

**ACCESS SERVICE**

17. Rates and Charges - Highland Telephone Cooperative

17.1 Common Line Access Service

17.1.1 End User Access Service

Rates for the Telephone Company's End User Access Service may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

17.1.2 Federal Universal Service Charge (FUSC)

Rates for the Telephone Company's Federal Universal Service Charge (FUSC) may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.2 Switched Access Service17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(A) Local Transport - Installation  
Per Entrance Facility

6.4.1(B)(1)

|                                    |          |
|------------------------------------|----------|
| - Voice Grade Two Wire             | \$483.86 |
| - Voice Grade Four Wire            | \$483.86 |
| - High Capacity DS1                | \$354.84 |
| - High Capacity DS3                | \$478.49 |
| - Synchronous Optical Channel OC3  | \$387.09 |
| - Synchronous Optical Channel OC12 | \$387.09 |
| - ESALT 2 Mbps                     | \$573.45 |
| - ESALT 10 Mbps                    | \$573.45 |
| - ESALT 50 Mbps                    | \$573.45 |

(B) Interim NXX Translation  
Per Order

\$236.56

6.4.1(B)(2)

Per LATA or Market Area

(C) FGC and FGD Conversion of  
Multifrequency Address  
Signaling to SS7 Signaling  
or SS7 Signaling to  
Multifrequency Address  
Signaling

- Per 24 Trunks Converted  
or Fraction thereof on  
a Per Order Basis

\$475.25

6.4.1(B)(3)

(D) Direct Trunked Transport  
ActivatedPer Order

- Per 24 Trunks Activated  
or Fraction thereof on  
a Per Order Basis

\$493.53

6.4.1(B)(1)

(E) ESALT Direct Trunked  
Termination

6.4.1(B)(1)

- Per ESALT Direct Trunked  
Termination Installation

\$377.81

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(F) Flexible Automatic Number  
Identification (Flex ANI)

- Per End Office, Per CIC

None

6.4.1(B)(1)

(G) ESALT Entrance Facility  
Protection- Per ESALT  
Entrance Facility

\$579.65

17.2.2 Local TransportMonthly  
RatePremium Access- Entrance Facility  
Per Termination

6.1.3(A)(1)

|                         |            |
|-------------------------|------------|
| - Voice Grade Two Wire  | \$ 28.01   |
| - Voice Grade Four Wire | \$ 44.83   |
| - High Capacity DS1     | \$ 136.58  |
| - High Capacity DS3     | \$1,247.13 |
| - Optical Channel OC3   | \$1,271.69 |
| - Optical Channel OC12  | \$1,357.76 |
| - ESALT 2 Mbps          | \$ 241.92  |
| - ESALT 10 Mbps         | \$ 260.75  |
| - ESALT 50 Mbps         | \$ 337.82  |

(N)

Transmittal No. 209

Issued: June 16, 2017

Effective: July 1, 2017

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)Monthly  
RateTariff  
Section  
Reference- Direct Trunked Transport

6.1.3(A)(2)

- Direct Trunked Facility  
Per Mile

|                        |           |
|------------------------|-----------|
| - Voice Grade          | \$ 2.00   |
| - High Capacity DS1    | \$ 9.35   |
| - High Capacity DS3    | \$ 81.52  |
| - Optical Channel OC3  | \$ 87.26  |
| - Optical Channel OC12 | \$ 109.52 |
| - Per DTF-E1 Facility  |           |
| ESALT 2 Mbps           | \$ 27.56  |
| ESALT 10 Mbps          | \$ 69.89  |
| ESALT 50 Mbps          | \$ 195.69 |
| - Per DTF-E2 Facility  |           |
| ESALT 2 Mbps           | \$ 18.38  |
| ESALT 10 Mbps          | \$ 41.94  |
| ESALT 50 Mbps          | \$ 130.47 |
| - Per DTF-E3 Facility  |           |
| ESALT 2 Mbps           | \$ 47.46  |
| ESALT 10 Mbps          | \$ 119.47 |
| ESALT 50 Mbps          | \$ 390.20 |
| - Per DTF-E4 Facility  |           |
| ESALT 2 Mbps           | \$ 79.48  |
| ESALT 10 Mbps          | \$ 245.05 |
| ESALT 50 Mbps          | \$ 695.41 |

- Direct Trunked Termination  
Per Termination

|                        |           |
|------------------------|-----------|
| - Voice Grade          | \$ 20.06  |
| - High Capacity DS1    | \$ 48.55  |
| - High Capacity DS3    | \$ 311.77 |
| - Optical Channel OC3  | \$ 324.63 |
| - Optical Channel OC12 | \$ 706.81 |
| - ESALT 2 Mbps         | \$ 64.32  |
| - ESALT 10 Mbps        | \$ 78.63  |
| - ESALT 50 Mbps        | \$ 96.10  |

(N)

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

| 17.2   | <u>Switched Access Service</u> (Cont'd)       | Monthly<br>Rate | Tariff<br>Section<br>Reference |
|--------|---|-----------------|--------------------------------|
| 17.2.2 | <u>Local Transport</u> (Cont'd)               |                 |                                |
|        | <u>Multiplexing</u>                           |                 |                                |
|        | Per Arrangement                               |                 | 6.1.3(A)(5)                    |
|        | - DS3 to DS1                                  | \$ 284.46       |                                |
|        | - DS1 to Voice                                | \$ 109.82       |                                |
|        | <u>Premium Access</u>                         |                 |                                |
| -      | <u>Tandem Switched Transport</u>              |                 | 6.1.3(A)(3)                    |
|        | - <u>Tandem Switched Facility</u>             | \$0.000257      |                                |
|        | Per Access Minute Per Mile                    |                 |                                |
| -      | <u>Tandem Switched Termination</u>            | \$0.001332      |                                |
|        | Per Access Minute                             |                 |                                |
|        | Per Termination                               |                 |                                |
| -      | <u>Tandem Switching</u>                       | \$0.003360      | 6.1.3(A)(3)                    |
|        | Per Access Minute                             |                 |                                |
|        | Per Tandem                                    |                 |                                |
| -      | <u>Network Blocking Per Blocked Call</u>      |                 |                                |
|        | Applies to FGD only                           | \$0.009782      | 6.8.6                          |
| -      | <u>800 Series Data Base Access Service</u>    |                 |                                |
|        | <u>Queries</u>                                |                 |                                |
|        | Per Query                                     |                 |                                |
|        | Basic   | \$0.003379      |                                |
|        | Vertical Feature                              | \$0.003735      |                                |
|        | <u>ESALT Real Time CoS/QoS</u>                |                 |                                |
|        | Per ESALT Direct Trunked Facility, Per Option |                 |                                |
|        | ESALT 2 Mbps                                  | \$ 5.26         |                                |
|        | ESALT 10 Mbps                                 | \$ 26.32        |                                |
|        | ESALT 50 Mbps                                 | \$ 81.92        |                                |
|        | <u>ESALT Entrance Facility Protection</u>     |                 |                                |
|        | Per ESALT Entrance Facility                   |                 |                                |
|        | ESALT 2 Mbps                                  | \$169.46        |                                |
|        | ESALT 10 Mbps                                 | \$169.46        |                                |
|        | ESALT 50 Mbps                                 | \$169.46        |                                |

(N)

(N)

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)Non-Premium Access (Cont'd)(A) Common Channel Signaling  
Network Connection(1) Signaling Network Access Link

|  | <u>Rate</u> |
|--|-------------|
| - Signaling Mileage<br>Facility per mile           | \$ 2.69     |
| - Signaling Mileage Termination<br>per Termination | \$ 27.00    |

Nonrecurring  
Charge

|   |          |          |
|---|----------|----------|
| - Signaling Entrance Facility<br>per Facility | \$ 51.70 | \$419.35 |
| (2) STP Port<br>per port                      | \$266.46 |          |

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff  
Section  
Reference(A) Local Switching  
Premium

|                                 |            |             |     |
|---------------------------------|------------|-------------|-----|
| - Per Originating Access Minute | \$0.025761 | 6.1.3(B)(1) |     |
| - Per Terminating Access Minute | \$0.000000 |             | (R) |

Non-Premium

|                                 |            |             |     |
|---------------------------------|------------|-------------|-----|
| - Per Originating Access Minute | \$0.011592 | 6.1.3(B)(1) |     |
| - Per Terminating Access Minute | \$0.000000 |             | (R) |

(B) Information Surcharge-Premium

|                                    |            |             |  |
|------------------------------------|------------|-------------|--|
| Per Originating 100 Access Minutes | \$0.031480 | 6.1.3(B)(2) |  |
| Per Terminating 100 Access Minutes | \$0.000000 |             |  |

-Non-Premium

|                                    |            |             |  |
|------------------------------------|------------|-------------|--|
| Per Originating 100 Access Minutes | \$0.014166 | 6.1.3(B)(2) |  |
| Per Terminating 100 Access Minutes | \$0.000000 |             |  |

