



June 23, 2021

Missouri Public Service Commission
Governor Office Building
200 Madison
P.O. Box 360
Jefferson City, MO 65102-0360

Dear Secretary:

Tracking No.: JI-2021-0200

Attached for electronic filing are revisions to the Spectra Communications Group, LLC d/b/a CenturyLink, Access Service Tariff, P.S.C. MO.-No. 2. These revisions are filed, in accordance with Missouri Public Service Commission Rules and Regulations and electronically submitted with a May 14, 2021 issue date and a proposed effective date of July 1, 2021.

This filing proposes the first step in implementing the 8YY Access Service reductions mandated in the Federal Communications Commission's October 9, 2020 Report and Order in WC Docket No. 18-156, (FCC 20-143), (8YY Access Charge Reform). The following page was submitted with the wrong revision level:

10th Revised Page 152.2

Should you have questions or need additional information regarding this filing, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Christina L. Chushuk".

Christina Chushuk
Manager – Government Operations

Attachments

Pc: Office of Public Counsel (e-mail)

CHRISTINA L. CHUSHUK
Tariff Manager
Chris.Chushuk@lumen.com
6810 W. 193rd St.
Stilwell, KS, 66085
voice: (913) 884-1111

MO2021-06

May14, 2021

Missouri Public Service Commission
Governor Office Building
200 Madison
P.O. Box 360
Jefferson City, MO 65102-0360

Dear Secretary:

Attached for electronic filing are revisions to the Spectra Communications Group, LLC d/b/a CenturyLink, Access Service Tariff, P.S.C. MO.-No. 2. These revisions are filed, in accordance with Missouri Public Service Commission Rules and Regulations and electronically submitted with a May 14, 2021 issue date and a proposed effective date of July 1, 2021.

This filing proposes the first step in implementing the 8YY Access Service reductions mandated in the Federal Communications Commission's October 9, 2020 Report and Order in WC Docket No. 18-156, (FCC 20-143), (8YY Access Charge Reform). Beginning July 1, 2021 each Price Cap Carrier shall:

1. Establish separate rate elements for interstate and intrastate toll free originating end office access service and non-toll free originating end office access service.
2. Reduce its intrastate toll free originating end office access service rates to its interstate toll free originating end office service rates.
3. Establish separate rate elements for interstate and intrastate non-toll free originating transport services for service between an end office switch and the tandem switch and remove its rate for intrastate and interstate originating toll free transport services consistent with a bill-and-keep methodology.
4. Establish separate rate elements respectively for interstate and intrastate non-toll free originating tandem switching services.
5. Establish transitional interstate and intrastate Joint Tandem Switched Transport Access Service rate elements for Toll Free Calls that are respectively no more than \$0.01 per minute.
6. Reduce its interstate and intrastate rates for Toll Free Database Query Charges to no more than \$0.004248 per query.

The list of tariff sheets reflecting the proposed revisions are provided in Attachment A following. Also provided as Attachment B are the proposed 8YY Access Charge Reform tariff pages for CenturyLink Operating Companies F.C.C. Tariff No. 1 for your reference.

Should you have questions or need additional information regarding this filing, please contact me.

Sincerely,



Christina Chushuk
Manager – Government Operations

Attachments

Pc: Office of Public Counsel (e-mail)

CHRISTINA L. CHUSHUK
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6810 W. 193rd St.
Stilwell, KS, 66085
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Attachment A

The following tariff sheets are being revised:

1st Revised Sheet 35
1st Revised Sheet 39.1
2nd Revised Sheet 104.21.2
12th Revised Sheet 151
2nd Revised Page 151.1
14th Revised Sheet 152
9th Revised Sheet 152.2
8th Revised Page 153
12th Revised Sheet 313
4th Revised Sheet 336
4th Revised Sheet 337
6th Revised Sheet 338

FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Non-Overlap Outpulsing

The term "Non-Overlap Outpulsing" is the feature of the exchange access signaling system which provides initiation of pulsing to the customer's premises after the calling subscriber has completed dialing an originating call.

Nonrecoverable Cost

The term "Nonrecoverable Cost" denotes the cost of specially constructed facilities for which the Telephone Company has no foreseeable use should the customer terminate service.

