
 ACCESS SERVICE

CHECK SHEET (Cont'd)

Title Page 1 and Pages 1 to 16-16 inclusive of this tariff, including Supplements Nos. 1 and 2, are effective as of the date shown. Original and revised pages, as named below are in effect on the date indicated.

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ACCESS SERVICE

1. Application of Tariff

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of End User Access, Lifeline Assistance, Universal Service Fund (USF), Switched Access, Non-competitive Special Access Services, Carrier Common Line (CCL), and other miscellaneous services, hereinafter referred to as service(s), provided by Frontier Communications of Minnesota and Iowa, hereinafter referred to as the Telephone Company, to Customers.

(C)
(C)

Pursuant to the Commission's Rules at Sections 69.4(c), 69.5(d), 69.104(1), 69.116, 69.117, 69.603(c) and 69.603(d), regulations concerning administration and billing of Lifeline Assistance and Universal Service Fund, rates and charges for these carrier elements are contained in Section 8 of the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 5. The National Exchange Carrier Association, Inc., will bill and collect all Lifeline Assistance and Universal Service Fund charges on behalf of the Telephone Company.

- 1.2 The provision of services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with a Customer for the furnishing of any service.
- 1.3 In accordance with the Commission's Report and Order and Order on Remand and Further Notice of Proposed Rulemaking, CC Docket No. 01-338, paragraph 581, released August 21, 2003, Unbundled Network Elements (UNEs) and combinations of UNEs can be commingled with wholesale services, including interstate access services.

- 1.4 References in this tariff to an Interstate Special Construction Tariff refer to the following tariff:

(N)
|
(N)(X)

Frontier Telephone Companies Tariff FCC. No. 7

(X) Issued under authority of Special Permission No. 13-020.

ACCESS SERVICE

5. Special Access Service**

(T)

5.1 General

Special Access Service provides a transmission path to connect Customer designated premises, either directly or through a Telephone Company hub where bridging or multiplexing functions are performed*. Special Access Service also provides a transmission path to connect a Customer designated premises and a WATS serving office. Special Access Service includes all exchange access not utilizing Telephone Company end office switches. This type of Access Service is used, for example, by Customers for the provision of private line service.

A list of end offices capable of performing the necessary screening functions for Special Access Service used in connection with Switched Access Service will be provided to the Customer upon request.

The provision of Special Access in all situations is dependent upon the availability of Telephone Company plant and equipment.

5.1.1 Channel Types

There are nine types of channels used to provide Special Access Service. These channels can be either analog or digital. Analog channels are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate. The specific types of channels (e.g., Narrowband, Voice Grade, Wideband Digital) provided under Special Access are described in Section 5.2.

Each of the nine channel types has its own characteristics. All of the channel types are subdivided by one or more of the following:

- Transmission specification
- Bandwidth
- Speed (i.e., bit rate)
- Spectrum

The Customer can order a basic channel and select from a list of available transmission parameters, protocol combinations, and optional features to design a channel which meets the Customer's specific communications needs.

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a Customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a Customer's equipment is capable of transmitting voice over a channel that is identified as a Narrowband Service in this tariff, there is no restriction against doing so.

*Telephone Company Centrex CO-like switches are considered to be Customer premises for purposes of this tariff.

** Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

(N)
(N)
(N)

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 180 S. Clinton Ave., Rochester, NY 14646

ACCESS SERVICE

8. Additional Engineering, Additional Labor and Miscellaneous Charges

In this Section 8, Basic Time refers to the period when services are performed by the Telephone Company on business days during regularly scheduled work hours. Overtime refers to the period when services are performed by the Telephone Company on business days but outside of regularly scheduled work hours. Premium time refers to the period when services are performed by the Telephone Company on non-business days, such as weekends and holidays.

8.1 Additional Engineering

Additional Engineering will be provided by the Telephone Company at the request of the Customer only when:

A Customer requests additional technical information after the Telephone Company has already provided the technical information normally included on the Design Layout Report (DLR) as set forth in Sections 4.1.3 and 5.1.6.

Additional engineering time is incurred by the Telephone Company to engineer a Customer's request for a customized service (i.e., not conforming to the predefined technical specifications for services set forth in Sections 4 and 5).

The Telephone company will notify the Customer that additional engineering charges, as set forth in Section 15 following, will apply before any additional engineering is undertaken.

8.2 Additional Labor

Additional Labor is that requested by the Customer on a given service as set forth in Sections 8.2.1 through 8.2.6. The Telephone Company will notify the Customer that Additional Labor charges as set forth in Section 15 will apply before any additional labor is undertaken.

(D)

Hourly charges are calculated from the time Telephone Company personnel are dispatched to the Customer's designated premises and end when the work is completed. Service by a Telephone Company employee at a time not consecutive with his scheduled work period is subject to a minimum charge of 3 hours at the rate specified in Section 15 for overtime or premium time, as applicable.