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**ACCESS SERVICE**

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

(N)

Transmittal No. 209



**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.5 Assumed Minutes of UseAssumed  
Minutes  
Per MonthTariff  
Section  
Reference(A) Feature Group A,  
Two Way Calling  
(1510 Originating,  
2685 Terminating)

4195

6.5.4

(B) Feature Group A,  
Originating Only

1510

6.5.4

(C) Feature Group A,  
Terminating Only

2685

6.5.4

(D) Feature Group B,  
Two Way Calling  
(3132 Originating,  
5568 Terminating)

8700

6.6.4

(E) Feature Group B,  
Originating Only

3132

6.6.4

(F) Feature Group B,  
Terminating Only

5568

6.6.4

(N)

Transmittal No. 209

**ACCESS SERVICE**

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

The Telephone Company's Surcharge for Special Access Service rate may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.2 Metallic Service

Regulations concerning Metallic Service are set forth in Section 7.4 preceding.

|     |  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----|--|-------------------------|--------------------------------|
| (A) | Channel Termination<br>Per Termination         | ICB                     | ICB                            |
| (B) | Channel Mileage                                |                         |                                |
| (1) | Channel Mileage Facility<br>Per Mile           | ICB                     |                                |
| (2) | Channel Mileage Termination<br>Per Termination | ICB                     |                                |
| (C) | Optional Features and Functions                |                         |                                |
| (1) | Bridging                                       |                         |                                |
| (a) | Three Premises Bridging<br>Per Port            | ICB                     |                                |
| (b) | Series Bridging<br>Per Port                    | ICB                     |                                |
| (2) | DSL Access Service Connection                  |                         |                                |
| (a) | Per 10BASE-T                                   | ICB                     | ICB                            |
| (b) | Per 100BASE-T                                  | ICB                     | ICB                            |

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.3 Telegraph Grade Service

Regulations concerning Telegraph Grade Service are set forth in Section 7.5 preceding.

|   | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|---|-------------------------|--------------------------------|
| (A) Channel Termination Per Termination         |                         |                                |
| - Two-Wire                                      | ICB                     | ICB                            |
| - Four-Wire                                     | ICB                     | ICB                            |
| (B) Channel Mileage                             |                         |                                |
| (1) Channel Mileage Facility Per Mile           | ICB                     |                                |
| (2) Channel Mileage Termination Per Termination | ICB                     |                                |
| (C) Optional Features and Functions             |                         |                                |
| (1) Telegraph Bridging Per Port                 |                         |                                |
| - Two-Wire                                      | ICB                     |                                |
| - Four-Wire                                     | ICB                     |                                |

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.6 of the JSI Tariff F.C.C. No. 1.

|     |   | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |     |
|-----|---|-------------------------|--------------------------------|-----|
| (A) | Channel Termination<br>Per Termination            |                         |                                |     |
|     | - Two-Wire  | \$ 77.57 (R)            | \$442.02                       |     |
|     | - Four-Wire                                       | \$124.13 (R)            | \$442.02                       |     |
| (B) | Channel Mileage                                   |                         |                                |     |
| (1) | Channel Mileage<br>Facility<br>Per Mile           | \$ 5.55                 |                                | (R) |
| (2) | Channel Mileage<br>Termination<br>Per Termination | \$55.54                 |                                | (R) |
| (C) | Optional Features and<br>Functions                |                         |                                |     |
| (1) | Bridging  |                         |                                |     |
| (a) | <u>Voice Bridging</u><br>Per Port                 |                         |                                |     |
|     | Two-Wire/Four-Wire                                |                         |                                |     |
|     | - Two-Wire  | \$ 9.37                 |                                | (R) |
|     | - Four-Wire                                       | \$ 9.37                 |                                | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)Monthly  
Rate

## (C) Optional Features and Functions (Cont'd)

## (1) Bridging (Cont'd)

(b) Data Bridging  
Per Port

- Two-Wire \$9.37 (R)

- Four-Wire \$9.37 (R)

(c) Telephoto Bridging per port

- Two-Wire \$9.37 (R)

- Four-Wire \$9.37 (R)

Transmittal No. 232

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

|     |   | Monthly<br>Rate |     |
|-----|---|-----------------|-----|
| (C) | Optional Features and Functions (Cont'd)  |                 |     |
| (2) | Conditioning Per Termination  |                 |     |
|     | - C Type  | \$13.75         | (R) |
|     | - Improved Attenuation Distortion*  | None            |     |
|     | - Improved Envelope Delay Distortion*   | None            |     |
|     | - Data Capability   | \$12.21         | (R) |
|     | - Telephoto Capability  | \$12.96         | (R) |
|     | - Sealing Current   | None            |     |
| (3) | Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination |                 |     |
|     | - Two-Wire  | \$19.64         | (R) |
|     | - Four-Wire   | \$19.64         | (R) |
| (4) | Customer Specified Receive Level per two-wire termination                             | \$14.84         | (R) |

\* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

|     |  | Monthly<br>Rate |     |
|-----|--|-----------------|-----|
| (C) | Optional Features and Functions (Cont'd)   |                 |     |
| (5) | Multiplexing Per arrangement<br>Voice to Telegraph Grade                           | \$325.24        | (R) |
| (6) | Signaling Capability<br>Per termination  | \$ 31.45        | (R) |
| (7) | Selective Signaling Arrangement<br>Per arrangement                                 | \$ 9.37         | (R) |
| (8) | Transfer Arrangement<br>(key activated*<br>or dial up**)                           |                 |     |
| -   | Per four port arrangement<br>including control channel<br>termination***           | \$ 4.49         | (R) |
| -   | Per five port arrangement<br>including control channel<br>termination***           | \$ 10.29        | (R) |
| (9) | Public Packet Switching Network<br>(PPSN) Interface Arrangement Per<br>arrangement | ICB             |     |

ICB rates and charges are filed in Section 17.3.9 following.

\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.5 Program Audio Service

Regulations concerning Program Audio Service are set forth in Section 7.7 preceding.

|     |  | <u>Monthly<br/>Rate</u> | <u>Daily*<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |                    |
|-----|--|-------------------------|------------------------|--------------------------------|--------------------|
|     |  |                         |                        | <u>Monthly</u>                 | <u>Daily</u>       |
| (A) | Channel Termination<br>Per Termination         |                         |                        |                                |                    |
|     | - 200 to 3500 Hz                               | ICB                     | ICB                    | ICB                            | ICB                |
|     | - 100 to 5000 Hz                               | ICB                     | ICB                    | ICB                            | ICB                |
|     | - 50 to 8000 Hz                                | ICB                     | ICB                    | ICB                            | ICB                |
|     | - 50 to 15000 Hz                               | ICB                     | ICB                    | ICB                            | ICB                |
| (B) | Channel Mileage                                |                         |                        |                                |                    |
| (1) | Channel Mileage Facility<br>Per Mile           |                         | <u>Monthly Rate</u>    |                                | <u>Daily* Rate</u> |
|     | - 200 to 3500 Hz                               |                         | ICB                    |                                | ICB                |
|     | - 100 to 5000 Hz                               |                         | ICB                    |                                | ICB                |
|     | - 50 to 8000 Hz                                |                         | ICB                    |                                | ICB                |
|     | - 50 to 15000 Hz                               |                         | ICB                    |                                | ICB                |
| (2) | Channel Mileage Termination<br>Per Termination |                         |                        |                                |                    |
|     | - 200 to 3500 Hz                               |                         | ICB                    |                                | ICB                |
|     | - 100 to 5000 Hz                               |                         | ICB                    |                                | ICB                |
|     | - 50 to 8000 Hz                                |                         | ICB                    |                                | ICB                |
|     | - 50 to 15000 Hz                               |                         | ICB                    |                                | ICB                |

\* Daily Rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of the JSI Tariff F.C.C. No. 1.

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.5 Program Audio Service (Cont'd)

|     |  | <u>Monthly<br/>Rate</u> | <u>Daily*<br/>Rate</u> |
|-----|--|-------------------------|------------------------|
| (C) | Optional Features and Functions              |                         |                        |
| (1) | Bridging, Distribution<br>Amplifier Per Port | ICB                     | ICB                    |
| (2) | Gain Conditioning<br>per service             | ICB                     | ICB                    |
| (3) | Stereo per service                           | ICB                     | ICB                    |

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.6 Video Service

Regulations concerning Video Service are set forth in Section 7.8 preceding.

|     |   | Monthly<br><u>Rate</u> | Daily*<br><u>Rate</u> | <u>Nonrecurring<br/>Charge</u> |              |
|-----|---|------------------------|-----------------------|--------------------------------|--------------|
|     |   |                        |                       | <u>Monthly</u>                 | <u>Daily</u> |
| (A) | Channel Termination<br>Per Termination            |                        |                       |                                |              |
|     | - TV-1 or 2                                       | ICB                    | ICB                   | ICB                            | ICB          |
|     | - 4TV-5   | ICB                    | ICB                   | ICB                            | ICB          |
|     | - 6TV-5   | ICB                    | ICB                   | ICB                            | ICB          |
|     | - TV-15   | ICB                    | ICB                   | ICB                            | ICB          |
| (B) | Channel Mileage                                   |                        | <u>Monthly Rate</u>   | <u>Daily Rate*</u>             |              |
| (1) | Channel Mileage<br>Facility Per Mile              |                        |                       |                                |              |
|     | - All   |                        | ICB                   | ICB                            |              |
| (2) | Channel Mileage<br>Termination<br>Per Termination |                        |                       |                                |              |
|     | - All   |                        | ICB                   | ICB                            |              |

\* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of the JSI Tariff No. 1.

