternative service used.

2.15.3 Cancellation For Service Interruption

Cancellation or termination for service interruption is permitted only if any circuit experiences a single continuous outage of 8 hours or more or cumulative service credits equaling 16 hours in a continuous 12-month period. The right to cancel service under this provision applies only to the single circuit which has been subject to the outage or cumulative service credits.

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ACCESS SERVICES TARIFF

SECTION 2 - REGULATIONS (CONT'D.)

2.16 Cancellation of Service

If a Customer cancels a Service Order or terminates services before the completion of the term for any reason whatsoever other than a service interruption (as defined in 2.14.2 above), Customer agrees to pay to Company the following sums which shall become due and owing as of the effective date of the cancellation or termination and shall be payable within the period set forth in 2.14.2 : 1) all nonrecurring charges reasonably expended by the Company to establish service to Customer, plus 2) any disconnection, early cancellation or termination charges reasonably incurred and paid to third parties by the Company on behalf of Customer, plus 3) all recurring charges specified in the applicable Service Order for the balance of the then current term.

The terms and conditions specified in Section 3.2.3 will apply for cancellation of an access service request.

2.17 Transfers and Assignments

Neither the Company nor the Customer may assign or transfer its rights or duties in connection with the services and facilities provided by the Company without the written consent of the other party, except that the Company may assign its rights and duties (a) to any subsidiary, parent company or affiliate of the Company; (b) pursuant to any sale or transfer of substantially all the assets of the Company; or (c) pursuant to any financing, merger or reorganization of the Company.

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ACCESS SERVICES TARIFF

SECTION 3 - ORDERING OPTIONS

3.1 <u>General</u>

This section sets forth the regulations and order related charges for Access Service Requests (ASR) for Switched and Special Access Service, as defined in this tariff. These charges are in addition to other applicable charges set forth in other sections of this tariff.

3.1.1 Ordering Conditions

All services offered under this tariff will be ordered using an ASR. The format of the ASR will be as specified in the industry Access Service Order Guidelines, unless otherwise specified herein. A Customer may order any number of services of the same type and between the same Premises on a single ASR. All details for services for a particular order must be identical.

The Customer shall provide all information necessary for the Company to provide and bill for the requesting service. When placing an order for Access Service, the Customer shall provide the following minimum information:

- A. Customer name and Premise(s) address(es);
- B. Billing name and address (when different from Customer name and address);
- C. Customer contact name(s) and telephone number(s) for the following provisioning activities: order negotiating, order confirmation, interactive design, installation and billing.

The order date (Application Date) is the date on which the Company receives a firm commitment and sufficient information from the Customer to allow processing of the ASR. The Customer is advised of the critical events in the provisioning process, the Application Date, the Plant Test Date and the Service Commencement Date, at the time the company gives the Customer a Firm Order Confirmation (FOC). The FOC is forwarded to the Customer within 2 business days after the date on which all information needed to process the ASR has been received by the Company.

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ACCESS SERVICES TARIFF

SECTION 3 - ORDERING OPTIONS

3.2 Access Order

An ASR is required by the Company to provide a Customer both Switched and Special Access Service, as described herein. An ASR will be required for each new similar service arrangement or group of common circuits. In those cases where the Customer has used Company's Switched and Special Access Service without the submission of an ASR, the Customer is responsible for the payment for such services under the terms and conditions of this tariff.

When a customer requests new or additional Switched Access Service, one or more ASR's may be required. The number of orders required is dependent on the type of services and/or facilities being requested.

When placing an order for either Direct Connect Service or Tandem Connect Service, as described in Sections 5.2.3.A and 5.2.3.B, respectively, the Customer shall provide all standard ASR ordering information as specified in industry guidelines. The Customer will also be required to provide this information to order additional service for an existing service type. For new Customers ordering Tandem Connect Service, the Customer will only be required to complete an ASR for installation of new service.

3.2.1 Access Service Date Intervals

Access Service is provided with one of the following Service Date intervals:

- Standard Interval
- Negotiated Interval

The Company will specify a FOC and the Service Commencement Date contingent on the ASR being complete as received. To the extent the Access Service can be made available with reasonable effort, the Company will provide the Access Service in accordance with the Customer's requested interval, subject to the following conditions:

A. <u>Standard Interval</u>

The Standard Interval for Switched and Special Access Service will be 10 business days from the Application Date. This interval only applies to standard service offerings for a Customer which is On-Net and at locations where there are pre-existing facilities to the Customer premises. Access Services provided under the Standard Interval will be installed during Company business hours.

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ACCESS SERVICES TARIFF

SECTION 3 - ORDERING OPTIONS

3.2 Access Order

An ASR is required by the Company to provide a Customer both Switched and Special Access Service, as described herein. An ASR will be required for each new similar service arrangement or group of common circuits.

When a customer requests new or additional Switched Access Service, one or more ASR's may be required. The number of orders required is dependent on the type of services and/or facilities being requested.

When placing an order for either Direct Connect Service or Tandem Connect Service, as described in Sections 5.2.3.A and 5.2.3.B, respectively, the Customer shall provide all standard ASR ordering information as specified in industry guidelines. The Customer will also be required to provide this information to order additional service for an existing service type. For new Customers ordering Tandem Connect Servicé, the Customer will only be required to complete an ASR for installation of new service.

3.2.1 Access Service Date Intervals

Access Service is provided with one of the following Service Date intervals:

- Standard Interval
- Negotiated Interval

The Company will specify a FOC and the Service Commencement Date contingent on the ASR being complete as received. To the extent the Access Service can be made available with reasonable effort, the Company will provide the Access Service in accordance with the Customer's requested interval, subject to the following conditions:

A. <u>Standard Interval</u>

The Standard Interval for Switched and Special Access Service will be 10 business days from the Application Date. This interval only applies to standard service offerings for a Customer which is On-Net and at locations where there are pre-existing facilities to the Customer premises. Access Services provided under the Standard Interval will be installed during Company business hours.

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ACCESS SERVICES TARIFF

SECTION 3 - ORDERING OPTIONS

3.2 Access Order (cont'd)

3.2.2 Access Service Request Modifications

The Customer may request a modification of its ASR prior to the Service Commencement Date. All modifications must be in writing using the industry ASR process. The Company, in its sole discretion, may accept a verbal modification from the Customer. The Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. Charges for access service order modification will apply as set forth below, on a per occurrence basis.

Any increase in the number of Special Access Service Channels, Switched Access Service lines, trunks, transport facilities, Out of Band Signaling connections or any change in engineering or functionality of a service will be treated as a new ASR with a new Service Date Interval.