Nonsynchronous Test Line

The term "Nonsynchronous Test Line" denotes an arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but which can be made more rapidly.

Non-Toll Free

All calls that are not toll free (8YY) as established by the FCC's 8YY Access Charge Reform Order (FCC 20-143) released on October 9, 2020.

North American Numbering Plan

The term "North American Numbering Plan" denotes a three-digit area or Numbering Plan Area (NPA) code and a seven-digit telephone number made up of a three-digit Central Office code (NXX) plus a four-digit station number (XXXX).

NSEP Treatment

The term "NSEP Treatment" denotes the provisioning of a telecommunications service before others based on the provisioning priority level assigned by the Executive Office of the President.

Off-Hook

The term "Off-Hook" denotes the active condition of Switched Access or a Telephone Company local service line.

On-Hook

The term "On-Hook" denotes the idle condition of Switched Access or a Telephone Company local service line.

Open Circuit Test Line

The term "Open Circuit Test Line" denotes an arrangement in an end office which provides an ac open circuit termination of the trunk or line by means of an inductor of several Henries.

Operator Services Provider

The term "Operator Services Provider" denotes the provider of operator services to which an end user placing an operator assisted call is connected.

Operator Services Switching Location (OSSL)

A Telephone Company office where Telephone Company equipment processes Operator Services calls to or from a customer designated location in the same LATA.

Operator Services System

The switching equipment, facilities, operator positions and software components utilized for the provision of operator services.

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Chantel Bosworth
Director Government Operations
Monroe, Louisiana

MO2021-06

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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.6 Definitions (Cont'd)

Toll Free Code (TFC)

The term "Toll Free Code" denotes a three-digit Numbering Plan Area (NPA) or Area Code that is specifically assigned by the telecommunications industry for use by Telecommunications Service Providers in the provision of telephone numbers that, unlike traditional telephone numbers and calls, when dialed are toll free to the originating caller. The specific codes assigned and used, or reserved for use, for this purpose are 800, 822, 833, 844, 855, 866, 877, and 888.

(N)
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(N)

Toll VoIP-PSTN Traffic

The term "Toll VoIP-PSTN Traffic" denotes a customer's interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing format over PSTN facilities, which 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 customer of a service that requires IP-compatible customer premises equipment.

Trunk

The term "Trunk" denotes a communications path connecting two switching systems in a network, used in an end-to-end connection.

Trunk Group

The term "Trunk Group" denotes a grouping of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(D) Tandem-Switched Transport

The Tandem-Switched Transport Rate is assessed upon customers for the use of transport from a serving wire center to an end office that is switched at a Telephone Company access tandem. The Tandem-Switched Transport rate shall also be assessed for transport between a Telephone Company access tandem and end office, between a host end office and a remote end office and between a FGA dial tone office and other end offices in the local calling area. Tandem-Switched Transport consists of circuits used in common by multiple customers from the Telephone Company access tandem to an end office. For examples of Tandem Switched Transport, see Section 2.7(A)(2) preceding.

Effective July 1, 2021, as established in the 8YY Access Charge Reform (FCC 20-143), existing tandem switching charges and transport charges for originating 8YY traffic are eliminated and a single joint tandem switched access service rate element for 8YY originating access service is established. The 8YY originating Joint Tandem Switched Transport rate is provided at the rates set forth in Section 4.6.2 (F).

(N)
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(N)

The Tandem-Switched Transport Rate includes four sub-elements, a Tandem-Switched Transport - Facility, a Tandem-Switched Transport - Termination, Tandem Switching Rate and Shared Multiplexing.

The Tandem-Switched Transport - Facility is usage rated and distance-sensitive, i.e., a per access minute per airline mile rate. The rate recovers costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Tandem-Switched Transport - Termination is a usage rated, per minute rate to recover costs incurred at the ends of the transmissions links. The Tandem Switching Rate is a usage rated, per minute rate to recover a portion of the tandem switching costs. The Tandem Switching Rate is not applicable for transport between a host end office and a remote end office or to FGA Transport. For Tandem Switched Transport, a Shared Multiplexing Rate will be assessed to all minutes of use from the Telephone Company Access Tandem to an end office. The Shared Multiplexing rate recovers multiplexing costs on the end office side of the tandem.