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.9 of the JSI Tariff No. 1.

| Monthly<br><u>Rate</u> | Nonrecurring<br><u>Charge</u> |
|------------------------|-------------------------------|
|------------------------|-------------------------------|

(A) Channel Termination  
Per Termination

|             |              |          |
|-------------|--------------|----------|
| - 2.4 kbps  | \$143.19 (R) | \$383.08 |
| - 4.8 kbps  | 143.19 (R)   | 383.08   |
| - 9.6 kbps  | 143.19 (R)   | 383.08   |
| - 19.2 kbps | 143.19 (R)   | 383.08   |
| - 56.0 kbps | 143.19 (R)   | 383.08   |
| - 64.0 kbps | 143.19 (R)   | 383.08   |

## (B) Channel Mileage

(1) Channel Mileage Facility  
Per Mile

|             |        |     |
|-------------|--------|-----|
| - 2.4 kbps  | \$5.27 | (R) |
| - 4.8 kbps  | 5.27   | (R) |
| - 9.6 kbps  | 5.27   | (R) |
| - 19.2 kbps | 5.27   | (R) |
| - 56.0 kbps | 7.45   | (R) |
| - 64.0 kbps | 7.45   | (R) |

(2) Channel Mileage Termination  
Per Termination

|             |         |     |
|-------------|---------|-----|
| - 2.4 kbps  | \$52.76 | (R) |
| - 4.8 kbps  | 52.76   | (R) |
| - 9.6 kbps  | 52.76   | (R) |
| - 19.2 kbps | 52.76   | (R) |
| - 56.0 kbps | 74.76   | (R) |
| - 64.0 kbps | 74.76   | (R) |

Transmittal No. 232

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

|     |  | Monthly<br>Rate |     |
|-----|--|-----------------|-----|
| (C) | Optional Features and Functions  |                 |     |
| (1) | Bridging Per port  | \$12.61         | (R) |
| (2) | Loop Transfer Arrangement<br>Per four port arrangement*<br>Key activated** or Dial-Up*** | \$ 8.93         | (R) |
| (3) | Public Packet Switching<br>Network Interface Arrangement                                 |                 |     |
|     | - Per 9.6 kbps arrangement   | ICB             |     |
|     | - Per 56.0 kbps arrangement  | ICB             |     |
| (D) | Channel Service Unit Per Termination****   |                 |     |
|     | - 2.4 kbps   | \$44.65         | (R) |
|     | - 4.8 kbps   | 44.65           | (R) |
|     | - 9.6 kbps   | 44.65           | (R) |
|     | - 56.0 kbps  | 44.65           | (R) |

\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center. ICB Rates and Charges are filed in Section 17.3.9 following.

\*\* The key activated control channel is rated as a metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-Up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

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Issued: June 16, 2020

Effective: July 1, 2020

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.10 of the JSI Tariff F.C.C. No. 1.

|  | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |     |
|--|---------------------|----------------------------|-----|
| (A) Channel Termination<br>Per Termination         |                     |                            |     |
| - DS1 1.544 Mbps                                   | \$ 357.00 (R)       | \$324.15                   |     |
| - DS1C 3.152 Mbps                                  | ICB                 | ICB                        |     |
| - DS2 6.312 Mbps                                   | ICB                 | ICB                        |     |
| - DS3 44.736 Mbps                                  | \$2,943.30 (R)      | \$437.11                   |     |
| - DS4 274.176 Mbps                                 | ICB                 | ICB                        |     |
| (B) Channel Mileage                                |                     |                            |     |
|  | <u>Monthly Rate</u> |                            |     |
| (1) Channel Mileage Facility<br>Per Mile           |                     |                            |     |
| - 1.544 Mbps                                       | \$ 22.10            |                            | (R) |
| - 3.152 Mbps                                       | ICB                 |                            |     |
| - 6.312 Mbps                                       | ICB                 |                            |     |
| - 44.736 Mbps                                      | \$192.39            |                            | (R) |
| - 274.176 Mbps                                     | ICB                 |                            |     |
| (2) Channel Mileage Termination<br>Per Termination |                     |                            |     |
| - 1.544 Mbps                                       | \$114.59            |                            | (R) |
| - 3.152 Mbps                                       | ICB                 |                            |     |
| - 6.312 Mbps                                       | ICB                 |                            |     |
| - 44.736 Mbps                                      | \$735.82            |                            | (R) |
| - 274.176 Mbps                                     | ICB                 |                            |     |

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

| (C) | Term Discounts                    | <u>Percentage</u>   |     |
|-----|-----------------------------------|---------------------|-----|
|     | DS1 and DS3 services              |                     |     |
|     | 36 months                         | 10%                 |     |
|     | 60 months                         | 20%                 |     |
|     |                                   | <u>Monthly Rate</u> |     |
| (D) | Optional Features and Functions   |                     |     |
|     | (1) Multiplexing, per arrangement |                     |     |
|     | DS4 to DS1                        | ICB                 |     |
|     | DS3 to DS1                        | \$681.99            | (R) |
|     | DS2 to DS1                        | ICB                 |     |
|     | DS1C to DS1                       | ICB                 |     |
|     | DS1 to Voice*                     | 281.46              | (R) |
|     | DS1 to DSO                        | 281.46              | (R) |
|     | DSO to Subrates                   |                     |     |
|     | - Up to 20 2.4 kbps services      | \$672.91            | (R) |
|     | - Up to 10 4.8 kbps services      | 457.25              | (R) |
|     | - Up to 5 9.6 kbps services       | 405.47              | (R) |

\* A channel of this DS1 to the Hub can be used for Digital Data service.  
ICB rates and charges are filed in Section 17.3.9 following.

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Issued: June 16, 2020

Effective: July 1, 2020

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

|     |   | Monthly<br>Rate | Nonrecurring<br>Charge |
|-----|---|-----------------|------------------------|
| (D) | Optional Features and Functions (Cont'd)  |                 |                        |
| (2) | Automatic Loop Transfer<br>Per arrangement*   | \$227.17        | (R)                    |
| (3) | Transfer Arrangement<br>(key activated** or dial up***)<br>Per four port arrangement including<br>control channel termination**** | \$247.61        | (R)                    |
| (E) | Network Channel Terminating<br>Equipment (NCTE) Per termination#  |                 |                        |
|     | - 1.544 Mbps  | \$128.84        | (R)                    |
|     | - Automatic Loop Transfer   | 517.65          | (R)                    |
| (F) | DSL Access Service Connection   |                 |                        |
|     | - per 1.544 Mbps  | \$ 360.11       | (R) \$442.02           |
|     | - per 44.736 Mbps   | 2,500.79        | (R) 638.47             |

\* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

\*\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

# NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

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Issued: June 16, 2020

Effective: July 1, 2020

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**ACCESS SERVICE**

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.10 Synchronous Optical Channel Service

Regulations concerning Synchronous Optical Channel Service are set forth in 7.11 preceding.

|     |  | Monthly<br><u>Rate</u> | Nonrecurring<br><u>Charge</u> |          |
|-----|--|------------------------|-------------------------------|----------|
| (A) | Channel Termination<br>Per Termination         |                        |                               |          |
|     | - OC3/OC3c 155.520 Mbps                        | \$3,005.16             | (R)                           | \$353.62 |
|     | - OC12 622.08 Mbps                             | \$3,755.72             | (R)                           | \$353.62 |
| (B) | Channel Mileage Facility<br>Per Mile           |                        |                               |          |
|     | - OC3/OC3c 155.52 Mbps                         | \$ 206.21              |                               | (R)      |
|     | - OC12 622.08 Mbps                             | \$ 258.83              |                               | (R)      |
| (C) | Channel Mileage Termination<br>Per Termination |                        |                               |          |
|     | - OC3/OC3c 155.52 Mbps                         | \$ 767.11              |                               | (R)      |
|     | - OC12 622.08 Mbps                             | \$1,670.25             |                               | (R)      |

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.10 Synchronous Optical Channel Service (Cont'd)

