

WN U-16
FRONTIER COMMUNICATIONS NORTHWEST INC.

1st Revised Sheet 91
Canceling
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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

2.7.3 Meet Point Billing (Cont'd)

(C) Meet Point Billing Mileage Calculation

Each Telephone Company's portion of the Switched Transport and/or Special Transport mileage will be determined as follows:

- (1) For Switched Access Tandem-Switched Transport Services, determine the appropriate Tandem-Switched Transport - Facility total miles by computing the number of miles from the wire center that normally serves the CDL, or the access tandem if Direct-Trunked Transport is ordered directly to the access tandem, to the serving wire center in the Access Area (i.e., end user serving wire center, or WATS Serving Office), using the V&H method as described in the NECA Tariff FCC No. 4. For Special Access Service and Switched Access Direct-Trunked Transport determine the appropriate Special Transport or Direct-Trunked Transport total miles by computing the number of miles between the serving wire centers involved (i.e., CDL serving wire center, Hub wire center, WATS Serving Office) using the V&H method as described in the NECA Tariff FCC No. 4. Where the calculated miles includes a fraction, the value is rounded up to the next full mile.
- (2) Determine the billing percentage (BP), as described in the NECA Tariff FCC No. 4. This represents the portion of the Service provided by each telephone company.
- (3) For Switched Access Tandem-Switched Transport; when Tandem Switched Transport is provided to a terminating carrier different from a Frontier Telephone ILEC Company, Terminating – Tandem 3rd party rates are applicable otherwise Terminating –Tandem Affiliate rates are applicable. When originating Tandem Switched Transport is provided, Originating rates are applicable. To determine the Switched Access Tandem-Switched Transport (a) multiply the number of access minutes of use times the number of airline miles as specified in (1), times the BP of each Telephone Company as specified in (2), times the Tandem-Switched Transport - Facility rate; (b) multiply the Tandem-Switched Transport - Termination rate times the number of access minutes times the quantity of terminations.

(C)
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(C)

Example of Billing Percentage (BP) Method Using the Multiple Bill Option:

The Tandem-Switched Transport - Facility between Office X and Office Y is jointly provided by telephone companies A and B. The following example reflects the rate for telephone company A. Rate for telephone company B would appear in its appropriate Access Tariff.

Advice No. 3355

Issued: May 11, 2017
Issued by Frontier Communications Northwest Inc.
By Allison Ellis, Senior Vice President of Regulatory Affairs

Effective: July 1, 2017

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FRONTIER COMMUNICATIONS NORTHWEST INC.
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1st Revised Sheet 93

FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

2.7.3 Meet Point Billing (Cont'd)

(C) Meet Point Billing Mileage Calculation (Cont'd)

(3) (Cont'd)

Formula:

Access Minutes (AM) x Airline Miles (ALM) x Billing Percentage (BP) x Tandem-Switched Transport - Facility Rate (SWT FAC) + [Tandem-Switched Transport - Termination Rate (SWT TERM) x Access Minutes (AM) x Quantity of Terminations (TERMS)] = Total

Calculation:

Telephone Company A

AM ALM BP SWT FAC SWT TERM AM TERMS
9,000 x 50 x .40 x SWT FAC [SWT TERM x 9,000 x TERMS]=TOTAL

(4) For Special Access and for Switched Access Direct-Trunked Transport, multiply the number of airline miles as in (1), times the BP for each telephone company as in (2), times the Special Transport or Direct-Trunked Transport Facility rates elements. For DS1 and DS3 Special Transport and DS1 and DS3 Direct-Trunked Transport, multiply the Special Transport Termination or Direct-Trunked Transport Termination rate times the number of terminations provided by the Telephone Company.

(K) Material transferred to Sheet 93.6.