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Chantel Bosworth
Director Government Operations
Monroe, Louisiana

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport

	<u>Originating</u> Non-Toll Free*	<u>Rate</u> Terminating 3 rd Party	<u>Terminating</u> End Office	
(A) <u>Tandem-Switched Transport – Facility</u> Per Access Minute, Per Airline Mile	\$0.000064	\$0.000064	\$0.000000	
(B) <u>Tandem-Switched Transport – Termination</u> Per Access Minute, Per Termination	\$0.000128	\$0.000128	\$0.000000	
(C) <u>Tandem Switching</u> Per Access Minute	\$0.000611	\$0.000611	\$0.000000	
(D) <u>Shared Multiplexing</u> Per Access Minute	\$0.000108	\$0.000108	\$0.000000	
(E) <u>Interconnection Rate</u> Per Access Minute Telephone Company Provided Transport	\$0.0018883	\$0.000000	\$0.000000	(T)(M) (M)
(F) <u>8YY Joint Tandem Switched Transport</u> Per Access Minute	\$0.001			(N) (N)
(G) <u>Tandem Dedicated Trunk Ports</u>		<u>Monthly Rate</u>		(T)
Voice Grade		\$16.77		
DS1		7.89		(M1) (M1)

* Effective July 1, 2021, pursuant to FCC 20-143, separate rate elements for Toll Free and Non-Toll Free Originating Transport services were established. The Toll Free rate element for Originating Transport service is displayed as 8YY Joint Tandem Switched Transport.

(N)
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(N)

(M) – Data moved from Sheet 152.
(M1) – Material moved to Sheet 151.1.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.2 Switched Transport (Cont'd)

	<u>Monthly Rate</u>	<u>Service Installation Charge</u>	
(H) <u>Direct-Trunked Transport</u>			(M) (T)
<u>Voice Grade</u>			
Facility – Per Mile	\$1.25		
Termination – Per Termination	7.99		
<u>DS1</u>			
Facility – Per Mile	\$7.15		
Termination – Per Termination	4.66		
<u>DS3</u>			
Facility – Per Airline Mile	\$49.15		
Termination – Per Termination	185.80		
(I) <u>Network Blocking Charge *</u>	<u>Per Blocked Call</u>		(T)
FGD Only	\$0.009		(M)
(J) <u>Entrance Facility-Voice Grade</u>			(T)
Per Entrance Facility			
2-Wire Voice Grade	\$18.30	\$174.80	
4-Wire Voice Grade	\$27.70	\$174.80	
(K) <u>Entrance Facility-DS1</u>			(T)
Per Entrance Facility	\$68.05	\$237.15	
(L) <u>Entrance Facility-DS3</u>			(T)
Per Entrance Facility	\$782.60	\$518.25	
(M) <u>Multiplexing</u>			(T)
DS1 to Voice	\$72.00	N/A	
DS3 to DS1	\$168.05	N/A	

* This flat rated charge was calculated based upon a 50/50 split between originating and terminating. The FCC in their FCC 11-161 ICC Transformation Order in Section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes.

(M) Material moved from Sheet 151.

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.3 End Office Services

(A) TFC Data Base Query Charges

Basic – Per Query	\$0.004248 (R)
Premium - Per Query	0.000000 (R)

(B) End Office Switching

LS2 (FGC and FGD)		(D)
Originating Toll Free	0.0033930 (R)	(C)
Originating Non-Toll Free	0.028002660	(C)
Terminating	0.000000000	

(C) Alternate Traffic Routing – BSE

<u>Nonrecurring Charge Per Trunk</u>	
<u>Group Equipped</u>	\$ 0.00

(D) Reserved

(T)(M)
|
(M)

(M) Material moved to Sheet 151.