A. Service Commencement Date Changes

ASR service dates for the installation of new services or rearrangement of existing services may be changed, but the new service date may not exceed the original Service Commencement Date by more than 30 calendar days. When, for any reason, the Customer indicates that service cannot be accepted for a period not to exceed 30 calendar days, and the Company accordingly delays the start of service, a Service Change Charge will apply. In addition, when the Customer submits a request for a Service Date Change that is less than five business days from the date of notification by the Customer, a Service Date Charge and an Expedite Charge will apply. No Expedite Charge will apply if the Customer requests a Service Date Change that is more than 5 business days from the date of request by the Customer but earlier than the original requested Service Commencement Date.

If the Customer requested service date is more than 30 calendar days after the original service date, the order will be canceled by the Company on the 31st day. Appropriate cancellation charges will be applied. If the Customer still requires the service, the Customer must place a new ASR with the Company.

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ACCESS SERVICES TARIFF

SECTION 3 - ORDERING OPTIONS

3.2 Access Order (cont'd)

3.2.3 Cancellation of an Access Service Request

A Customer may cancel an ASR for the installation of Switching Access Service at any time prior to notification by the Company that service is available for the Customer's use. The cancellation date is the date the Company receives written or verbal notice from the Customer that the order is to be canceled. The verbal notice must be followed by written confirmation within 10 days. A Customer may negotiate an extension of the service date of an ASR for installation of new services or rearrangement of existing service, in which case a Service Date Change Charge will apply. However, the new service date cannot exceed the originally established service date by more than 30 calendar days. On the 31st day beyond the original service date, the ASR will be canceled and the appropriate Cancellation Charge will be applied.

Except as stated herein, Cancellation Charges will apply as specified in Section 6.3.3.C.

If the cancellation occurs prior to the Company's receiving the ASR, no charges shall apply.

A Customer may cancel an ASR for the installation of Special Access Service without incurring a charge at any time prior to the acceptance of a Negotiated Interval Service Date by the Customer. Cancellation Charges will apply for Special Access Service if the Customer cancels more than 48 hours after the Application Date. Cancellation Charges for Expedited Orders will be applied for any order canceled from the Application Date forward.

If the Company misses a service date for a Standard or Negotiated Interval Access Order by more than 30 days due to circumstances such as acts of God, governmental requirements, work stoppages and civil commotions, the Company shall not be liable for such delay and the Customer may cancel the ASR without incurring cancellation charges.

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Missouri Tariff No. 9 Original Page 54

ACCESS SERVICES TARIFF

SECTION 3 - ORDERING OPTIONS

3.2 Access Order (cont'd)

3.2.4 Minimum Period of Service

The minimum period for which DS-0 or DS-1 Access Service is provided and for which charges are applicable is one month. The minimum period for which DS-3 or greater Access Service is provided and for which charges are applicable is at least one year.

- A. The following changes will be treated as a discontinuance of the existing service and a request for installation of a new service. All associated Nonrecurring Charges will apply for the new service, and a new minimum period will be established:
 - 1. A change in the identity of the Customer of record;
 - 2 A move by the Customer to a different building;
 - 3. A change in type of service;
 - 4. A change in Switched Access Service Interface (i.e., DS1 or DS3);
 - 5. A change in Switched Access Service Traffic Type;
 - 6. A change in type of Special Access Service Channel Termination;
 - 7. A change from 2-point to multipoint Special Access Service.
- B. When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. The Minimum Period Charge for monthly billed services will be determined as follows:

For Switched Access Service, the charge for a month or fraction thereof is the applicable minimum monthly charge for the capacity made available to the Customer.

For Special Access Service facilities, the charge for a month or fraction thereof is the applicable monthly charge for the service as set forth in this tariff. All applicable Nonrecurring Charges for the service will be billed in addition to the Minimum Period Charge.

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MOa0501

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ACCESS SERVICES TARIFF

SECTION 4 - SPECIAL ACCESS

4.1 General

Special Access Services consist of any of the services offered hereunder, either individually or in combination. Each service is offered independently of all others.

4.2 Transmission Service

- 4.2.1 Transmission Service is offered via the Company's facilities for the transmission of oneway and two-way communications.
- 4.2.2 Digital channels over the Company's Network are furnished for full-duplex transmission of digital signals at operating speeds as follows:

64 Kbps	(S-0)
56 Kbps	(DS-0)
1.544 Mbps	(DS-1)
44.736 Mbps	(DS-3)

Digital channels operating at speeds other than those listed above may be provided at the Company's option on an Individual Case Basis (ICB). The rates for the operating speeds outlined above are described in Section 6.2.

4.2.3 Digital channels furnished by the Company at 1.544 Mbps, interconnections to such channels and equipment's interfacing to such channels shall meet the following characteristics:

Line Rate:	1.544 Mbps + 20 ppm
Line Code 1	Bipolar Alternate Mark Inversion (AMI)
Line Code 2:	Bipolar 8 zero substitution (B8ZS)
Line Impedance:	75 ohms +/- 5%
Jitter:	The multiplexer will add not more than 0.3 time slot of rms Jitter
	to a DS-1 signal when looped at the DS-3 point.

4.2.4 Digital channels furnished by the Company at 44.736 Mbps, interconnection to such channels shall meet the following technical characteristics:

Line Rate:	44.736 Mbps +/- 20 ppm
Line Code:	Bipolar with three zero substitution (B3ZS).
Line Impedance:	75 ohms +/- 5%

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ACCESS SERVICES TARIFF

SECTION 5 - SWITCHED ACCESS SERVICE

5.1 <u>General</u>

Switched Access Service, which is available to Customers for their use in furnishing their services to End Users or other customers, including carriers; provides a two-point communications path between a Customer's Premises and an End User's Premises or other customer, including another carrier's, Premises. It provides for the use of common terminating, switching and transport facilities. Switched Access Service provides the ability to originate calls from an End User's Premises location to a Customer's Premises, and to terminate calls from a Customer's Premises to an End User's Premises.

Rates and charges are set forth in Section 6.3.

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ACCESS SERVICES TARIFF

SECTION 5 - SWITCHED ACCESS SERVICE

5.1 <u>General</u>

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Switched Access Service, which is available to Customers for their use in furnishing their services to End Users, provides a two-point communications path between a Customer's Premises and an End User's Premises. It provides for the use of common terminating, switching and transport facilities. Switched Access Service provides the ability to originate calls from an End User's Premises location to a Customer's Premises, and to terminate calls from a Customer's Premises to an End User's Premises.

Rates and charges are set forth in Section 6.3.

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ACCESS SERVICES TARIFF

SECTION 5 - SWITCHED ACCESS SERVICE, (CONT'D.)

5.2 Provision and Description of Switched Access Service Agreements

5.2.3 <u>Rate Categories</u>

The following rate categories apply to Switched Access Service:

- Direct Connect
- Tandem Connect
- 800 Data Base Access Service
- Optional Features

Except as stated as follows, Tandem Connect Service is provided in conjunction with the tandem provider serving the area. Charges are computed in accordance with Section 2.14.2.F preceding (Ordering, Rating, and Billing of Access Services Where More Than One Exchange Carrier is Involved).