ACCESS SERVICE

13. Reserved

(D)

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ACCESS SERVICE

13. Reserved

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ACCESS SERVICE

13. Reserved

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ACCESS SERVICE

13. Reserved

(D)

(D)

 ACCESS SERVICE

15. Rates and Charges (Cont'd)15.3 Special Access Service (Cont'd)Special Access Surcharge

| | |
|---------------------------------------|---------|
| Per Voice Grade Equivalent, per month | \$25.00 |
|---------------------------------------|---------|

Narrowband 1 Service (NB1)

| | |
|--|--|
| NB1 Channel Termination, per point of termination per month | |
|--|--|

| | |
|-----------|-----|
| Iowa | ICB |
| Minnesota | ICB |

| | |
|--|--|
| NB1 Channel Mileage Termination, per termination per month | |
|--|--|

| | |
|-----------|-----|
| Iowa | ICB |
| Minnesota | ICB |

| | |
|--|--|
| NB1 Channel Mileage Facility, per mile per month | |
|--|--|

| | |
|-----------|-----|
| Iowa | ICB |
| Minnesota | ICB |

Narrowband 2 Service (NB2)

| | |
|--|--|
| NB2 Channel Termination, per point of termination per month | |
|--|--|

| | |
|---------------------|-----|
| Two-Wire, Iowa | ICB |
| Two-Wire, Minnesota | ICB |
| Four-Wire | ICB |

Voice Grade Service (VG) Non-Competitive End User

(T)

| | |
|--|---------|
| VG Two-Wire Channel Termination per point of termination, per month | \$29.00 |
| Nonrecurring charge | \$0.00 |

| | |
|---|---------|
| VG Four-Wire Channel Termination per point of termination, per month | \$38.00 |
| Nonrecurring charge | \$0.00 |

| | |
|---|---------|
| VG Channel Mileage Termination per termination per month | \$53.16 |
|---|---------|

| | |
|---|--------|
| VG Channel Mileage Facility per mile per month | \$3.00 |
|---|--------|

ACCESS SERVICE

15. Rates and Charges (Cont'd)

15.3 Special Access Service (Cont'd)

Program Audio Service (PA)

PA Channel Termination, per point of termination, Non-Competitive End User (T)

| | |
|---|----------|
| PA 200-3500 Hz | |
| per point of termination,per month | ICB |
| Nonrecurring charge | ICB |
| PA 100-5000 Hz | |
| per point of termination,per month | \$59.00 |
| Nonrecurring charge | \$0.00 |
| PA 50-8000 Hz | |
| per point of termination,per month | \$59.00 |
| Nonrecurring charge | \$0.00 |
| PA 50-15000 Hz | |
| per point of termination,per month | \$63.60 |
| Nonrecurring charge | \$0.00 |
| PA Channel Mileage Termination | |
| PA 100-5000 Hz, per termination per month | \$26.00 |
| PA 50-8000 Hz, per termination per month | \$38.00 |
| PA 50-15000 Hz, per termination per month | \$101.00 |
| PA Channel Mileage Facility | |
| PA 100-5000 Hz, per mile per month | \$5.00 |
| PA 50-8000 Hz, per mile per month | \$5.00 |
| PA 50-15000 Hz, per mile per month | \$5.00 |

ACCESS SERVICE

15. Rates and Charges (Cont'd)15.3 Special Access Service (Cont'd)Digital Data Access Service (DA)

DA Channel Termination, per point of termination Non-Competitive End User (T)

| | |
|--|----------|
| DA 2.4 Kbps | |
| per point of termination, per month | ICB |
| Nonrecurring charge | ICB |
| DA 4.8 Kbps | |
| per point of termination, per month | \$88.00 |
| Nonrecurring charge | \$0.00 |
| DA 9.6 Kbps | |
| per point of termination, per month | \$94.00 |
| Nonrecurring charge | \$0.00 |
| DA 56 Kbps | |
| per point of termination, per month | \$100.50 |
| Nonrecurring charge | \$0.00 |
| DA 64 Kbps | |
| per point of termination, per month | \$140.00 |
| Nonrecurring charge | \$0.00 |
| DA Channel Mileage Termination | |
| DA 2.4 Kbps, per termination per month | ICB |
| DA 4.8 Kbps, per termination per month | \$44.00 |
| DA 9.6 Kbps, per termination per month | \$48.00 |
| DA 56 Kbps, per termination per month | \$72.50 |
| DA 64 Kbps, per termination per month | \$80.00 |
| DA Channel Mileage Facility | |
| DA 2.4 Kbps, per mile per month | ICB |
| DA 4.8 Kbps, per mile per month | \$2.00 |
| DA 9.6 Kbps, per mile per month | \$3.00 |
| DA 56 Kbps, per mile per month | \$5.00 |
| DA 64 Kbps, per mile per month | \$6.00 |

ACCESS SERVICE

15. Rates and Charges (Cont'd)15.3 Special Access Service (Cont'd)High Capacity Service

Channel Termination - 1.544 Mbps (DS1)
 Month to Month

| | | |
|---|----------|-----|
| per point of termination, per month Non-Competitive | \$184.44 | (D) |
| Nonrecurring charge | \$700.00 | (N) |
| 18 Month Term Discount Plan | | |
| per point of termination, per month | \$174.60 | |
| Nonrecurring charge | \$700.00 | |
| 36 Month Term Discount Plan | | |
| per point of termination, per month | \$156.22 | |
| Nonrecurring charge | \$550.00 | |
| 60 Month Term Discount Plan | | |
| per point of termination, per month | \$147.03 | |
| Nonrecurring charge | \$550.00 | |