(K)
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Advice No. 3355

Issued: May 11, 2017
Issued by Frontier Communications Northwest Inc.
By Allison Ellis, Senior Vice President of Regulatory Affairs

Effective: July 1, 2017

WN U-16
FRONTIER COMMUNICATIONS NORTHWEST INC.
Original Sheet 93.1

FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

2.7.3 Meet Point Billing (Cont'd)

(C) Meet Point Billing Mileage Calculation (Cont'd)

(5) Example 1 – Originating Switched Access

- Feature Group D Switched access is ordered to End Office.
- Originating End Office and Access Tandem are in the operating territory of a Telephone Company (TC-A).
- Customer Designated Premises is in the operating territory of a Telephone Company (TC-B)
- Assumptions:
 - TC-A Direct Trunk Transport BP = 40%
 - TC-B Direct Trunk Transport BP = 60%
 - Direct Trunked Transport mileage = 26 mi.
 - Tandem Switched Transport mileage = 23 mi.
- Telephone Company A charges are:
 - End Office charges = 9,000 min. x EO rate
 - Tandem Switched Transport Facility charge = 9,000 min. x 23 mi. x TSF rate
 - Tandem Switched Transport Termination charge = 2 terminations x 9,000 min. x TST rate
 - Tandem Switching Rate = 9,000 min. x TS rate
 - Direct Trunked Facility charge = 26 mi. x DTF rate x 40%
 - Direct Trunked Termination charge = 1 termination x DTT rate
 - Shared Multiplexing charge = 9,000 min. x 23 mi. x SM rate

(N)

(N)

Advice No. 3355

Issued: May 11, 2017
Issued by Frontier Communications Northwest Inc.
By Allison Ellis, Senior Vice President of Regulatory Affairs

Effective: July 1, 2017

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 FRONTIER COMMUNICATIONS NORTHWEST INC.
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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

2.7.3 Meet Point Billing (Cont'd)

(C) Meet Point Billing Mileage Calculation (Cont'd)

(6) Example 2 – Terminating Switched Access – Tandem 3rd Party

- Feature Group D Switched Access is ordered to End Office.
- Terminating Access Tandem is owned by Frontier Telephone ILEC Companies (TC-A) and end office is owned by a non-Frontier Telephone ILEC Company.
- Assumptions:
 - TC-A Direct Trunk Transport BP = 40%
 - TC-B Direct Trunk Transport BP = 60%
 - Direct Trunk Transport mileage = 26 mi.
 - TC-A Tandem Switched Transport BP = 20%
 - TC-B Tandem Switched Transport BP = 80%
 - Tandem Switched Transport mileage = 23 mi.
- Telephone Company A charges are:
 - Tandem Switched Transport Facility-3rd Party charge = 9,000 min. x 23 mi. x TSF-3rd Party rate x 20%
 - Tandem Switched Transport Termination-3rd Party charge = 1 termination x 9,000 min. x TST – 3rd Party rate
 - Tandem Switching-3rd Party Rate = 9,000 min. x TS-3rd Party rate
 - Direct Trunked Facility charge = 26 mi. x DTF rate x 40%
 - Direct Trunked Termination charge = 1 termination x DTT rate
 - Shared Multiplexing 3rd Party Charge = 9,000 min. x 23 mi. x SM-3rd Party rate

(N)

(N)

Advice No. 3355

Issued: May 11, 2017
 Issued by Frontier Communications Northwest Inc.
 By Allison Ellis, Senior Vice President of Regulatory Affairs

Effective: July 1, 2017

WN U-16
FRONTIER COMMUNICATIONS NORTHWEST INC.
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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

2.7.3 Meet Point Billing (Cont'd)

(C) Meet Point Billing Mileage Calculation (Cont'd)

(7) Example 3 –Terminating Switched Access Tandem End Office

- Feature Group D Switched Access is ordered to End Office.
- Terminating End Office and Access Tandem are both owned by Frontier Telephone ILEC Companies (TC-A).
- Assumptions:
 - TC-A Direct Trunk Transport BP = 40%
 - TC-B Direct Trunk Transport BP = 60%
 - Direct Trunk Transport mileage = 26 mi.
 - Tandem Switched Transport mileage = 23 mi.
- Telephone Company A charges are:
 - End office Charges = 9,000 min. x EO rate
 - Tandem Switched Facility – End Office charge = 9,000 min. x 23 mi. x TSF-End Office rate.
 - Tandem Switched Transport Termination –End Office charge = 2 terminations x 9,000 min. x TST-End Office rate.
 - Tandem Switching – End Office charge = 9,000 min. x TS-End Office rate
 - Direct Trunked Facility Charge = 26 mi x DTF rate x 40%
 - Direct Trunked Termination charge – 1 termination x DTT rate
 - Shared Multiplexing charge = 9,000 min. x 23 mi. x SM rate