A. Direct Connect

The Company will provide Direct Connect, between the Customer's Premises and the Company's Local Switching Center switch(es). This transmission path is dedicated to the use of a single Customer. DS1 and DS3 facilities are available for Direct Connect Service. A DS1 facility is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. A DS3 facility is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice-frequency transmission paths. For DS3 facilities, if the Company is required to install additional fiber optic equipment for the benefit of the Customer, then the Customer has the option to choose either an optical or electrical interface. This Direct connect rate category is comprised of a monthly Entrance Facilities charge and the applicable rate elements as specified in 6.3.3.

B. <u>Tandem Connect</u>

Tandem Connect consists of circuits from the point of interconnection with Customer's tandem provider to the Company's Local Switching Center. This Tandem Connect rate category is comprised of a Minutes of Use (MOU) based End-Office switching and tandem switched transport charges.

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ACCESS SERVICES TARIFF

SECTION 5 - SWITCHED ACCESS SERVICE, (CONT'D.)

5.2 Provision and Description of Switched Access Service Agreements

5.2.3 <u>Rate Categories</u>

The following rate categories apply to Switched Access Service:

- Direct Connect
- Tandem Connect
- 800 Data Base Access Service
- Optional Features

Except as stated as follows, Tandem Connect Service is provided in conjunction with the tandem provider serving the area. Charges are computed in accordance with Section 2.14.2.F preceding (Ordering, Rating, and Billing of Access Services Where More Than One Exchange Carrier is Involved).

A. <u>Direct Connect</u>

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B. <u>Tandem Connect</u>

Tandem Connect consists of circuits from the point of interconnection with Customer's tandem provider to the Company's Local Switching Center. This Tandem Connect rate category is comprised of a Minutes of Use (MOU) based End-Office switching and tandem switched transport charges.

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ACCESS SERVICES TARIFF

SECTION 5 - SWITCHED ACCESS SERVICE, (CONT'D.)

5.2 <u>Provision and Description of Switched Access Service Agreements (cont'd)</u>

5.2.3 <u>Rate Categories</u> (cont'd.)

C. <u>800 Database Access Service</u>

800 Database Access Service is a service offering utilizing originating Trunk side Switched Access Service. When an 800(or888)+NXX+XXXX call is originated by an End User, the Company will perform Customer Identification based on screening of the full ten-digits of the 800 number to determine the Customer location to which the call is routed.

The 800 Database charge, which consists of a single, fixed rate element, applies on a per query basis.

- D. Switched Access Service Optional Features
 - 1. <u>Non-chargeable Optional Features</u> Where transmission facilities permit, the Company will, at the option of the Customer, provide the following non-chargeable optional feature, in association with Switched Access Service.
 - (a) Supervisory Signaling

2. <u>Chargeable Optional Features</u>

Where transmission facilities permit, the Company will, at the option of the Customer, provide the following chargeable optional features, as described in Section 5.5.2, in association with Switched Access Service.

- (a) 800 Database Access Service Query
- (b) Signaling Transfer Point Access

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MOa0501

Missouri Tariff No. 9 Original Page 65

ACCESS SERVICES TARIFF

SECTION 5 - SWITCHED ACCESS SERVICE, (CONT'D.)

5.5 <u>Switched Access Optional Features</u>

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups for Switched Access Service.

5.5.1 Non-chargeable Optional Features

A. <u>Supervisory Signaling</u>

Supervisory Signaling is provided where the transmission parameters permit, and where signaling conversion is required by the Customer to meet its signaling capacity, the Customer may order an optional supervisory signaling arrangement in the form of Multi-frequency (MF) Signaling for each transmission path.

5.5.2 Chargeable Option Features

A. <u>800 Database Access Service</u>

The Customer will be charged a per query charge based on a query of the 800-NXX-XXXX dialed and/or delivered to the Customer in conjunction with 800 Data Base Access Service.

B. <u>Signaling Transfer Point Access</u>

The Customer will be charged a per inile charge and a per port charge for access to a specialized switch which provides SS7 network access and performs SS7 messaging, routing and screening. If a customer is connected to a third party SS7 service provider, an additional charge, as specified in Section 6.3.3.E.2 will apply.

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SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u>

There are three types of rates and charges that apply to Switched Access Service. These are Monthly Recurring Charges, usage rates and Nonrecurring Charges.

Monthly Recurring Charges:

Monthly Recurring Charges are flat rates for facilities that apply each month or fraction thereof that a specific rate element is provided.

Usage Rates:

Usage rates are rates that are applied on a per access minute or per query basis. Usage rates are accumulated over a monthly period.

Nonrecurring Charges:

Nonrecurring charges are one time charges that apply for a specific work activity (i.e., installation of new service or change to an existing service).

Installation of Service:

Nonrecurring charges apply to each Switched Access Service installed. The charge is applied per line or trunk.

6.3.1 Application of Rates

- <u>Direct Connect</u> The Direct Connect rate is assessed based on the total of the monthly Entrance Facilities charge and the usage rates of applicable rate (T) elements. The monthly facilities charge consists of a fixed rate based on the type of the facilities, i.e., DS1 or DS3; and any applicable usage rates.
- B. <u>Tandem Connect</u> The Tandem Connect rate is assessed based on the usage (T) charges for End-Office switching and Tandem Switched Transport.
- C. <u>800 Number Translation Charge</u> The 800 Number Translation Charge applies for the translation of a specific 800 number to a ten digit telephone number on a per query basis.

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SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 Switched Access Services

There are three types of rates and charges that apply to Switched Access Service. These are Monthly Recurring Charges, usage rates and Nonrecurring Charges.

Monthly Recurring Charges:

Monthly Recurring Charges are flat rates for facilities that apply each month or fraction thereof that a specific rate element is provided.

Usage Rates:

Usage rates are rates that are applied on a per access minute or per query basis. Usage rates are accumulated over a monthly period.

Nonrecurring Charges:

Nonrecurring charges are one time charges that apply for a specific work activity (i.e., installation of new service or change to an existing service).

Installation of Service:

Nonrecurring charges apply to each Switched Access Service installed. The charge is applied per line or trunk.

6.3.1 Application of Rates

A. Direct Connect

The Direct Connect rate is assessed based on the total of the monthly Entrance Facilities charge and the monthly usage charge. The monthly facilities charge consists of a fixed rate based on the type of the facilities, i.e., DS1 or DS3, and may include a per mile rate.

B. Tandem Connect

The Tandem Connect rate is assessed based on the monthly usage charges for End-Office switching and Tandem Switched Transport.

C. <u>800 Number Translation Charge</u>

The 800 Number Translation Charge applies for the translation of a specific 800 number to a ten digit telephone number on a per query basis.