## (D) Optional Features and Functions

|     |  |        |      | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |          |
|-----|--|--------|------|-------------------------|--------------------------------|----------|
| (1) | Customer Node<br>Per Node                                |        |      |                         |                                |          |
|     | - OC3/OC3c   | 155.52 | Mbps | \$ 697.82               | (R)                            | \$628.65 |
|     | - OC12   | 622.08 | Mbps | \$2,015.89              | (R)                            | \$628.65 |
|     | Customer Premises Port<br>Per Port                       |        |      |                         |                                |          |
|     | - OC3/OC3c   | 155.52 | Mbps | \$ 268.00               | (R)                            | \$628.65 |
|     | - STS-1  | 51.84  | Mbps | 274.92                  | (R)                            | \$628.65 |
|     | - DS3  | 44.736 | Mbps | 274.92                  | (R)                            | \$628.65 |
|     | - DS1  | 1.544  | Mbps | \$ 70.47                | (R)                            | \$628.65 |
| (2) | Add/Drop Multiplexing<br>Central Office Port<br>Per Port |        |      |                         |                                |          |
|     | - OC3/OC3c   | 155.52 | Mbps | \$ 268.00               |                                | (R)      |
|     | - DS3  | 44.736 | Mbps | 140.96                  |                                | (R)      |
|     | - DS1  | 1.544  | Mbps | \$ 56.39                |                                | (R)      |

## (E) DSL Access Service Connection

|                |            |     |            |
|----------------|------------|-----|------------|
| - Per OC3/OC3c | \$4,381.36 | (R) | \$1,178.72 |
|----------------|------------|-----|------------|

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services17.4.1 Access Ordering

|  | <u>Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---------------|---|
| (A) <u>Access Order Charge</u>   |               |   |
| Per order  | \$ 86.00      | 5.4.1                                   |
| (B) <u>Service Date Change Charge</u>  |               |   |
| A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 17.4.1(A) preceding does not apply. The applicable charge is: |               |   |
| Service Date Change Charge, per order  | \$ 60.00      | 5.4.3                                   |
| (C) <u>Design Change Charge</u>  |               |   |
| The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change. The applicable charge is:   |               |   |
| Design Change Charge, per order  | \$ 84.00      | 5.4.3                                   |
| (D) <u>Miscellaneous Service Order Charge</u>  |               |   |
| Per Occurrence   | \$123.00      | 5.4.2                                   |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.2 Additional Engineering

| <u>Additional Engineering<br/>Periods</u> |   | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|---|---|---|
| (A)                                       | Basic Time per engineer<br>normally scheduled<br>working hours          | \$31.03   | 13.1                                    |
| (B)                                       | Overtime per engineer<br>outside of normally<br>scheduled working hours | \$46.55   | 13.1                                    |
| (C)                                       | Premium Time per engineer<br>outside of scheduled work day.             | \$62.06   | 13.1                                    |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor

| <u>Additional Labor<br/>Periods</u> |  | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-------------------------------------|--|---|---|
| (A) Installation or Repair          |  |   |   |
| -                                   | Overtime,<br>outside of normally<br>scheduled working<br>hours on a scheduled<br>work day,<br>per technician | \$47.57*  | 13.2.1 &<br>13.2.2                      |
| -                                   | Premium Time,<br>outside of scheduled<br>work day,<br>per technician   | \$63.42*  | 13.2.1 &<br>13.2.2                      |
| (B) Stand by                        |  |   |   |
| -                                   | Basic time,<br>normally scheduled<br>working hours,<br>per technician  | \$21.18   | 13.2.3                                  |
| -                                   | Overtime,<br>outside of normally<br>scheduled working<br>hours on a scheduled<br>work day<br>per technician  | \$31.77   | 13.2.3                                  |
| -                                   | Premium Time,<br>outside of scheduled<br>work day,<br>per technician   | \$42.36   | 13.2.3                                  |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor (Cont'd)

|     |  | <u>Each Half Hour or Fraction Thereof</u>         |  |   |
|-----|--|---|--|---|
|     | <u>Additional Labor<br/>Periods</u>  | <u>Installation<br/>and Repair<br/>Technician</u> | <u>Central Office<br/>Maintenance<br/>Technician</u> | <u>Tariff<br/>Section<br/>Reference</u> |
| (C) | Testing and Maintenance with<br>other Telephone Companies, or<br>Other Labor |   |  |   |
| -   | Basic Time per technician  | \$31.71   | \$34.66  | 13.2.4 &<br>13.2.5                      |
| -   | normally scheduled working hours   |   |  |   |
| -   | Overtime per technician  | \$47.57   | \$51.99  | 13.2.4 &<br>13.2.5                      |
| -   | outside of normally scheduled<br>working hours on a scheduled<br>work day    |   |  |   |
| -   | Premium Time per technician  | \$63.42   | \$69.32  | 13.2.4 &<br>13.2.5                      |
| -   | outside of scheduled work day  |   |  |   |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services(A) Additional Cooperative Acceptance Testing  
- Switched Access

| <u>Testing Periods</u>                     | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u>                               | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---|---|
| Basic Time, Overtime*<br>and Premium Time* | See the rates<br>for Additional<br>Labor as set<br>forth in 17.4.3(C)<br>preceding. | 13.3.1(A)(1)                            |

(B) Additional Automatic Testing - Switched AccessTo First Point  
of Switching

## Additional Tests

|                         | <u>Per Test Per<br/>Transmission Path</u> |              |
|-------------------------|---|--------------|
| Gain-Slope Tests        | \$2.89                                    | 13.3.1(A)(2) |
| C-Notched Noise Tests   | \$2.89                                    | 13.3.1(A)(2) |
| 1004 Hz Loss**          | \$2.89                                    | 13.3.1(A)(2) |
| C-Message Noise**       | \$2.89                                    | 13.3.1(A)(2) |
| Balance (return loss)** | \$2.89                                    | 13.3.1(A)(2) |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

\*\* 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests; however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein apply.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(C) Additional Manual Testing - Switched AccessTo First Point  
of Switching

Additional Tests

Each Half Hour  
or Fraction  
ThereofTariff  
Section  
ReferenceGain-Slope,  
C-Notched Noise and  
any other agreed to  
tests, per technician  
forth in 17.4.3(C)  
precedingSee the rates  
for Additional  
Labor as set

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing  
- Special AccessTesting PeriodsEach Half  
Hour or  
Fraction  
ThereofTariff  
Section  
ReferenceBasic Time, Overtime\*  
and Premium Time\*See the rates  
for Additional  
Labor as set  
forth in 17.4.3(C)  
preceding.

13.3.1(B)(1)

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(E) Additional Manual Testing - Special Access

| <u>Testing Periods</u>                     | Each Half<br>Hour or<br>Fraction<br>Thereof   | Tariff<br>Section<br>Reference |
|--|---|--------------------------------|
| Basic Time, Overtime*<br>and Premium Time* | See the<br>rates for<br>Additional<br>Labor as<br>set forth in<br>17.4.3(C)<br>preceding. | 13.3.1(B)(2)                   |

(F) Maintenance of Service

| <u>Maintenance of Service<br/>Periods</u>  | Each Half<br>Hour or<br>Fraction<br>Thereof  | Tariff<br>Section<br>Reference |
|--|--|--------------------------------|
| Basic Time, Overtime*<br>and Premium Time* | See the<br>rates for<br>Additional<br>Labor as set forth<br>in 17.4.3(C)<br>preceding. | 13.3.2                         |

(G) Restoration Priority

| <u>Nonrecurring Charge</u> | Tariff<br>Section<br>Reference |
|----------------------------|--------------------------------|
|----------------------------|--------------------------------|

|                      |         |        |
|----------------------|---------|--------|
| Per service arranged | \$54.63 | 13.3.3 |
|----------------------|---------|--------|

(H) Controller Arrangement

| <u>Monthly<br/>Rate</u> | Tariff<br>Section<br>Reference |
|-------------------------|--------------------------------|
| Per Arrangement         | \$100.00 13.3.4(A)             |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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Issued: June 16, 2017

Effective: July 1, 2017

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

| (I) | <u>Presubscribed Interexchange<br/>Carrier (PIC) Change Charge*</u>   | <u>Nonrecurring Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-----|---|----------------------------|---|
|     | Per Telephone Exchange<br>Service line or trunk for each<br>interLATA PIC Change:   |                            | 13.4(J)                                 |
|     | (1) Submitted using manual methods  | \$ 5.50                    |   |
|     | (2) Submitted using electronic methods  | \$ 1.25                    |   |
|     | (3) Submitted using manual methods<br>when both the interLATA PIC<br>and intraLATA PIC selections<br>are changed simultaneously     | \$ 2.75                    |   |
|     | (4) Submitted using electronic<br>methods when both the interLATA<br>PIC and intraLATA PIC selections<br>are changed simultaneously | \$ 0.63                    |   |
| (J) | <u>Blocking Service**</u>   |                            |   |
|     | Per exchange service line<br>or trunk and/or per Feature<br>Group A Switched Access line  | \$ 11.20                   | 13.8                                    |

\* This charge is generally billed to the end user who is the subscriber to the Telephone Exchange Service. In those instances where the IC both requests the presubscription change, and requests the associated charge be billed to it, the Telephone Company will bill the IC. In the event the subscriber is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event the subscriber denies requesting a presubscription change, the Telephone Company will credit the subscriber's account for the presubscription change charge associated with the alleged unauthorized change, if such charge was billed to the subscriber. The Telephone Company will then bill the IC responsible for the alleged unauthorized change a presubscription change charge to return the subscriber to its previous authorized carrier and, if initially billed to the subscriber, the presubscription change charge for the alleged unauthorized change.