(N)

(N)

Advice No. 3355

Issued: May 11, 2017
Issued by Frontier Communications Northwest Inc.
By Allison Ellis, Senior Vice President of Regulatory Affairs

Effective: July 1, 2017

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FRONTIER COMMUNICATIONS NORTHWEST INC.
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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

2.7.3 Meet Point Billing (Cont'd)

(C) Meet Point Billing Mileage Calculation (Cont'd)

(8) Example 4 –Terminating Switched Access-Tandem 3rd Party

- Feature Group D Switched Access is ordered to End Office.
- Terminating Access Tandem is owned by Frontier Telephone ILEC Companies (TC-A). Terminating End Office is owned by a non-Frontier Telephone ILEC Company.
- Assumptions:
 - Direct Trunk Transport mileage = 26 mi.
 - TC-A Tandem Switched Transport BP = 20%
 - TC-B Tandem Switched Transport BP = 80%
 - Tandem Switched Transport mileage = 23 mi.
- Telephone Company A charges are:
 - Tandem Switched Transport Facility-3rd Party charge = 9,000 min. x 23 mi. x TSF-3rd Party rate x 20%
 - Tandem Switched Transport Termination-3rd Party charge = 1 termination x 9,000 min. x TST – 3rd Party rate
 - Tandem Switching-3rd Party Rate = 9,000 min. x TS-3rd Party rate
 - Direct Trunked Facility charge = 26 mi. x DTF rate
 - Direct Trunked Termination charge = 2 terminations x DTT rate
 - Shared Multiplexing-3rd Party Charge = 9,000 min. x 23 mi. x SM-3rd Party rate

(N)

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Advice No. 3355

Issued: May 11, 2017
Issued by Frontier Communications Northwest Inc.
By Allison Ellis, Senior Vice President of Regulatory Affairs

Effective: July 1, 2017

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 FRONTIER COMMUNICATIONS NORTHWEST INC.
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FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

2.7.3 Meet Point Billing (Cont'd)

(C) Meet Point Billing Mileage Calculation (Cont'd)

(9) Example 5 – Originating Switched Access Frontier Telephone ILEC Company owns only the End Office.

- Feature Group D Switched Access is ordered to End Office.
- End Office is owned by Frontier Telephone ILEC Companies (TC-A).
- Access Tandem is owned by a non-Frontier Telephone ILEC Company (TC-B)
- Assumptions:
 - Direct Trunk Transport mileage = 26 mi.
 - TC-A Tandem Switched Transport BP = 80%
 - TC-B Tandem Switched Transport BP = 20%
 - Tandem Switched Transport mileage = 23 mi.
- Telephone Company A charges are:
 - End Office Charges = 9,000 min. x EO rate
 - Tandem Switched Transport Facility charge = 9,000 min. x 23 mi. x TSF rate x 80%.
 - Tandem Switched Transport Termination charge = 1 termination x 9.000 min. x TST rate.

(10) Example 6 – Terminating Switched Access – Tandem 3rd Party

- Feature Group D Switched Access is ordered to End Office.
- End Office is owned by Frontier Telephone ILEC Companies (TC-A).
- Access Tandem is owned by a non-Frontier Telephone ILEC Company (TC-B)
- Telephone Company A charges are:
 - End Office Charges = 9,000 min. x EO rate
 - Tandem Switched Transport Facility-3rd Party charge = 9,000 min. x 23 mi. x TSF-3rd Party rate x 80%.
 - Tandem Switched Transport Termination-3rd Party charge = 1 termination x 9.000 min. x TST-3rd Party rate.