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SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3	Switche	ed Access	Services (cont'd)			
	6.3.3	Rates a	und Charges			
		А.	Change Charges (Per Order)			
			Per Occurrence Service Date Design Changes		\$0.00 \$0.00	
		B.	Cancellation Charges (Per Order)		\$0.00	
		C.	Switched Access			
			1. Direct Connect Charges			
			Per Access Minute of Non-8YY <u>Originating Use</u> \$0.003463	Per Access Minute of 8YY <u>Originating Use</u> See Note 1*	Per Access Minute Terminating Use See Note 1*	(R)
			2. <u>Tandem Connect Charges</u>			
			(a) <u>Tandem Connect Without</u>	Tandem Switching		
			Per Access Minute of Non-8YY <u>Originating Use</u> \$0.003463	Per Access Minute of 8YY <u>Originating Use</u> See Note 1*	Per Access Minute Terminating Use See Note 1*	(R)
			(b) <u>Tandem Connect With Tan</u>	ndem Switching		
			Per Access Minute of Non-8YY <u>Originating Use</u> \$0.003821	Per Access Minute of 8YY <u>Originating Use</u> See Note 1*	Per Access Minute Terminating Use See Note 1*	(R)
		D.	Chargeable Optional Features			
			800 Data Base Access Service Basic Que Per Query	ery	See Note 1*	
		E.	Non-chargeable Optional Features			
			Supervisory Signaling		no charge	

* Note 1 – 8YY Originating, 800 Data Base Access Service Basic Query, and Terminating switched access rates are billed at Company's tariffed interstate rates found in XO Communications, LLC FCC Tariff No. 1 which may be viewed at www.verizon.com/tariffs.

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JL-2022-0263

Service Commission

Kelly Faul, Senior Manager 22000 AOL Way Dulles, VA 20166 Effective: September 7, 2021

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ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u> (cont'd)

6.3.3 Rates and Charges

- Change Charges (Per Order) Α. Per Occurrence Service Date \$0.00 **Design Changes** \$0.00 Β. Cancellation Charges (Per Order) \$0.00 C. Switched Access (C) 1. Direct Connect Charges Per Access Minute Per Access Minute Per Access Minute of Non-8YY of 8YY Originating Use Originating Use Terminating Use \$0.017919 See Note 1* See Note 1* 2. Tandem Connect Charges (a) Tandem Connect Without Tandem Switching Per Access Minute Per Access Minute Per Access Minute of Non-8YY of 8YY Originating Use Originating Use Terminating Use \$0.025400 See Note 1* See Note 1* (b) Tandem Connect With Tandem Switching Per Access Minute Per Access Minute Per Access Minute of Non-8YY of 8YY Originating Use Originating Use Terminating Use \$0.026609 See Note 1* See Note 1* (Ċ) D. **Chargeable Optional Features**
- 800 Data Base Access Service Basic Query
Per Query
 See Note 1*
 (C)

 E.
 Non-chargeable Optional Features
Supervisory Signaling
 no charge

* Note 1 – 8YY Originating, 800 Data Base Access Service Basic Query, and Terminating switched access rates are billed at Company's tariffed interstate rates found in XO Communications, LLC FCC Tariff No. 1 which may be viewed at www.verizon.com/tariffs.

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	Kelly Faul, Senior Manager (T)	
	22000 AOL Way (T)	
CANCELLED	Dulles, VA 20166 (T)	FILED
September 7, 2021		Missouri Public
Missouri Public		Service Commission
Service Commission JL-2022-0033		JL-2021-0205

\$0.00

\$0.00

\$0.00

ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u> (cont'd)

6.3.3 <u>Rates and Charges</u>

A. <u>Change Charges (Per Order)</u>

Per Occurrence Service Date Design Changes

- B. <u>Cancellation Charges (Per Order)</u>
- C. <u>Switched Access</u>

	End Office (Local) Switching Transport Charge Carrier Common Line Tandem Switching * Tandem Facility (Per Min/Per Mile) End Office Trunk Port	<u>Originating</u> \$0.008222 \$0.007481 \$0.009697 \$0.0012090 n/a n/a	Terminating See Note 1** See Note 1** n/a See Note 1** See Note 1** See Note 1**	(T) (T) (T) (T)
D.	Chargeable Optional Features			(-)
	800 Data Base Access Service Basic Qu Per Query	ery	\$0.011	
E.	Non-chargeable Optional Features			
	Supervisory Signaling		no charge	

- * Tandem Switching is only applied in circumstances when a carrier utilizes the Tandem Switching function, and Transport and Carrier Common Line charges are not incurred.
- ** Note 1 Terminating switched access rates are billed at Company's tariffed interstate rates found in XO
 Communications, LLC FCC Tariff No. 1 which may be viewed at www.xo.com/legal-and-privacy/public-policy/xo-state-tariffs/.

Effective: July 1, 2014

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

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u> (cont'd)

6.3.3 <u>Rates and Charges</u>

A. Change Charges (Per Order)

Per Occurrence	
Service Date	\$0.00
Design Changes	\$0.00

B. <u>Cancellation Charges (Per Order)</u> \$0.00

C. <u>Switched Access</u>

		<u>Originating</u>	Terminating	
	End Office (Local) Switching	\$0.008222	\$0.002563	(R)
	Transport Charge	\$0.007481	\$0.000053	
	Carrier Common Line	\$0.009697	n/a	
	Tandem Switching *	\$0.0012090	\$0.000288	(R)
	Tandem Facility (Per Min/Per Mile)	n/a	\$0.000003	(N)
	End Office Trunk Port	n/a	\$0.000900	(N)
D.	Chargeable Optional Features 800 Data Base Access Service Basic Per Query	Query	\$0.011	
			ψ01011	
E.	Non-chargeable Optional Features			
	Supervisory Signaling		no charge	

* Tandem Switching is only applied in circumstances when a carrier utilizes the Tandem Switching function, and Transport and Carrier Common Line charges are not incurred.

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SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 Switched Access Services (cont'd)

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6.3.3 <u>Rates and Charges</u>

A. Change Charges (Per Order)

Per Occurrence	
Service Date	\$0.00
Design Changes	\$0.00
Cancellation Charges (Per Order)	\$0.00

C. <u>Switched Access</u>

	Originating	Terminating	
End Office (Local) Switching	\$0.008222	\$0.0058425	(R)
Transport Charge	\$0.007481	\$0.0037820	
Carrier Common Line	\$0.009697	\$0.0087915	
Tandem Switching *	\$0.0012090	\$0.0007485	(Ŕ)

D. <u>Chargeable Optional Features</u> 800 Data Base Access Service Basic Query Per Query

E. <u>Non-chargeable Optional Features</u>

Supervisory Signaling

no charge

\$0.011

Tandem Switching is only applied in circumstances when a carrier utilizes the Tandem Switching function, and Transport and Carrier Common Line charges are not incurred.