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.3 End Office Services (Cont'd)

(J) Remote Call Forwarding - BSE

<u>Premium Monthly Rate</u>	
<u>Per Line</u>	\$16.28

(K) Direct Inward Dialing (DID) - BSE

<u>Per DID Term</u>	<u>Monthly Rate</u>
	\$35.64
<u>Per Block of 20 Numbers</u>	18.33

(L) Billed Number Screening (BNS) - BSE

<u>Per Lines Screened</u>	\$4.16
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	<u>Originating</u>	<u>Rate Per Access Minute</u>	
	<u>Toll-Free</u>	<u>Originating</u>	<u>Terminating</u>
		<u>Non-Toll Free</u>	
(M) <u>Shared Trunk Port</u>			
<u>Per Access Minute</u>	\$0.001718	\$0.001718	\$0.000000

(C)

(N) Dedicated Trunk Port (Note 1)

		<u>Monthly Rate</u>
		<u>Per Channel</u>
Voice Grade		\$ 5.12
DS1		\$ 0.89

Note 1: The End Office Dedicated Trunk Port rate was calculated based upon a 50/50 split between originating and terminating traffic using this flat-rated port. The FCC in their FCC 11-161 ICC Transformation order in section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes. The Originating portion of the Voce Grade charge is \$5.12 and the Originating portion of the DS1 charge is \$0.89.

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Director Government Operations
Monroe, Louisiana

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges (Cont'd)

4.6.4 Information Surcharge

	<u>Originating Toll-Free</u>	<u>Originating Non-Toll Free</u>	<u>Terminating</u>	(C)
Per Access Minute	\$0.000000 (R)	\$0.00008429	\$0.000000	(C)

4.6.5 FGA or BSA-A Usage Sensitive Credit Allowance

<u>Credit Per Originating FGA or BSA-A Access Minute #</u>	\$.00049351
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4.6.6 (Reserved For Future Use)

4.6.7 Assumed Minutes of Use Monthly Surrogate

<u>Per Two Way Line/Trunk Originating Only</u>		<u>Per One Way Line/Trunk Terminating Only</u>			
<u>FGA or BSA-A</u>	<u>FGB or BSA-B</u>	<u>FGA or BSA-A</u>	<u>FGB or BSA-B</u>	<u>FGA or BSA-A</u>	<u>FGB or BSA-B</u>
2,451	(1)	(1)	(1)	(1)	(1)

4.6.8 Carrier Identification Parameter (CIP)

Non-Recurring Charge Per CIC

<u>Per End Office Direct Trunk Group</u>	<u>Per Access Tandem Direct Trunk Group</u>	<u>Monthly Recurring Charges Per Trunk</u>
\$80.00	\$1,120.00	\$0.45657581

- # The credit is applied to the End Office Switching rate element.
- (1) These jurisdictions either have all existing services measured or have no customers at this time. In the event an ASR is received for a new customer and there is no measurement capability for the office requested, a traffic study will be made to establish a surrogate and such surrogate will be tariffed.

FACILITIES FOR INTRASTATE ACCESS

12. CARRIER COMMON LINE SERVICE (Cont'd)

12.5 Rates and Charges

Rates for Carrier Common Line Service are as follows:

	<u>Originating Toll-Free</u>	<u>Originating Non-Toll Free</u>	<u>Terminating</u>	(C) (C)
Per Access Minute	\$0.000000 (R)	\$0.02059679	\$0.000000	

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Chantel Bosworth
Director Government Operations
Monroe, Louisiana