Channel Mileage Termination - 1.544 Mbps (DS1)
 per termination, per month

| | |
|---|----------|
| Month to Month Competitive Exchange | \$103.66 |
| Month to Month Non-Competitive Exchange | \$94.24 |
| 18 Month Term Discount Plan | \$93.30 |
| 36 Month Term Discount Plan | \$89.53 |
| 60 Month Term Discount Plan | \$84.82 |

Channel Mileage Facility - 1.544 Mbps (DS1)
 per mile, per month

| | |
|---|---------|
| Month to Month Competitive Exchange | \$16.50 |
| Month to Month Non-Competitive Exchange | \$15.00 |
| 18 Month Term Discount Plan | \$14.25 |
| 36 Month Term Discount Plan | \$12.75 |
| 60 Month Term Discount Plan | \$12.00 |

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15. Rates and Charges (Cont'd)15.3 Special Access Service (Cont'd)High Capacity Service (Cont'd)

Channel Termination - 44.736 Mbps (DS3)
 Month to Month

| | | |
|---|------------|-----|
| per point of termination, per month Non-Competitive | \$2,442.19 | (D) |
| Nonrecurring charge | \$3,500.00 | (N) |
| 18 Month Term Discount Plan | | |
| per point of termination, per month | \$2,200.00 | |
| Nonrecurring charge | \$1,500.00 | |
| 36 Month Term Discount Plan | | |
| per point of termination, per month | \$1,970.00 | |
| Nonrecurring charge | \$1,500.00 | |
| 60 Month Term Discount Plan | | |
| per point of termination, per month | \$1,600.00 | |
| Nonrecurring charge | \$1,500.00 | |

Channel Mileage Termination - 44.736 Mbps (DS3)
 per termination, per month

| | |
|--------------------------------|----------|
| Month to Month Competitive | \$713.90 |
| Month to Month Non-Competitive | \$649.00 |
| 18 Month Term Discount Plan | \$649.00 |
| 36 Month Term Discount Plan | \$649.00 |
| 60 Month Term Discount Plan | \$649.00 |

Channel Mileage Facility - 44.736 Mbps (DS3)
 per mile, per month

| | |
|--------------------------------|----------|
| Month to Month Competitive | \$286.00 |
| Month to Month Non-Competitive | \$260.00 |
| 18 Month Term Discount Plan | \$229.00 |
| 36 Month Term Discount Plan | \$200.00 |
| 60 Month Term Discount Plan | \$150.00 |

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15. Rates and Charges (Cont'd)

15.3 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

(D)

(D)

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15. Rates and Charges (Cont'd)

15.7 Private Line Services

(D)

(D)

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15. Rates and Charges (Cont'd)

15.7 Private Line Services (Cont'd)

(D)

(D)

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15. Rates and Charges (Cont'd)

15.7 Private Line Services (Cont'd)

(D)

(D)

ACCESS SERVICE

15. Rates and Charges (Cont'd)

15.7 Private Line Services (Cont'd)

(D)

(D)

ACCESS SERVICE

15. Rates and Charges (Cont'd)

15.7 Private Line Services (Cont'd)

(D)

(D)

ACCESS SERVICE

15. Rates and Charges (Cont'd)

15.7 Private Line Services (Cont'd)

(D)

(D)

ACCESS SERVICE

15. Rates and Charges (Cont'd)

15.7 Private Line Services (Cont'd)

(D)

(D)

ACCESS SERVICE

15. Rates and Charges (Cont'd)15.8 Carrier Common Line Access Service (CCL)

CCL Premium Access per minute

| | |
|-------------|------------|
| Originating | \$0.000000 |
|-------------|------------|

| | |
|-------------|------------|
| Terminating | \$0.000000 |
|-------------|------------|

CCL Non-Premium Access per minute

| | |
|-------------|------------|
| Originating | \$0.000000 |
|-------------|------------|

| | |
|-------------|------------|
| Terminating | \$0.000000 |
|-------------|------------|

15.9 Competitive and Non-Competitive Counties for Special Access15.9.1 General

Certain Special Access rates and charges may be applied based on whether the End User Channel Termination is served from a "Competitive County" or "Non-Competitive County." Competitive Counties and Non-Competitive Counties are defined in Section 2.6, and the wire centers within such counties are listed in Section 15.9.2 below.

In wire centers within a Competitive County, monthly rates and nonrecurring charges for Special Access rate elements have been detariffed. In wire centers within a Non-Competitive County, monthly rates and nonrecurring charges for Special Access rate elements are subject to the "Non-Competitive County Rate" to the extent it is specified. Until February 1, 2018, the "Competitive County Rate" reflects the rate in place as of August 1, 2017. (C)

For Interexchange Carrier Point of Presence Channel Terminations, Channel Mileage and Optional Features and Functions, including Multiplexing, the "Competitive County Rate," if specified, applies regardless of whether the county is Competitive or Non-Competitive.