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FILED Missouri Public Service Commission TT-2012-0317; YL-2012-0716

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u> (cont'd)

6.3.3 <u>Rates and Charges</u>

A. <u>Change Charges (Per Order)</u>

Per Occurrence	
Service Date	\$0.00
Design Changes	\$0.00

B. <u>Cancellation Charges (Per Order)</u> \$0.00

C. <u>Switched Access</u>

		Originating	Terminating	
	End Office (Local) Switching	\$0.008222	\$0.008222	(I)
	Transport Charge	\$0.007481	\$0.007481	
	Carrier Common Line	\$0.009697	\$0.017583	(İ)
	Tandem Switching *	\$0.0012090	\$0.0012090	
D.	Chargeable Optional Features			
	800 Data Base Access Service Basic Per Query	Query	\$0.011	

E. <u>Non-chargeable Optional Features</u> Supervisory Signaling

no charge

* Tandem Switching is only applied in circumstances when a carrier utilizes the Tandem Switching function, and Transport and Carrier Common Line charges are not incurred.

CANCELLED July 1, 2012 Missouri Public Service Commission TT-2012-0317; YL-2012-0716

Issued: August 22, 2008

Effective: September 27, 2008

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

ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 Switched Access Services (cont'd)

6.3.3 Rates and Charges

A. Change Charges (Per Order)

	Per Occurrence Service Date Design Changes		\$0.00 \$0.00	
В.	Cancellation Charges (Per Order)		\$0.00	
C.	Switched Access			
ı	End Office (Local) Switching Transport Charge Carrier Common Line Tandem Switching *	Originating \$0.008024 \$0.007300 \$0.0094626 \$0.0012090	Terminating \$0.008024 \$0.007300 \$0.0171586 \$0.0012090	(R) (R) (R)
D.	Chargeable Optional Features			
	800 Data Base Access Service Basi Per Query	c Query	\$0.011	
E.	Non-chargeable Optional Features			
	Supervisory Signaling		no charge	

* Tandem Switching is only applied in circumstances when a carrier utilizes the Tandem Switching function, and Transport and Carrier Common Line charges are not incurred.

Issued: June 22, 2006

CANCELLED September 27, 2008 Missouri Public Service Commission

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Kelly Faul, Regulatory Affairs Director 11111 Sunset Hills Road Reston, VA 20190 Effective: July 1, 2006



MOa0504a

Missouri Tariff No. 9 1st Revised Page 79 Cancels Original Page 79

ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 Switched Access Services (cont'd)

6.3.3 Rates and Charges

A. Change Charges (Per Order)

Supervisory Signaling

	Per Occurrence Service Date Design Changes		\$0.00 \$0.00	
B.	Cancellation Charges (Per Order)		\$0.00	
C.	Switched Access			
	End Office (Local) Switching Transport Charge Carrier Common Line Tandem Switching *	<u>Originating</u> \$0.0081840 \$0.0074000 \$0.0096513 \$0.0012090	<u>Terminating</u> \$0.0081840 \$0.0074000 \$0.0175007 \$0.0012090	(R) (R) (R) (N)
D.	Chargeable Optional Features			
	800 Data Base Access Service Bas Per Query	ic Query	\$0.011	
E.	Non-chargeable Optional Features			

Tandem Switching is only applied in circumstances when a carrier utilizes the Tandem Switching function, and Transport and Carrier Common Line charges are not incurred.

Issued: November 4, 2005

Effective: December 4, 2005

no charge

Cancelled

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July 1, 2006 Missouri Public Service Commission Kelly Faul, Senior Regulatory Manager 111111 Sunset Hills Road Reston, VA 20190



MOa0504a

Missouri Tariff No. 9 Original Page 79

ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONTD.)

6.3 Switched Access Services (cont'd)

6.3.3 Rates and Charges

A. Change Charges (Per Order)

Per Occurrence

Per Occurrence

1.	Service Date	\$0.00
2	Design Changes	\$0.00

۷.	Design Changes		\$0.00
		•	

- B. <u>Cancellation Charges (Per Order</u>) \$0.00
- C. Switched Access

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		<u>Originating</u>	<u>Terminating</u>
1.	End Office (Local) Switching	\$0.0083390	\$0.0083390
2.	Transport Charge	\$0.0075000	\$0.0075000
3.	Carrier Common Line	\$0.0098000	\$0.0178000

no charge

D. Chargeable Optional Features

1. 800 Data Base Access Service Basic Query

Per Query \$0.011

E. Non-chargeable Optional Features

Supervisory Signaling

Issued: January 10 10, 2005

Effective: February 26, 2005

Alaine Miller, VP - Regulatory & External Affairs 1633 Westlake Avenue, No., Suite 200 Seattle, WA 98109

MOa0501

ACCESS SERVICES TARIFF SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u>, (cont'd)

6.3.3 <u>Rates and Charges</u>, (cont'd)

F. <u>Feature Group D Optional Features</u>

1. Common Switching Optional Features

	Nonrecurring	Monthly
Alternate Traffic Routing	none	none
Automatic Number Identification	none	\$.0003
Cut-Through	none	none
Service Class Routing	none	none
Feature Group D with 950 Access	none	none
Signaling System Seven (SS7)	none	none
Basic Initial Address Message Delivery	none	\$.0006
Called Directory Number Delivery	none	\$.0003
Flexible Automatic Number, per CIC, per	\$500.00	none
end office		
Identification Delivery		

G. <u>VoIP-PSTN Traffic</u>

1. Direct Connect Charges

Per Access Minute of Non-8YY	Per Access Minute of 8YY	Per Access Minute	
<u>Originating Use</u>	Originating Use	Terminating Use	(R)
\$0.003463	See Note 1*	See Note 1*	

2. Tandem Connect Charges

(a) <u>Tandem Connect Without Tandem Switching</u>

Per Access Minute of Non-8YY	Per Access Minute of 8YY	Per Access Minute	
Originating Use	Originating Use	Terminating Use	(R)
\$0.003463	See Note 1*	See Note 1*	

(b) Tandem Connect With Tandem Switching

Per Access Minute of Non-8YY	Per Access Minute of 8YY	Per Access Minute
<u>Originating Use</u>	Originating Use	Terminating Use
\$0.003821	See Note 1*	See Note 1*

*Note 1 – 8YY Originating and Terminating switched access rates are billed at Company's tariffed interstate rates found in XO Communications, LLC FCC Tariff No. 1 which may be viewed at www.verizon.com/tariffs.