EFFECTIVE: July 1, 2021

FACILITIES FOR INTRASTATE ACCESS

17. VoIP-PSTN Rates and Charges (Cont'd)

17.1 Switched Access Service (Cont'd)

17.1.2 Local Transport

		<u>Monthly Rate</u>	
(A)	<u>Entrance Facility</u>		
	Per Termination		
	- Voice Grade Two Wire	\$18.30	
	- Voice Grade Four Wire	\$27.70	
	- High Capacity DS1	\$68.05	
	- High Capacity DS3	\$782.60	
(B)	<u>Direct Trunked Transport</u>		
	<u>Direct Trunked Facility</u>		
	Per Mile		
	- Voice Grade	\$ 1.25	
	- High Capacity DS1	\$7.15	
	- High Capacity DS3	\$49.15	
	<u>Direct Trunked Termination</u>		
	Per Termination		
	- Voice Grade	\$7.99	
	- High Capacity DS1	\$4.66	
	- High Capacity DS3	\$185.80	
(C)	<u>Multiplexing</u>		
	Per Arrangement		
	- DS3 to DS1	\$168.05	
	- DS1 to Voice	\$72.00	
(D)	<u>Tandem Switched Transport</u>		
		<u>Rate</u>	
	- <u>Tandem Switched Facility</u>		
	Per Access Minute Per Mile		
	Originating Non-Toll Free	\$0.000064	(T)
	Terminating 3 rd Party	\$0.000064	
	Terminating End Office	\$0.000000	
	- <u>Tandem Switched Termination</u>		
	Per Access Minute		
	Per Termination		
	Originating Non-Toll Free	\$0.000128	(T)
	Terminating 3 rd Party	\$0.000128	
	Terminating End Office	\$0.000000	

* **Effective July 1, 2021, pursuant to FCC 20-143, separate rate elements for Toll Free and Non-Toll Free Originating Transport services were established. The Toll Free rate element for Originating Transport service is displayed as 8YYJoint Tandem Switched Transport.** (N)
| (N)

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EFFECTIVE: July 1, 2021

Chantel Bosworth
Director Government Operations
Monroe, Louisiana

FACILITIES FOR INTRASTATE ACCESS

17. VoIP-PSTN Rates and Charges (Cont'd)

17.1 Switched Access Service (Cont'd)

17.1.2 Local Transport (Cont'd)

(D) Tandem Switched Transport (Cont'd)

	<u>Rate</u>	
- <u>Tandem Switching</u>		
Per Access Minute Per Tandem		
Originating Non-Toll Free	\$0.000611	(T)
Terminating 3 rd Party	\$0.000611	
Terminating End Office	\$0.000000	

(E) Dedicated Trunk Port

	<u>Access Tandem Dedicated Trunk Port Voiceband Monthly Rate, Per Channel</u>	<u>Access Tandem Dedicated Trunk Port DS1 Monthly Rate, Per Channel</u>
Per Port	\$16.77	\$7.89

(F) Shared Multiplexing DS3-DS1

	<u>Per Minute Rate</u>	
Per Access Minute		
Originating Non-Toll Free	\$0.000108	(T)
Terminating 3 rd Party	\$0.000108	
Terminating End Office	\$0.000000	

	<u>Originating Toll Free *</u>	(N)
(G) <u>8YY Joint Tandem Switched Transport</u>		
Per Access Minute	\$0.001	(N)

* Effective July 1, 2021, pursuant to FCC 20-143, separate rate elements for Toll Free and Non-Toll Free Originating Transport services were established. The Toll Free rate element for Originating Transport service is displayed as 8YY Joint Tandem Switched Transport. (N)

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EFFECTIVE: July 1, 2021

Chantel Bosworth
Director Government Operations
Monroe, Louisiana

FACILITIES FOR INTRASTATE ACCESS

17. VoIP-PSTN Rates and Charges (Cont'd)

17.1 Switched Access Service (Cont'd)

17.1.3 End Office

Rates

(A) Local Switching

LS1 & LS2 Per Access Minute
Originating **Toll Free**
Originating Non-Toll Free
Terminating

\$0.0033930 (R) (C)
\$0.028002660 (C)
\$0.0000000 (T)

(B) Shared Trunk Port
Per Access Minute

		<u>Rate Per Access Minute</u>		
		<u>Originating</u>	<u>Terminating</u>	
		<u>Toll-Free</u>	<u>Non-Toll Free</u>	(C)
	\$0.001718	\$0.001718	\$0.000000	

(C) Dedicated Trunk Port (Note 1)

Monthly Rate
Per Channel

Voice Grade \$ 5.12
DS1 \$ 0.89

Note 1: The End Office Dedicated Trunk Port rate was calculated based upon a 50/50 split between originating and terminating traffic using this flat-rated port. The FCC in their FCC 11-161 ICC Transformation order in section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate a single flat rate is generated for billing purposes. The Originating portion of the Voce Grade charge is \$5.12 and the Originating portion of the DS1 charge is \$0.89.