\*\* Blocking access to 900 Service is offered to all subscribers at no charge at the time telephone service is established at a new number and for 60 days thereafter.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(K) Billing Name and Address Service

|   |   | <u>Nonrecurring<br/>Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|---|--------------------------------|---|
| - | Per BNA Order   | \$50.94                        | 13.9.4(A)                               |
| - | Per BNA Record  | \$ 0.33                        | 13.9.4(A)                               |
| - | Optional Magnetic<br>Tape Charge - Per<br>Magnetic Tape | \$91.44                        | 13.9.4(B)                               |
| - | Optional Format<br>Programming Charge<br>- Per Hour     | \$37.20                        | 13.9.4(C)                               |

(L) Originating Line  
Screening (OLS) Service

|   |                           |         |       |
|---|---------------------------|---------|-------|
| - | Per Exchange service line | \$ 7.95 | 13.10 |
|---|---------------------------|---------|-------|

(M) Coin Supervision  
Additive Service

|   |                           | <u>Monthly<br/>Rate</u> |       |
|---|---------------------------|-------------------------|-------|
| - | Per exchange service line | \$ 2.21                 | 13.12 |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(N) Access Recovery Charge (ARC)

Regulations concerning the Access Recovery Charge are set forth in Section 13.16 preceding.

## (1) Residential ARC

Per line or trunk assessed a  
Residence End User Common Line \$0.00 per month

## (2) Single Line Business ARC

Per line or trunk assessed a  
Single Line Business  
End User Common Line \$3.00 per month

## (3) Multiline Business ARC

Per line or trunk assessed a  
Multiline Business  
End User Common Line \$3.00 per month

(N)

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.5 Special Federal Government Access Services

|     |   |                             |                                 |                                |
|-----|---|-----------------------------|---------------------------------|--------------------------------|
| (A) | Voice Grade Secure                                  | Monthly                     | Nonrecurring                    | Termination                    |
|     | <u>Communications</u>                               | <u>Rate</u>                 | <u>Charges</u>                  | <u>Charges</u>                 |
|     | Type I, each<br>T-3 Conditioning,                   | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
|     | Type II, each<br>G-1 Conditioning,                  | ICB rates and charges apply |                                 |                                |
|     | Type III, each<br>G-2 Conditioning,                 | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
|     | Type IV, each<br>G-3 Conditioning,                  | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
| (B) | Wideband Digital Special Access Service             |                             |                                 |                                |
|     | Wideband Secure<br><u>Communications</u>            | <u>Monthly<br/>Rates</u>    | <u>Nonrecurring<br/>Charges</u> | <u>Termination<br/>Charges</u> |
|     | Type I, each  | ICB rates and charges apply |                                 |                                |
|     | Type II, each                                       | ICB rates and charges apply |                                 |                                |
|     | Type III, each                                      | ICB rates and charges apply |                                 |                                |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.6 Special Facilities Routing of Access Services(A) Diversity

For each service provided in accordance with 11.1.1, the rates and charges will be developed on an individual case basis.

None

(B) Avoidance

For each service provided in accordance with 11.1.2, the rates and charges will be developed on an individual case basis.

None

(C) Diversity and Avoidance Combined

For each service provided in accordance with 11.1.1 and 11.1.2, combined, the rates and charges will be developed on an individual case basis.

None

(D) Cable-Only Facilities

For each service provided in accordance with 11.1.4, the rates and charges will be developed on an individual case basis.

None

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

17.4 Other Services (Cont'd)

17.4.7 Specialized Service or Arrangements

Specialized Service or Arrangements are provided  
on an individual case basis as set forth following:

None

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network17.4.8.1 Frame Relay Access Service

Regulations concerning Frame Relay Access Service are set forth in Section 16.1 preceding.

|  | Monthly<br><u>Rate</u> | Nonrecurring<br><u>Charge</u> |     |
|--|------------------------|-------------------------------|-----|
| (A) Connections  |                        |                               |     |
| (1) <u>Frame Relay Access<br/>Connection (FRAC)</u><br>(per FRAC)        |                        |                               |     |
| 56.0 kbps  | \$ 247.04 (R)          | \$345.00                      |     |
| 64.0 kbps  | \$ 247.04 (R)          | \$345.00                      |     |
| 1.544 Mbps   | \$ 525.46 (R)          | \$345.00                      |     |
| 44.736 Mbps  | \$3,900.04 (R)         | \$345.00                      |     |
| (2) <u>Frame Relay Inter-network<br/>Connection (FRIC)</u><br>(per FRIC) |                        |                               |     |
| 1.544 Mbps   | \$ 525.46 (R)          | \$345.00                      |     |
| 44.736 Mbps  | \$3,900.04 (R)         | \$345.00                      |     |
| (3) <u>End User Port - Standard</u><br>(per port)                        |                        |                               |     |
| 56.0 kbps  | \$ 100.73              |                               | (R) |
| 64.0 kbps  | \$ 100.73              |                               | (R) |
| 1.544 Mbps   | \$ 234.56              |                               | (R) |
| 44.736 Mbps  | \$1,786.59             |                               | (R) |
| (4) <u>Access Customer Port</u><br>(per port)                            |                        |                               |     |
| 1.544 Mbps   | \$ 234.56              |                               | (R) |
| 44.736 Mbps  | \$1,786.59             |                               | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.1 Frame Relay Access Service (Cont'd)

## (A) Connections (Cont'd)

| (5) <u>Term Discounts</u> | <u>Percentage</u> |
|---------------------------|-------------------|
| 36 months                 | 10%               |
| 60 months                 | 20%               |

(6) Permanent Virtual Connections (PVCs)

## (a) Standard

| <u>CIR</u> | <u>Monthly Rate</u> |     |
|------------|---------------------|-----|
| 8 kbps     | \$7.20              | (R) |
| 16 kbps    | \$7.20              | (R) |
| 28 kbps    | \$8.62              | (R) |
| 32 kbps    | \$8.62              | (R) |
| 56 kbps    | \$10.08             | (R) |
| 64 kbps    | \$10.08             | (R) |
| 128 kbps   | \$12.92             | (R) |
| 192 kbps   | \$17.27             | (R) |
| 256 kbps   | \$20.15             | (R) |
| 384 kbps   | \$28.79             | (R) |
| 512 kbps   | \$40.29             | (R) |
| 768 kbps   | \$51.81             | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.1 Frame Relay Access Service (Cont'd)

## (A) Connections (Cont'd)

(6) Permanent Virtual Connections (PVCs) (Cont'd)

## (b) Extended

| <u>CIR</u> | <u>Monthly Rate</u> |     |
|------------|---------------------|-----|
| 8 kbps     | \$8.62              | (R) |
| 16 kbps    | \$8.62              | (R) |
| 28 kbps    | \$10.93             | (R) |
| 32 kbps    | \$10.93             | (R) |
| 56 kbps    | \$21.35             | (R) |
| 64 kbps    | \$21.35             | (R) |
| 128 kbps   | \$46.76             | (R) |
| 192 kbps   | \$62.94             | (R) |
| 256 kbps   | \$83.71             | (R) |
| 384 kbps   | \$134.05            | (R) |
| 512 kbps   | \$167.44            | (R) |
| 768 kbps   | \$250.65            | (R) |

Nonrecurring  
Charge

(7) PVC Installation Charge \$62.87

(8) PVC Rearrangement Charge \$31.43

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS)

Regulations concerning Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) are set forth in Section 16.7, preceding.