Issued: August 6, 2021

Kelly Faul – Senior Manager 22000 AOL Way Dulles, VA 20166 Effective: September 7, 2021

FILED Missouri Public Service Commission JL-2022-0033 (R)

CANCELLED July 1, 2022 Missouri Public Service Commission JL-2022-0263

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u>, (cont'd)

6.3.3 <u>Rates and Charges</u>, (cont'd)

F. <u>Feature Group D Optional Features</u>

1. Common Switching Optional Features

	Nonrecurring	<u>Monthly</u>
Alternate Traffic Routing	none	none
Automatic Number Identification	none	\$.0003
Cut-Through	none	none
Service Class Routing	none	none
Feature Group D with 950 Access	none	none
Signaling System Seven (SS7)	none	none
Basic Initial Address Message Delivery	none	\$.0006
Called Directory Number Delivery	none	\$.0003
Flexible Automatic Number, per CIC, per	\$500.00	none
end office		
Identification Delivery		

G. <u>VoIP-PSTN Traffic</u>

1. Direct Connect Charges

Per Access Minute	Per Access Minute	Per Access Minute
of Non-8YY	of 8YY	
Originating Use	Originating Use	Terminating Use
\$0.017919	See Note 1*	See Note 1*

2. Tandem Connect Charges

(a) <u>Tandem Connect Without Tandem Switching</u>

Per Access Minute of Non-8YY	Per Access Minute of 8YY	Per Access Minute
Originating Use	Originating Use	Terminating Use
\$0.025400	See Note 1*	See Note 1*

(b) Tandem Connect With Tandem Switching

Per Access Minute of Non-8YY	Per Access Minute of 8YY	Per Access Minute
<u>Originating Use</u>	Originating Use	Terminating Use
\$0.026609	See Note 1*	See Note 1*

*Note 1 – 8YY Originating and Terminating switched access rates are billed at Company's tariffed interstate rates found in XO Communications, LLC FCC Tariff No. 1 which may be viewed at www.verizon.com/tariffs. Issued: May 27, 2021 Effective: July 1, 2021

> Kelly Faul – Senior Manager (T) 22000 AOL Way (T) Dulles, VA 20166 (T)

CANCELLED September 7, 2021 Missouri Public Service Commission JL-2022-0033

FILED Missouri Public Service Commission JL-2021-0205 (C)

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SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 Switched Access Services, (cont'd)

Rates and Charges, (cont'd) 6.3.3

Feature Group D Optional Features F.

1. **Common Switching Optional Features**

	Nonrecurring	Monthly
Alternate Traffic Routing	none	none
Automatic Number Identification	none	\$.0003
Cut-Through	none	none
Service Class Routing	none	none
Feature Group D with 950 Access	none	none
Signaling System Seven (SS7)	none	none
Basic Initial Address Message Delivery	none	\$.0006
Called Directory Number Delivery	none	\$.0003
Flexible Automatic Number, per CIC, per	\$500.00	none
end office		
Identification Delivery		

G. VoIP-PSTN Traffic

Originating	Terminating	
\$0.009697	n/a	(T)
\$0.008222	See Note 1*	
n/a	See Note 1*	
\$0.0012090	See Note 1*	
\$0.0074810	See Note 1*	
n/a	See Note 1*	(T)
	\$0.008222 n/a \$0.0012090 \$0.0074810	\$0.009697 n/a \$0.008222 See Note 1* n/a See Note 1* \$0.0012090 See Note 1* \$0.0074810 See Note 1*

*Note 1 - Terminating switched access rates are billed at Company's tariffed interstate rates found in XO (N) Communications, LLC FCC Tariff No. 1 which may be viewed at www.xo.com/legal-and-privacy/public-policy/xo-state-tariffs/. (N)

Issued: June 20, 2014

CANCELLED July 1, 2021 Missouri Public Service Commission JL-2021-0205

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

Effective: July 1, 2014

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u>, (cont'd)

6.3.3 <u>Rates and Charges</u>, (cont'd)

F. <u>Feature Group D Optional Features</u>

1. Common Switching Optional Features

	Nonrecurring	Monthly
Alternate Traffic Routing	none	none
Automatic Number Identification	none	\$.0003
Cut-Through	none	none
Service Class Routing	none	none
Feature Group D with 950 Access	none	none
Signaling System Seven (SS7)	none	none
Basic Initial Address Message Delivery	none	\$.0006
Called Directory Number Delivery	none	\$.0003
Flexible Automatic Number, per CIC,	\$500.00	none
per end office		
Identification Delivery		

G. VoIP-PSTN Traffic

	Originating	Terminating	(T)
Carrier Common Line	\$0.009697	n/a	(C)
End Office Switching	\$0.008222	\$0.002563	(C)
End Office Trunk Port	n/a	\$0.000900	(C)(R)
Tandem Switching	\$0.0012090	\$0.000288	(C)
Transport Charge	\$0.0074810	\$0.000053	(C)
Tandem Facility (Per Min/Per Mile)	n/a	\$0.000003	(C)(R)

Issued: May 28, 2013

CANCELLED July 1, 2014 Missouri Public Service Commission JL-2014-0550 Kelly Faul – Regulatory Affairs Director 13865 Sunrise Valley Dr. Herndon, VA 20171 Effective: July 1, 2013

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 Switched Access Services, (cont'd)

Rates and Charges, (cont'd) 6.3.3

F. Feature Group D Optional Features

1. **Common Switching Optional Features**

Alternate Traffic Routing Automatic Number Identificat Cut-Through Service Class Routing Feature Group D with 950 Act Signaling System Seven (SS7) Basic Initial Address Message Called Directory Number Deli Flexible Automatic Number, p per end office Identification Delivery	cess) Delivery ivery	Nonrecurring none none none none none none none \$500.00	Monthly none \$.0003 none none none \$.0006 \$.0003 none
VoIP-PSTN Traffic	<u>Originati</u>	ng	<u>Terminating</u>
Carrier Common Line End Office Switching End Office Trunk Port Tandem Switching Tandem Transport Tandem Facility (Per Min/Per Mile)	\$0.00000 \$0.00256 \$0.00090 \$0.00028 \$0.00005 \$0.00000	30 00 80 30	\$0.0000000 \$0.0025630 \$0.0009000 \$0.0002880 \$0.0000530 \$0.0000030

Some material on this page was moved to Page 81.

Issued: September 13, 2012

July 1, 2013

G.

Kelly Faul – Regulatory Affairs Director 13865 Sunrise Valley Dr. CANCELLED Missouri Public Herndon, VA 20171 Service Commission JL-2013-0555

Effective: October 15, 2012

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FILED Missouri Public Service Commission JL-2013-0122

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ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u>, (cont'd)

- 6.3.3 <u>Rates and Charges</u>, (cont'd)
 - F. Feature Group D Optional Features
 - 1. Common Switching Optional Features

	<u>Nonrecurring</u>	<u>Monthly</u>
Alternate Traffic Ronting	none	none
Automatic Number Identification	none	\$.0003
Cut-Through	none	none
Service Class Routing	none	none
Feature Group D with 950 Access	none	none
Signaling System Seven (SS7)	none	none
Basic Initial Address Message Delivery	none	\$.0006
Called Directory Number Delivery	none	\$.0003
Flexible Automatic Number, per CIC, per end office	\$500.00	none
Identification Delivery		

<u>VoIP-PSTN Traffic</u>	Originating	<u>Terminating</u>	(N)
Carrier Common Line	\$0.0000000	\$0.0000000	
End Office Switching	\$0.0025630	\$0.0025630	1
End Office Trunk Port	\$0.0009000	\$0.0009000	
Tandem Switching	\$0.0002880	\$0.0002880	
Tandem Transport	\$0.0000530	\$0.0000530	
Tandem Facility (Per Min/Per Mile)	\$0.0000030	\$0.0000030	(N)

6.3.4 Special Construction

G.