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Chantel Bosworth
Director Government Operations
Monroe, Louisiana

Attachment B

CenturyLink Operating Companies F.C.C. Tariff No. 1
Proposed Pages

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Milliwatt (102 Type) Test Line

The term "Milliwatt (10 Type) Test Line" denotes an arrangement in an end office which provides a 1004 Hz tone at - dBm0 for one-way transmission measurements towards the customer's premises from the Company end office.

Mobile Telephone Switching Office (MTSO)

The term "Mobile Telephone Switching Office (MTSO)" denotes a Cellular Mobile Carrier (CMC) switching system that is used to terminate mobile stations for purposes of interconnection to each other and to trunks interfacing with the public switched network.

Network Control Signaling

The term "Network Control Signaling" denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of the telecommunications system.

Non-Competitive Serving Wire Center

A Company Serving Wire Center that has not met the Competitive Market Test as established by the FCC's BDS Order (17-43) on April 28, 2017 at §69.803.

Nonsynchronous Test Line

The term "Nonsynchronous Test Line" denotes an arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but can be made more rapidly.

Non-Toll Free

All calls that are not toll free (8YY) as established by the FCC's 8YY Access Charge Reform Order (FCC 20-143) released on October 9, 2020.

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North American Numbering Plan

The term "North American Numbering Plan" denotes a three-digit area code (Numbering Plan Area - NPA) and a seven-digit telephone number made up of a three-digit Central Office prefix plus a four-digit station number.

Off-hook

The term "Off-hook" denotes the active condition of Switched Access or a Telephone Exchange Service line.

On-hook

The term "On-hook" denotes the idle condition of Switched Access or a Telephone Exchange Service line.

Open Circuit Test Line

The term "Open Circuit Test Line" denotes an arrangement in an end office which provides an ac open circuit termination of a trunk or line by means of an inductor of several Henries.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Tandem Switched Transport

The term "Tandem Switched Transport" denotes transport from the tandem to the end office, or from the tandem to the end office, that is switched at the tandem.

Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from an IC premises to an End User Premises.

Terminus Hub

A wire center at which bridging or multiplexing functions are performed only for Customers served directly by the same wire center.

Toll Free Code (TFC)

The term "Toll Free Code" denotes a three-digit Numbering Plan Area (NPA) or Area Code that is specifically assigned by the telecommunications industry for use by Telecommunications Service Providers in the provision of telephone numbers that, unlike traditional telephone numbers and calls, when dialed are toll free to the originating caller. The specific codes assigned and used, or reserved for use, for this purpose are 800, 822, 833, 844, 855, 866, 877, and 888.

(N)
|
(N)

Toll VoIP-PSTN Traffic

The term "Toll VoIP-PSTN Traffic" denotes a customer's interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing format over PSTN facilities, which 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 customer of a service that requires IP-compatible customer premises equipment.

Transmission Measuring (105 Type) Test Line/Responder

The term "Transmission Measuring (105 Type) Test Line/Responder" denotes an arrangement in and end office which provides far-end access to a responder and permits two-way loss and noise measurements to be made on trunks from a near end office.

Transmission Path

The term "Transmission Path" denotes an electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path is comprised of physical or derived facilities consisting of any form or configuration of plant typically used in the telecommunications industry.

Trunk

The term "Trunk" denotes a communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

(M)
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(M)

(M) – Material moved to Page 2-78.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Trunk Group

The term "Trunk Group" denotes a set of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

Trunk Side Connection

The term "Trunk Side Connection" denotes the connection of a transmission path to the trunk side of a local exchange switching system.

Two-Wire to Four-Wire Conversion

The term "Two-Wire to Four-Wire Conversion" denotes an arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity (e.g., a central office switch).

V and H Coordinates Method

The term "V and H Coordinates Method" denotes a method of computing airline miles between two points by utilizing an established formula which is based on the vertical and horizontal coordinates of the two points.

WATS Serving Office

The term "WATS Serving Office" denotes a Telephone Company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS or WATS-type services.

Wire Center

The term "Wire Center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(2) Direct Trunked Transport (Cont'd)

The Direct Trunked Facility rate recovers a portion of costs of transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits.