(A) Ports

## (1) Per Basic UNI or NNI Port

| <u>Port Speed</u>   | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|---------------------|-------------------------|-----|--------------------------------|
| 1.544 Mbps (DS1)    | \$ 643.12               | (R) | \$ 383.08                      |
| 44.736 Mbps (DS3)   | \$3,572.76              | (R) | \$ 383.08                      |
| 155.520 Mbps (OC3)  | \$5,536.07              | (R) | \$ 383.08                      |
| 622.080 Mbps (OC12) | \$8,035.86              | (R) | \$ 383.08                      |

## (2) Per Ethernet-based UNI or NNI Port

| <u>Port Speed</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-------------------|-------------------------|-----|--------------------------------|
| 10 Mbps           | \$ 990.53               | (R) | \$1,748.44                     |
| 100 Mbps          | \$1,869.29              | (R) | \$1,748.44                     |
| 1 Gbps            | \$3,614.77              | (R) | \$3,175.67                     |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) (Cont'd)(B) Virtual Paths(1) Path Charge  
Per Path

| <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|---------------------|-----|----------------------------|
| \$7.20              | (R) | \$62.87                    |

(2) Capacity charge, per Megabit of capacity  
Per PathTraffic Routing Prioritization Parameter

| <u>Path Size</u> | <u>CBR</u>  | <u>VBR-rt</u> | <u>VBR-nrt</u> | <u>UBR</u>  |
|------------------|-------------|---------------|----------------|-------------|
| 1 to 50 Mbps     | \$41.38 (R) | \$33.10 (R)   | \$24.84 (R)    | \$20.69 (R) |
| 51 to 150 Mbps   | \$37.24 (R) | \$28.96 (R)   | \$20.69 (R)    | \$16.55 (R) |
| Over 150 Mbps    | \$28.96 (R) | \$20.69 (R)   | \$16.55 (R)    | \$12.40 (R) |

(C) Virtual Circuit Channels

## Per Virtual Circuit Channel

| <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|---------------------|----------------------------|
| \$7.09 (R)          | \$62.87                    |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) (Cont'd)(D) Optional Features and Functions

## (1) DSL Access Service Connection

## (a) Per Basic UNI or NNI Port

| <u>Port Speed</u>   | <u>Nonrecurring Charge</u> |
|---------------------|----------------------------|
| 1.544 Mbps (DS1)    | \$442.02                   |
| 44.736 Mbps (DS3)   | \$638.47                   |
| 155.520 Mbps (OC3)  | \$1,178.72                 |
| 622.080 Mbps (OC12) | \$1,579.49                 |

## (b) Per Ethernet-based UNI or NNI Port

| <u>Port Speed</u> | <u>Nonrecurring Charge</u> |
|-------------------|----------------------------|
| 10 Mbps           | \$442.02                   |
| 100 Mbps          | \$638.47                   |
| 1 Gbps            | \$1,579.49                 |

## (c) Per 1 Mbps DSL VCC

| <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|---------------------|----------------------------|
| \$42.44 (R)         | \$62.87                    |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) (Cont'd)(D) Optional Features and Functions (Cont'd)

## (1) DSL Access Service Connection (Cont'd)

## (d) Per MM-VCC

|                      | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|----------------------|---------------------|----------------------------|
| Per 1 Mbps increment | \$2.73 (R)          | \$6.88                     |
| Per 4 Mbps increment | \$5.28 (R)          |                            |

## (e) Per MM-VCC Design Change

| <u>Nonrecurring Charge</u> |
|----------------------------|
| \$5.89                     |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS)

Regulations concerning Ethernet Transport Service (ETS) are set forth in Section 16.4, preceding.

(A) ETS Channel Terminations

- (1) Per termination when customer designated premises located within 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$ 78.18            | (R) | \$289.77                   |
| 5 Mbps          | \$ 95.93            | (R) | \$289.77                   |
| 10 Mbps         | \$ 110.80           | (R) | \$289.77                   |
| 20 Mbps         | \$ 121.63           | (R) | \$289.77                   |
| 50 Mbps         | \$ 140.63           | (R) | \$289.77                   |
| 100 Mbps        | \$ 156.25           | (R) | \$289.77                   |
| 250 Mbps        | \$ 222.53           | (R) | \$289.77                   |
| 500 Mbps        | \$ 291.67           | (R) | \$434.16                   |
| 750 Mbps        | \$ 338.93           | (R) | \$434.16                   |
| 1 Gbps          | \$ 388.00           | (R) | \$434.16                   |
| 2.5 Gbps        | \$ 749.96           | (R) | \$434.16                   |
| 5 Gbps          | \$1,138.67          | (R) | \$434.16                   |
| 10 Gbps         | \$1,554.82          | (R) | \$434.16                   |

- (2) Per termination when customer designated premises located more than 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$ 295.47           | (R) | \$289.77                   |
| 5 Mbps          | \$ 298.72           | (R) | \$289.77                   |
| 10 Mbps         | \$ 302.97           | (R) | \$289.77                   |
| 20 Mbps         | \$ 342.75           | (R) | \$289.77                   |
| 50 Mbps         | \$ 387.45           | (R) | \$289.77                   |
| 100 Mbps        | \$ 405.43           | (R) | \$289.77                   |
| 250 Mbps        | \$ 423.41           | (R) | \$289.77                   |
| 500 Mbps        | \$ 560.14           | (R) | \$434.16                   |
| 750 Mbps        | \$ 644.33           | (R) | \$434.16                   |
| 1 Gbps          | \$ 746.84           | (R) | \$434.16                   |
| 2.5 Gbps        | \$1,440.99          | (R) | \$434.16                   |
| 5 Gbps          | \$2,188.55          | (R) | \$434.16                   |
| 10 Gbps         | \$2,990.17          | (R) | \$434.16                   |

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Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770



**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(B) Ports

## (1) Per ETS Basic Port

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 106.99               | (R) | \$254.41                       |
| 5 Mbps          | \$ 118.45               | (R) | \$254.41                       |
| 10 Mbps         | \$ 130.81               | (R) | \$254.41                       |
| 20 Mbps         | \$ 145.33               | (R) | \$254.41                       |
| 50 Mbps         | \$ 154.03               | (R) | \$254.41                       |
| 100 Mbps        | \$ 168.04               | (R) | \$254.41                       |
| 250 Mbps        | \$ 231.96               | (R) | \$254.41                       |
| 500 Mbps        | \$ 294.09               | (R) | \$381.12                       |
| 750 Mbps        | \$ 371.88               | (R) | \$381.12                       |
| 1 Gbps          | \$ 448.12               | (R) | \$381.12                       |
| 2.5 Gbps        | \$ 860.66               | (R) | \$381.12                       |
| 5 Gbps          | \$1,308.20              | (R) | \$381.12                       |
| 10 Gbps         | \$1,790.18              | (R) | \$381.12                       |

## (2) Per ETS Interconnection Port

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 44.736 Mbps     | \$1,744.03              | (R) | \$171.90                       |
| 155.52 Mbps     | \$2,092.84              | (R) | \$257.35                       |
| 622.08 Mbps     | \$3,488.07              | (R) | \$257.35                       |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs)

## (1) Per Intraswitch ETS EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|--------------------------------|
| 5 Mbps          | \$0.00                  | \$201.36                       |
| 10 Mbps         | \$0.00                  | \$201.36                       |
| 20 Mbps         | \$0.00                  | \$201.36                       |
| 50 Mbps         | \$0.00                  | \$201.36                       |
| 100 Mbps        | \$0.00                  | \$201.36                       |
| 250 Mbps        | \$0.00                  | \$201.36                       |
| 500 Mbps        | \$0.00                  | \$301.56                       |
| 750 Mbps        | \$0.00                  | \$301.56                       |
| 1 Gbps          | \$0.00                  | \$301.56                       |

## (2) Per Interswitch ETS EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|--------------------------------|
| 2 Mbps          | \$ 45.87 (R)            | \$201.36                       |
| 5 Mbps          | \$ 62.00 (R)            | \$201.36                       |
| 10 Mbps         | \$ 116.26 (R)           | \$201.36                       |
| 20 Mbps         | \$ 232.53 (R)           | \$201.36                       |
| 50 Mbps         | \$ 313.68 (R)           | \$201.36                       |
| 100 Mbps        | \$ 500.38 (R)           | \$201.36                       |
| 250 Mbps        | \$ 1,030.93 (R)         | \$201.36                       |
| 500 Mbps        | \$ 1,717.75 (R)         | \$301.56                       |
| 750 Mbps        | \$ 2,282.76 (R)         | \$301.56                       |
| 1 Gbps          | \$ 2,987.39 (R)         | \$301.56                       |
| 2.5 Gbps        | \$ 5,754.13 (R)         | \$301.56                       |
| 5 Gbps          | \$ 8,744.31 (R)         | \$301.56                       |
| 10 Gbps         | \$11,960.73 (R)         | \$301.56                       |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(D) ETS Extended Ethernet Virtual Connections (E-EVCs)

## Per ETS E-EVC

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$30.57             | (R) | \$402.73                   |
| 5 Mbps          | \$38.74             | (R) | \$402.73                   |
| 10 Mbps         | \$69.76             | (R) | \$402.73                   |
| 20 Mbps         | \$139.52            | (R) | \$402.73                   |
| 50 Mbps         | \$209.12            | (R) | \$402.73                   |
| 100 Mbps        | \$336.09            | (R) | \$402.73                   |
| 250 Mbps        | \$699.56            | (R) | \$402.73                   |
| 500 Mbps        | \$1,082.94          | (R) | \$604.09                   |
| 750 Mbps        | \$1,472.76          | (R) | \$604.09                   |
| 1 Gbps          | \$1,867.11          | (R) | \$604.09                   |
| 2.5 Gbps        | \$3,600.02          | (R) | \$604.09                   |
| 5 Gbps          | \$5,468.88          | (R) | \$604.09                   |
| 10 Gbps         | \$7,475.45          | (R) | \$604.09                   |

(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)

- (1) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to fifty miles.