A. Basis for Rates and Charges

Rates and charges for Switched Access Special Construction are the same a rates and charges for Special Access Service and are specified in Section 6.1.1 and 6.1.2 preceding.

Missouri Tariff No. 9 Original Page 80

ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 Switched Access Services, (cont'd)

6.3.3 <u>Rates and Charges</u>, (cont'd)

F. Feature Group D Optional Features

1. Common Switching Optional Features

	Nonrecurring	<u>Monthly</u>
Alternate Traffic Routing	none	none
Automatic Number Identification	none	\$.0003
Cut-Through	none	none
Service Class Routing	none	none
Feature Group D with 950 Access	none	none
Signaling System Seven (SS7)	none	none
Basic Initial Address Message Delivery	none	\$.0006
Called Directory Number Delivery	none	\$.0003
Flexible Automatic Number, per CIC,	\$500.00	none
per end office		
Identification Delivery		

6.3.4 Special Construction

A. Basis for Rates and Charges

Rates and charges for Switched Access Special Construction are the same a rates and charges for Special Access Service and are specified in Section 6.1.1 and 6.1.2 preceding.

Issued: January 10 10, 2005

CANCELLED February 9, 2012 Missouri Public Service Commission JL-2012-0328

Alaine Miller, VP - Regulatory & External Affairs 1633 Westlake Avenue, No., Suite 200 Seattle, WA 98109 Effective: February 26, 2005

MOa0501

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u>, (cont'd)

6.3.3 Rates and Charges, (cont'd)

(b)

H. Switched Access IP Direct Connect

1. Direct Connect Charges

Per Access Minute of Non-8YY	Per Access Minute of 8YY	Per Access Minute	
<u>Originating Use</u>	Originating Use	Terminating Use	
\$0.003463	See Note 1*	See Note 1*	

2. Tandem Connect Charges

(a) Tandem Connect Without Tandem Switching

Per Access Minute of Non-8YY	Per Access Minute	Per Access Minute	
Originating Use	Originating Use	Terminating Use	
\$0.003463	See Note 1*	See Note 1*	(R)

Per Access Minute	
of Non-8YY	
Originating Use	
\$0.003821	

Per Access Minute of 8YY Originating Use See Note 1*

Per Access Minute

Terminating Use See Note 1* (R)

(R)

*Note 1 - 8YY Originating and Terminating switched access rates are billed at Company's tariffed interstate rates found in XO Communications, LLC FCC Tariff No. 1 which may be viewed at www.verizon.com/tariffs.

Issued: August 6, 2021

CANCELLED

Missouri Public

JL-2022-0263

Service Commission

July 1, 2022

Effective: September 7, 2021

Kelly Faul – Senior Manager 22000 AOL Way Dulles, VA 20166

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u>, (cont'd)

6.3.3 <u>Rates and Charges</u>, (cont'd)

H. <u>Switched Access IP Direct Connect</u>

1. Direct Connect Charges

Per Access Minute
of Non-8YYPer Access Minute
of 8YYPer Access Minute
of 8YYOriginating Use
\$0.017919Originating Use
See Note 1*Terminating Use
See Note 1*

2. Tandem Connect Charges

(a) Tandem Connect Without Tandem Switching

Per Access MinutePer Access Minuteof Non-8YYof 8YYOriginating UseOriginating Use\$0.025400See Note 1*

(b) <u>Tandem Connect With Tandem Switching</u>

Per Access MinutePer Access MinutePer Access Minuteof Non-8YYof 8YYof 8YYOriginating Use
\$0.026609Originating Use
See Note 1*Terminating Use
See Note 1*

*Note 1 – 8YY Originating and Terminating switched access rates are billed at Company's tariffed interstate rates found in XO Communications, LLC FCC Tariff No. 1 which may be viewed at www.verizon.com/tariffs.

Effective: July 1, 2021

Per Access Minute

Terminating Use See Note 1*

Kelly Faul – Senior Manager (T) 22000 AOL Way (T) Dulles, VA 20166 (T)

FILED Missouri Public Service Commission JL-2021-0205

CANCELLED September 7, 2021 Missouri Public Service Commission JL-2022-0033

Issued: May 27, 2021

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SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u>, (cont'd)

6.3.3 <u>Rates and Charges</u>, (cont'd)

H. <u>Switched Access IP Direct Connect</u>

	<u>Terminating</u>	
End Office (Local) Switching	See Note 1*	(T)
IP Transport Charge	See Note 1*	(T)
Carrier Common Line	n/a	
End Office Trunk Port	See Note 1*	(T)
Tandem Facility (Per Min/Per Mile)	See Note 1*	(T)

*Note 1 – Terminating switched access rates are billed at Company's tariffed interstate rates found in XO Communications, LLC FCC Tariff No. 1 which may be viewed at www.xo.com/legal-and-privacy/public-policy/xostate-tariffs/. (N)

Issued: June 20, 2014

CANCELLED July 1, 2021 Missouri Public Service Commission JL-2021-0205 Kelly Faul – Regulatory Affairs Director 13865 Sunrise Valley Dr. Herndon, VA 20171 Effective: July 1, 2014

2nd Revised Page 80.1 Cancels 1st Revised Page 80.1

ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u>, (cont'd)

6.3.3 <u>Rates and Charges</u>, (cont'd)

H. Switched Access IP Direct Connect

	<u>Terminating</u>	
End Office (Local) Switching	\$0.00256300	(R)
IP Transport Charge	\$0.00005300	
Carrier Common Line	n/a	(Ř)
End Office Trunk Port	\$0.00090000	(N)
Tandem Facility (Per Min/Per Mile)	\$0.00000300	(N)

Issued: May 28, 2013

CANCELLED July 1, 2014 Missouri Public Service Commission JL-2014-0550 Kelly Faul – Regulatory Affairs Director 13865 Sunrise Valley Dr. Herndon, VA 20171 Effective: July 1, 2013

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u>, (cont'd)

6.3.3 <u>Rates and Charges</u>, (cont'd)

H. <u>Switched Access IP Direct Connect</u>

	Terminating	
End Office (Local) Switching	\$0.0058425	(R)
IP Transport Transport Charge	\$0.0037820	
Carrier Common Line	\$0.0087915	(R)

Issued: March 13, 2013

CANCELLED July 1, 2013 Missouri Public Service Commission JL-2013-0555 Kelly Faul – Regulatory Affairs Director 13865 Sunrise Valley Dr. Herndon, VA 20171 Effective: April 12, 2013

(T)

ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 <u>Switched Access Services</u>, (cont'd)

6.3.3 <u>Rates and Charges</u>, (cont'd)

H. Switched Access IP Direct Connect

	Terminating
End Office (Local) Switching	\$0.008222
IP Transport Transport Charge	\$0.006660
Carrier Common Line	\$0.000292

Issued: September 13, 2012

CANCELLED April 12, 2013 Missouri Public Service Commission JL-2013-0390 Kelly Faul – Regulatory Affairs Director 13865 Sunrise Valley Dr. Herndon, VA 20171 Effective: October 15, 2012

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ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3.4 Special Construction

A. <u>Basis for Rates and Charges</u>

Rates and charges for Switched Access Special Construction are the same a rates and charges for Special Access Service and are specified in Section 6.1.1 and 6.1.2 preceding.