The Direct Trunked Termination rate specified in rate sections following recovers a portion of the costs of the circuit equipment that is necessary for the termination of each end of the Direct Trunked Facility.

(3) Tandem Switched Transport

The Tandem Switched Transport rate elements recover a portion of the costs associated with a communications path between a tandem and an end office or between a tandem and an end office on circuits that are switched at a tandem switch, or between a host and a remote switch. For examples of Tandem Switched Transport see Section 2.4.7 preceding.

Effective July 1, 2021, as established in the 8YY Access Charge Reform (FCC 20-143), existing tandem switching charges and transport charges for originating 8YY traffic are eliminated and a single joint tandem switched access service rate element for 8YY originating access service is established. The 8YY originating Joint Tandem Switched Transport rate is provided at the rates set forth in Sections 17.2.2, 18.2.2 and 19.2.2.

(N)

(N)

Tandem Switched Transport rates consist of a Tandem Switching rate, a Tandem Switched Facility rate, Tandem Switched Termination rate, Dedicated Trunk Port Rates and common/Shared Multiplexing.

The Tandem Switching rate recovers a portion of the costs of switching traffic through an access tandem. The Tandem Switching rate specified in rate sections following is applied on a per access minute per tandem basis for all originating and all terminating minutes of use switched at the tandem. Tandem locations are identified in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4, Wire Center Information.

The Tandem Switched Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission circuit equipment, between the end points of interoffice circuits. The Tandem Switched Facility rate specified in rate sections following is applied on a per access minute per mile basis for all originating and terminating minutes of use routed over the facility.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Local Transport (Cont'd)

The Tandem Switched Termination rate recovers a portion of the costs of circuit equipment necessary for the termination of each end of each measured segment of the Tandem Switched Facility. The Tandem Switched Termination rate specified in rate sections following is applied on a per access minute basis (for all originating and terminating minutes of use routed over the facility) at each end of each measured segment of Tandem Switched Facility (e.g., at the end office,

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(3) Tandem Switched Transport (Cont'd)

Feature Group A dial tone office, host office, tandem, and serving wire center). When the Tandem Switched Facility mileage is zero, neither the Tandem Switched Facility rate nor the Tandem Switched Termination rate will apply.

The Dedicated Trunk Port is applicable to the purchase of dedicated trunks terminated by that port. The Dedicated Trunk Port provides for the termination of a dedicated trunk at the end office or access tandem. The Dedicated Trunk Port is a flat rated charge assessed on a per channel basis. The rate is determined based on whether the trunk is voice grade or DS1.

Common/Shared Multiplexing provides for the use of the multiplexing equipment at the remote, the end office, and at the access tandem. The common transport multiplexing rate element is assessed on a per minute of use basis at the tandem.

(4) Reserved For Future Use(5) Multiplexing

DS3 to DS1 Multiplexing charges specified in rate sections following apply when a High Capacity DS3 Entrance Facility or High Capacity DS3 Direct Trunked Facility is connected with High Capacity DS1 Direct Trunked Transport. The DS3 to DS1 multiplexer will convert a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

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18. Rates and Charges – CenturyTel of Wisconsin, LLC; CenturyTel of Central Wisconsin, LLC; Telephone USA of Wisconsin, LLC; Spectra Communications Group, LLC (Cont'd)

18.2	<u>Switched Access Service</u> Cont'd)		Tariff Section Reference
18.2.2	<u>Local Transport</u> (Cont'd)	<u>Rates</u>	<u>Reference</u>
	<u>Direct Trunked Termination</u> Per Termination		
	- Voice Grade	\$7.99	
	- High Capacity DS1	\$4.66	
	- High Capacity DS3	\$185.80	
	<u>Multiplexing</u> Per Arrangement		6.1.3(A)(5)
	- DS3 to DS1	\$168.05	
	- DS1 to Voice	\$72.00	

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18. Rates and Charges – CenturyTel of Wisconsin, LLC; CenturyTel of Central Wisconsin, LLC; Telephone USA of Wisconsin, LLC; Spectra Communications Group, LLC (Cont'd)