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$67.80             | (R) | \$402.73                   |
| 5 Mbps          | \$88.00             | (R) | \$402.73                   |
| 10 Mbps         | \$170.67            | (R) | \$402.73                   |
| 20 Mbps         | \$324.20            | (R) | \$402.73                   |
| 50 Mbps         | \$537.05            | (R) | \$402.73                   |
| 100 Mbps        | \$758.63            | (R) | \$402.73                   |
| 250 Mbps        | \$1,726.33          | (R) | \$402.73                   |
| 500 Mbps        | \$2,365.14          | (R) | \$604.09                   |
| 750 Mbps        | \$3,172.71          | (R) | \$604.09                   |
| 1 Gbps          | \$4,016.28          | (R) | \$604.09                   |
| 2.5 Gbps        | \$7,730.50          | (R) | \$604.09                   |
| 5 Gbps          | \$11,748.45         | (R) | \$604.09                   |
| 10 Gbps         | \$16,063.04         | (R) | \$604.09                   |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)  
(Cont'd)

(2) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is between fifty-one and seventy-five miles.

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$113.54            | (R) | \$402.73                   |
| 5 Mbps          | \$179.75            | (R) | \$402.73                   |
| 10 Mbps         | \$350.05            | (R) | \$402.73                   |
| 20 Mbps         | \$473.04            | (R) | \$402.73                   |
| 50 Mbps         | \$957.14            | (R) | \$402.73                   |
| 100 Mbps        | \$1,166.79          | (R) | \$402.73                   |
| 250 Mbps        | \$2,023.66          | (R) | \$402.73                   |
| 500 Mbps        | \$2,771.13          | (R) | \$604.09                   |
| 750 Mbps        | \$3,728.25          | (R) | \$604.09                   |
| 1 Gbps          | \$4,485.20          | (R) | \$604.09                   |
| 2.5 Gbps        | \$9,126.53          | (R) | \$604.09                   |
| 5 Gbps          | \$13,864.29         | (R) | \$604.09                   |
| 10 Gbps         | \$18,959.80         | (R) | \$604.09                   |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions

## (1) DSL Access Service Connection

## (a) Per ETS Basic Port equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |     |
|-----------------|----------------------------|-----|
| 2 Mbps          | \$147.34                   | (R) |
| 5 Mbps          | \$147.34                   | (R) |
| 10 Mbps         | \$147.34                   | (R) |
| 20 Mbps         | \$147.34                   | (R) |
| 50 Mbps         | \$147.34                   | (R) |
| 100 Mbps        | \$147.34                   | (R) |
| 250 Mbps        | \$147.34                   | (R) |
| 500 Mbps        | \$221.01                   | (R) |
| 750 Mbps        | \$221.01                   | (R) |
| 1 Gbps          | \$221.01                   | (R) |
| 2.5 Gbps        | \$221.01                   | (R) |
| 5 Gbps          | \$221.01                   | (R) |
| 10 Gbps         | \$221.01                   | (R) |

## (b) Per ETS Interconnection Port equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |  |
|-----------------|----------------------------|--|
| 44.736 Mbps     | \$150.00                   |  |
| 155.52 Mbps     | \$225.00                   |  |
| 622.08 Mbps     | \$225.00                   |  |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions (Cont'd)

## (1) DSL Access Service Connection (Cont'd)

## (c) Per ETS MM-VCC

|                           | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u>             |
|---------------------------|---------------------|--|
|                           |                     | \$7.00                                 |
| Per 10 Mbps increment     | \$5.00 (R)          |  |
| (d) Per ETS Design Change |                     |  |
|                           |                     | <u>Nonrecurring Charge</u>             |
|                           |                     | \$6.00                                 |
| (e) Per ETS LBR-VCC       |                     |  |
|                           |                     | <u>Nonrecurring Charge Per LBR-VCC</u> |
| Per 64 Kbps               | \$0.57              | \$7.00                                 |

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**ACCESS SERVICE**17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(G) ETS Port Protection

- (a) Per feature when customer designated premises located within 300 feet of ETS SWC at speeds of:

|                     | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|---------------------|-------------------------|-----|--------------------------------|
| 2 Mbps to 1 Gbps    | \$101.29                | (R) | \$560.00                       |
| 2.5 Gbps to 10 Gbps | \$253.03                | (R) | \$560.00                       |

- (b) Per feature when customer designated premises located more than 300 feet of ETS SWC at speeds of:

|                     | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|---------------------|-------------------------|-----|--------------------------------|
| 2 Mbps to 1 Gbps    | \$233.24                | (R) | \$560.00                       |
| 2.5 Gbps to 10 Gbps | \$567.14                | (R) | \$560.00                       |

(H) ETS Term Discount Plan

| <u>Term<br/>Commitment</u> | <u>Percentage</u> |
|----------------------------|-------------------|
| 36 Months                  | 10%               |
| 60 Months                  | 20%               |

(I) ETS Volume Discount Plan

| <u>Number of<br/>Committed ETS<br/>Ports In-Service<br/>On Bill Date</u> | <u>Percentage</u> |
|--|-------------------|
| 0 to 4   | 0%                |
| 5 and above  | 10%               |

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## ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company

17.1 Common Line Access Service

17.1.1 End User Access Service

Rates for the Telephone Company's End User Access Service may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

17.1.2 Federal Universal Service Charge (FUSC)

Rates for the Telephone Company's Federal Universal Service Charge (FUSC) may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.2 Switched Access Service17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(A) Local Transport - Installation  
Per Entrance Facility

6.4.1(B)(1)

|                                    |          |
|------------------------------------|----------|
| - Voice Grade Two Wire             | \$483.86 |
| - Voice Grade Four Wire            | \$483.86 |
| - High Capacity DS1                | \$354.84 |
| - High Capacity DS3                | \$478.49 |
| - Synchronous Optical Channel OC3  | \$387.09 |
| - Synchronous Optical Channel OC12 | \$387.09 |
| - ESALT 2 Mbps                     | \$573.45 |
| - ESALT 10 Mbps                    | \$573.45 |
| - ESALT 50 Mbps                    | \$573.45 |

(B) Interim NXX Translation  
Per Order

\$236.56

6.4.1(B)(2)

Per LATA or Market Area

(C) FGC and FGD Conversion of  
Multifrequency Address  
Signaling to SS7 Signaling  
or SS7 Signaling to  
Multifrequency Address  
Signaling

- Per 24 Trunks Converted  
or Fraction thereof on  
a Per Order Basis

\$475.25

6.4.1(B)(3)

(D) Direct Trunked Transport  
ActivatedPer Order

- Per 24 Trunks Activated  
or Fraction thereof on  
a Per Order Basis

\$493.53

6.4.1(B)(1)

(E) ESALT Direct Trunked  
Termination

6.4.1(B)(1)

- Per ESALT Direct Trunked  
Termination Installation

\$377.81

(N)

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(F) Flexible Automatic Number  
Identification (Flex ANI)

- Per End Office, Per CIC

None

6.4.1(B)(1)

(G) ESALT Entrance Facility  
Protection- Per ESALT  
Entrance Facility

\$579.65

17.2.2 Local TransportMonthly  
RatePremium Access- Entrance Facility  
Per Termination

6.1.3(A)(1)

|                         |             |
|-------------------------|-------------|
| - Voice Grade Two Wire  | \$ 210.19   |
| - Voice Grade Four Wire | \$ 336.36   |
| - High Capacity DS1     | \$ 1,024.74 |
| - High Capacity DS3     | \$ 9,356.58 |
| - Optical Channel OC3   | \$ 9,540.93 |
| - Optical Channel OC12  | \$10,186.61 |
| - ESALT 2 Mbps          | \$ 1,815.00 |
| - ESALT 10 Mbps         | \$ 1,956.21 |
| - ESALT 50 Mbps         | \$ 2,534.41 |

(N)