(N)

(N)

Advice No. 3355

Issued: May 11, 2017
 Issued by Frontier Communications Northwest Inc.
 By Allison Ellis, Senior Vice President of Regulatory Affairs

Effective: July 1, 2017

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FRONTIER COMMUNICATIONS NORTHWEST INC.
Original Sheet 93.6

FACILITIES FOR INTRASTATE ACCESS

2. GENERAL REGULATIONS (Cont'd)

2.7 FIA Services Provided By More Than One Telephone Company (Cont'd)

2.7.3 Meet Point Billing (Cont'd)

- (D) All other appropriate recurring and nonrecurring charges in each telephone company's Access tariff are applicable.
- (E) Where the Tandem-Switched Transport - Facility is provided by more than one Telephone Company, the Tandem-Switched Transport - Termination rate applies for the termination at the Telephone Company end of the Tandem-Switched Transport (i.e., the first point of switching or the end office serving the end user). The Tandem-Switched Transport - Termination rate will not apply when the Telephone Company is the intermediate provider of the Switched Transport Facility.
- (F) The shared Trunk Port for Tandem-Switched Transport shall be billed by the Telephone Company in whose territory the end office is located.

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(M) Material transferred from Sheet 93.

(N)

Advice No. 3355

Issued: May 11, 2017
Issued by Frontier Communications Northwest Inc.
By Allison Ellis, Senior Vice President of Regulatory Affairs

Effective: July 1, 2017

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FRONTIER COMMUNICATIONS NORTHWEST INC.

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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 may 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 dedicated to the use of a single customer from the serving wire center to the Telephone Company access tandem and circuits used in common by multiple customers from the Telephone Company access tandem to an end office. When Tandem Switched Transport to a terminating carrier's end office, and not an end office owned by a Frontier Telephone ILEC Company, the Terminating Tandem 3rd Party and Dedicated Trunk Port rates are applicable.

(N)
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(N)

The Tandem-Switched Transport Rate includes three subelements, a Tandem-Switched Transport - Facility, a Tandem-Switched Transport - Termination, and a Tandem Switching Rate. 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.

(E) Interconnection Rate

The Interconnection Rate is assessed upon all customers for interconnecting with the Telephone Company's switched access network. It is a usage rated per minute rate and applies to all originating and terminating minutes of use whether transported via Direct-Trunked Transport, Tandem-Switched Transport or Entrance Facilities.

Advice No. 3355

Issued: May 11, 2017

Issued by Frontier Communications Northwest Inc.

By Allison Ellis, Senior Vice President of Regulatory Affairs

Effective: July 1, 2017

WN U-16
 FRONTIER COMMUNICATIONS NORTHWEST INC.
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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

	Rate		
	OCN 4324	OCN 4423	
(A) <u>Tandem-Switched Transport - Facility</u> per access minute, per airline mile			
Zone 1 and No Zones			
Terminating - Affiliate	\$.00000200	\$.00000200	(T)
Terminating - 3 rd Party	.00000200	.00000200	(N)
Originating	.0000290	.0000290	
Zone 2			
Terminating - Affiliate	.00000200		(T)
Terminating - 3 rd Party	.00000200		(N)
Originating	.0000290		
Zone 3			
Terminating - Affiliate	.00000200		(T)
Terminating - 3 rd party	.00000200		(N)
Originating	.0000290		
(B) <u>Tandem-Switched Transport - Termination</u> per access minute, per termination			
Zone 1 and No Zones			
Terminating - Affiliate	.0	.0	(T)
Terminating - 3 rd Party	.0	.0	(N)
Originating	.0001690	.0001690	
Zone 2			
Terminating - Affiliate	.0		(T)
Terminating - 3 rd Party	.0	.0	(N)
Originating	.0001690		
Zone 3			
Terminating - Affiliate	.0		(T)
Terminating - 3 rd Party	.0	.0	(N)
Originating	.0001690		
(C) <u>Tandem Switching Rate</u> per access minute			
Zone 1 and No Zones			
Terminating - Affiliate	.00068740	.00064100	(T)(R)
Terminating - 3 rd Party	.00366420	.00366420	(N)
Originating	.0015000	.0015000	
Zone 2			
Terminating - Affiliate	.00068740		(T)(R)
Terminating - 3 rd Party	.00366420		(N)
Originating	.0015000		
Zone 3			
Terminating - Affiliate	.00068740		(T)(R)
Terminating - 3 rd Party	.00366420		(N)
Originating	.0015000		

Note: See Section 15 to determine OCN by Wire Center.

Advice No. 3355

Issued: May 11, 2017
 Issued by Frontier Communications Northwest Inc.
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Effective: July 1, 2017