6.4 <u>Service Calls</u>

When a customer reports trouble to the Company for clearance and no trouble is found in the Company's facilities, the Customer may be responsible for payment of a charge calculated from the time Company's personnel are dispatched to the Customer Premises until the work is completed.

6.5 Individual Case Basis Arrangements

Private line services will be made available to Customer in a non-discriminatory manner. Rates for interexchange and local exchange dedicated access, private line, non-switched services will be determined on an Individual Case Basis (ICB). ICB rates will be structures to recover the Company's cost of providing the service and will be made available to the Commission Staff upon request on a proprietary basis. ICB rates will not be used for switched Services.

Some material on this page was moved from Page 80.

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Missouri Tariff No. 9 Original Page 81

ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.4 Service Calls

When a customer reports trouble to the Company for clearance and no trouble is found in the Company's facilities, the Customer may be responsible for payment of a charge calculated from the time Company's personnel are dispatched to the Customer Premises until the work is completed.

6.5 Individual Case Basis Arrangements

Private line services will be made available to Customer in a non-discriminatory manner. Rates for interexchange and local exchange dedicated access, private line, non-switched services will be determined on an Individual Case Basis (ICB). ICB rates will be structures to recover the Company's cost of providing the service and will be made available to the Commission Staff upon request on a proprietary basis. ICB rates will not be used for switched Services.

Issued: January 10 10, 2005

CANCELLED October 15, 2012 Missouri Public Service Commission JL-2013-0122 Alaine Miller, VP - Regulatory & External Affairs 1633 Westlake Avenue, No., Suite 200 Seattle, WA 98109

Missouri Tariff No. 9 Original Page 82

ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.6 Billing Name and Address Service

Company will upon request, provide Billing Name and Address ("BNA") Service to Customers, or authorized billing agents and collection agents acting on behalf of the Customer. Customers include interexchange carriers, operator service providers, enhanced service providers and any other provider of intrastate telecommunications services. BNA provides the billing name and address when calling party uses a Company calling card, dials 1010-XXXX or authorizes collect and/or third party calls to pay for telecommunication services. BNA Service enables telecommunications service providers and authorized billing and collection agents to seek payment of their service directly from the calling party.

In no case shall Customer or authorized agents of the Customer disclose the billing name and address information of any subscriber to any third party, except that a Customer may disclose BNA. This service is offered to Customers or its authorized agents for the following limited purposes and may not be resold or used for any other purpose:

- Billing customers for using telecommunications service of that service provider and collecting amounts due.
- Verification of service orders of new customers, identification of customers who have moved to a new address, fraud prevention, and similar non-marketing purposes.

6.6.1 Obligations of the Customer

The Company will accept BNA Service orders via email or fax only. With each order for BNA Service, the Customer must provide the name of the authorized individual(s) as well as the email address or fax number to which the BNA information should be sent.

6.6.2 Rates and Charges

Billing Name and Address Billing Name and Address Found Billing Name and Address Not Found \$30.00 per batch request \$0.30 each \$0.30 each

Issued: January 10 10, 2005

CANCELLED November 24, 2011 Missouri Public Service Commission JL-2012-0176

Alaine Miller, VP - Regulatory & External Affairs 1633 Westlake Avenue, No., Suite 200 Seattle, WA 98109 Effective: February 26, 2005

Missouri Tariff No. 9 1st Revised Page 83 Cancels Original Page 83

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ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.7 Access Service Order Charge

Company will assess an Access Service Order Charge of \$100.00 each time a Customer requests a Carrier Identification Code to be added to a Company switch. The Customer would initiate this request with a submission of an Access Service Order to the Company.

6.8 Historic Invoices

The Company will furnish, upon Customer's request, copies of invoices which were originally issued to the Customer more than thirteen months prior to the request or copies of invoices that are available on-line, but that customer does not wish to retrieve from the available on-line system. Customers can request the invoice in one of two formats: electronic copy (portable data file/.pdf) or CSV/CD of Call Detail Record. Customer will be charged based on the format requested and on a per invoice basis.

Format	Rate Per Invoice
Electronic	\$10.00
CSV/CD of CDR	\$25.00

Issued: June 30, 2006

CANCELLED January 1, 2008 Missouri Public Service Commission Kelly Faul – Regulatory Affairs Director 11111 Sunset Hills Rd. Reston, VA 20190 Effective: August 1, 2006



Missouri Tariff No. 9 Original Page 83

ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

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6.7 Access Service Order Charge

Company will assess an Access Service Order Charge of \$100.00 each time a Customer requests a Carrier Identification Code to be added to a Company switch. The Customer would initiate this request with a submission of an Access Service Order to the Company.

Issued: January 10 10, 2005

Cancelled

August 1, 2006 Missouri Public Service Commission Alaine Miller, VP - Regulatory & External Affairs 1633 Westlake Avenue, No., Suite 200 Seattle, WA 98109 Effective: February 26, 2005



SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.10 Intra-Building Moves

Customers will be assessed a non-recurring charge for requesting an existing circuit to be moved to a new end point termination within the same building as the current termination. Moves of three or fewer floors will be charges as shown below. The customer will retain all services, terms, and pricing for the moved circuit once the move has been completed. The non-recurring charges below apply to DS1 and DS3 services that do not include additional infrastructure, cabling, electronics, or other materials.

Requests for moves of more than three floors will be charged an ICB rate.

	Non-Recurring Charges		
Circuit	Initial Circuit	Each Additional Circuit	
DS1	\$550.00	\$275.00	
DS3	\$550.00	\$275.00	

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Missouri Tariff No. 9 Original Page 84

F. .

ACCESS SERVICES TARIFF

SECTION 7 - COLLATED INTERCONNECTION

(Reserved for future use)

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Cancelled

August 1, 2006 Missouri Public Service Commission Alaine Miller, VP - Regulatory & External Affairs 1633 Westlake Avenue, No., Suite 200 Seattle, WA 98109 Effective: February 26, 2005