18.2	<u>Switched Access Service</u> Cont'd)	Tariff Section Reference	(M)
18.2.2	<u>Local Transport</u> (Cont'd)	<u>Rates</u>	
	<u>Tandem Switched Transport</u>	6.1.3(A)(3)	
	- <u>Tandem Switched Facility</u> Per Access Minute Per Mile		
	Originating – Non-Toll Free *	\$0.000064	(T)
	Terminating 3 rd Party	\$0.000064	
	Terminating End Office	\$0.000000	
	- <u>Tandem Switched Termination</u> Per Access Minute Per Termination		
	Originating – Non-Toll Free *	\$0.000128	(T)
	Terminating 3 rd Party	\$0.000128	
	Terminating End Office	\$0.000000	
	- <u>Tandem Switching</u> Per Access Minute Per Tandem		
	Originating – Non-Toll Free *	\$0.000611	(T)
	Terminating 3 rd Party	\$0.000611	
	Terminating End Office	\$0.000000	
	- <u>Shared Multiplexing DS3-DS1</u>	<u>Per Minute Rate</u>	
	Originating – Non-Toll Free *	\$0.000108	(T)
	Terminating 3 rd Party	\$0.000108	
	Terminating End Office	\$0.000000	
	- <u>8YY Joint Tandem Switched Transport</u>	<u>Per Access Minute</u>	(N)
	Originating – Toll Free *	\$0.001	(N)
	<u>Network Blocking Per Blocked Call</u> **		
	Applies to FGD only	\$0.016	6.8.6

* **Effective July 1, 2021, pursuant to FCC 20-143, separate rate elements for Toll Free and Non-Toll Free originating transport services were established.** (N)
(N)

** This flat rated charge was calculated based upon a 50/50 split between originating and terminating. The FCC in their FCC 11-161 ICC Transformation Order in Section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes.

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18. Rates and Charges – CenturyTel of Wisconsin, LLC; CenturyTel of Central Wisconsin, LLC; Telephone USA of Wisconsin, LLC; Spectra Communications Group, LLC (Cont'd)18.2 Switched Access Service (Cont'd)18.2.2 Local Transport (Cont'd)

(A) <u>Common Channel Signaling Network Connection</u>	<u>Rate</u>	<u>Tariff Section Reference</u>	
(1) <u>Signaling Network Access Link</u>		6.9.6	
- Signaling Mileage Facility Per Mile	\$ 1.25		
- Signaling Mileage Termination Per Termination	\$11.45		
- Signaling Entrance Facility Per Facility	\$19.65		
- Nonrecurring Charge	\$221.00		
(2) <u>STP Port</u>			
- Per Port	\$1,323.95		
(B) <u>Toll Free Service Access Code Data Base Access Queries</u>		6.1.3	
Per Query			
Basic	\$0.004248		(R)
Vertical Feature	\$0.000000	6.9.5	(R)

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18. Rates and Charges – CenturyTel of Wisconsin, LLC; CenturyTel of Central Wisconsin, LLC; Telephone USA of Wisconsin, LLC; Spectra Communications Group, LLC (Cont'd)18.2 Switched Access Service (Cont'd)18.2.3 End Office

	Rates <u>Per Access Minute</u>	
(A) <u>Local Switching</u>		
Originating – Toll Free	\$0.0033930	(C)
Originating – Non-Toll Free	\$0.0033930	(C)
Terminating	\$0.0000000	
(B) <u>Shared Trunk Port</u>		
Originating – Toll Free	\$0.001718 (R)	(C)
Originating – Non-Toll Free	\$0.001718 (R)	(C)
Terminating	\$0.0000000	
(C) <u>Dedicated Trunk Port</u>		
	<u>Per Month *</u>	
DS1 Port, per Channel	\$0.89	
Voice Grade, per Channel	\$5.12	

* The End Office Dedicated Trunk Port rate was calculated based upon a 50/50 split between originating and terminating traffic using this flat-rated port. The FCC in their FCC 11-161 ICC Transformation order in section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. The terminating portion of the rate was reduced and then combined with the originating portion of the rate for a single flat rate. The Originating portion of the Voiceband charge is \$5.12 and the Originating portion of the DS1 charges is \$0.89.

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