Transmittal No. 209

Issued: June 16, 2017

Effective: July 1, 2017

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)

|  | Monthly<br>Rate | Tariff<br>Section<br>Reference |
|--|-----------------|--------------------------------|
| - <u>Direct Trunked Transport</u>                      |                 | 6.1.3(A)(2)                    |
| - <u>Direct Trunked Facility</u><br>Per Mile           |                 |                                |
| - Voice Grade  | \$ 14.95        |                                |
| - High Capacity DS1                                    | \$ 70.21        |                                |
| - High Capacity DS3                                    | \$ 611.58       |                                |
| - Optical Channel OC3                                  | \$ 654.66       |                                |
| - Optical Channel OC12                                 | \$ 821.72       |                                |
| - Per DTF-E1 Facility                                  |                 |                                |
| ESALT 2 Mbps   | \$ 206.78       |                                |
| ESALT 10 Mbps  | \$ 524.32       |                                |
| ESALT 50 Mbps  | \$1,468.15      |                                |
| - Per DTF-E2 Facility                                  |                 |                                |
| ESALT 2 Mbps   | \$ 137.88       |                                |
| ESALT 10 Mbps  | \$ 314.64       |                                |
| ESALT 50 Mbps  | \$ 978.84       |                                |
| - Per DTF-E3 Facility                                  |                 |                                |
| ESALT 2 Mbps   | \$ 205.30       |                                |
| ESALT 10 Mbps  | \$ 516.78       |                                |
| ESALT 50 Mbps  | \$1,687.79      |                                |
| - Per DTF-E4 Facility                                  |                 |                                |
| ESALT 2 Mbps   | \$ 343.79       |                                |
| ESALT 10 Mbps  | \$1,059.97      |                                |
| ESALT 50 Mbps  | \$3,007.95      |                                |
| - <u>Direct Trunked Termination</u><br>Per Termination |                 |                                |
| - Voice Grade  | \$ 150.47       |                                |
| - High Capacity DS1                                    | \$ 364.26       |                                |
| - High Capacity DS3                                    | \$2,339.09      |                                |
| - Optical Channel OC3                                  | \$2,435.48      |                                |
| - Optical Channel OC12                                 | \$5,302.81      |                                |
| - ESALT 2 Mbps   | \$ 482.52       |                                |
| - ESALT 10 Mbps  | \$ 589.91       |                                |
| - ESALT 50 Mbps  | \$ 720.97       |                                |

(N)

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)Multiplexing

Per Arrangement

- DS3 to DS1

- DS1 to Voice

Monthly  
RateTariff  
Section  
Reference

6.1.3(A)(5)

\$2,134.15

\$ 823.98

Premium Access- Tandem Switched Transport- Tandem Switched Facility

Per Access Minute Per Mile

\$0.001110

6.1.3(A)(3)

- Tandem Switched Termination

Per Access Minute

Per Termination

\$0.005762

- Tandem Switching

Per Access Minute

Per Tandem

\$0.014534

6.1.3(A)(3)

- Network Blocking Per Blocked Call

Applies to FGD only

\$0.042311

6.8.6

- 800 Series Data Base Access ServiceQueries

Per Query

Basic

Vertical Feature

\$0.014616

\$0.016155

ESALT Real Time CoS/QoS

Per ESALT Direct Trunked Facility, Per Option

ESALT 2 Mbps

\$ 39.49

ESALT 10 Mbps

\$197.48

ESALT 50 Mbps

\$614.45

ESALT Entrance Facility Protection

Per ESALT Entrance Facility

ESALT 2 Mbps

\$733.00

ESALT 10 Mbps

\$733.00

ESALT 50 Mbps

\$733.00

(N)

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.2 Switched Access Service (Cont'd)(A) Common Channel Signaling  
Network Connection(1) Signaling Network Access LinkRate

- Signaling Mileage  
Facility per mile \$ 20.18

- Signaling Mileage Termination  
per Termination \$202.55

Nonrecurring  
Charge

- Signaling Entrance Facility  
per Facility \$387.95 \$419.35

(2) STP Port  
- per port \$1,999.09

(N)

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff  
Section  
Reference(A) Local Switching  
Premium

|                                 |            |             |     |
|---------------------------------|------------|-------------|-----|
| - Per Originating Access Minute | \$0.123809 | 6.1.3(B)(1) |     |
| - Per Terminating Access Minute | \$0.000000 |             | (R) |

Non-Premium

|                                 |            |             |     |
|---------------------------------|------------|-------------|-----|
| - Per Originating Access Minute | \$0.055714 | 6.1.3(B)(1) |     |
| - Per Terminating Access Minute | \$0.000000 |             | (R) |

(B) Information Surcharge-Premium

|                                    |            |             |  |
|------------------------------------|------------|-------------|--|
| Per Originating 100 Access Minutes | \$0.136163 | 6.1.3(B)(2) |  |
| Per Terminating 100 Access Minutes | \$0.000000 |             |  |

-Non-Premium

|                                    |            |             |  |
|------------------------------------|------------|-------------|--|
| Per Originating 100 Access Minutes | \$0.061274 | 6.1.3(B)(2) |  |
| Per Terminating 100 Access Minutes | \$0.000000 |             |  |

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**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.5 Assumed Minutes of Use

|     |  | <u>Assumed<br/>Minutes<br/>Per Month</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-----|--|--|---|
| (A) | Feature Group A,<br>Two Way Calling<br>(1510 Originating,<br>2685 Terminating) | 4195                                     | 6.5.4                                   |
| (B) | Feature Group A,<br>Originating Only   | 1510                                     | 6.5.4                                   |
| (C) | Feature Group A,<br>Terminating Only   | 2685                                     | 6.5.4                                   |
| (D) | Feature Group B,<br>Two Way Calling<br>(3132 Originating,<br>5568 Terminating) | 8700                                     | 6.6.4                                   |
| (E) | Feature Group B,<br>Originating Only   | 3132                                     | 6.6.4                                   |
| (F) | Feature Group B,<br>Terminating Only   | 5568                                     | 6.6.4                                   |

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

The Telephone Company's Surcharge for Special Access Service rate may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Reserved For Future Use

(C)

(D)

(D)

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**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.6 of the JSI Tariff F.C.C. No. 1.

|     |   | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |     |
|-----|---|-------------------------|--------------------------------|-----|
| (A) | Channel Termination<br>Per Termination            |                         |                                |     |
|     | - Two-Wire  | \$ 64.26 (R)            | \$450.00                       |     |
|     | - Four-Wire                                       | \$102.81 (R)            | \$450.00                       |     |
| (B) | Channel Mileage                                   |                         |                                |     |
| (1) | Channel Mileage<br>Facility<br>Per Mile           | \$ 4.59                 |                                | (R) |
| (2) | Channel Mileage<br>Termination<br>Per Termination | \$ 46.01                |                                | (R) |
| (C) | Optional Features and<br>Functions                |                         |                                |     |
| (1) | Bridging  |                         |                                |     |
| (a) | <u>Voice Bridging</u><br>Per Port                 |                         |                                |     |
|     | Two-Wire/Four-Wire                                |                         |                                |     |
|     | - Two-Wire  | \$ 7.76                 |                                | (R) |
|     | - Four-Wire                                       | \$ 7.76                 |                                | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)Monthly  
Rate

## (C) Optional Features and Functions (Cont'd)

## (1) Bridging (Cont'd)

(b) Data Bridging  
Per Port

- Two-Wire \$7.76 (R)

- Four-Wire \$7.76 (R)

(c) Telephoto Bridging  
per port

- Two-Wire \$7.76 (R)

- Four-Wire \$7.76 (R)

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

|     |   | Monthly<br>Rate |     |
|-----|---|-----------------|-----|
| (C) | Optional Features and Functions (Cont'd)  |                 |     |
| (2) | Conditioning Per Termination  |                 |     |
|     | - C Type  | \$11.38         | (R) |
|     | - Improved Attenuation Distortion*  | None            |     |
|     | - Improved Envelope Delay Distortion*   | None            |     |
|     | - Data Capability   | \$10.12         | (R) |
|     | - Telephoto Capability  | \$10.75         | (R) |
|     | - Sealing Current   | None            |     |
| (3) | Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination |                 |     |
|     | - Two-Wire  | \$16.27         | (R) |
|     | - Four-Wire   | \$16.27         | (R) |
| (4) | Customer Specified Receive Level per two-wire termination                             | \$12.30         | (R) |

\* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

|     |  | Monthly<br>Rate |     |
|-----|--|-----------------|-----|
| (C) | Optional Features and Functions (Cont'd)   |                 |     |
| (5) | Multiplexing Per arrangement<br>Voice to Telegraph Grade                           | \$269.40        | (R) |
| (6) | Signaling Capability<br>Per termination  | \$ 26.04        | (R) |
| (7) | Selective Signaling Arrangement<br>Per arrangement                                 | \$ 7.76         | (R) |
| (8) | Transfer Arrangement<br>(key activated*<br>or dial up**)                           |                 |     |
| -   | Per four port arrangement<br>including control channel<br>termination***           | \$ 3.70         | (R) |
| -   | Per five port arrangement<br>including control channel<br>termination***           | \$ 8.51         | (R) |
| (9) | Public Packet Switching Network<br>(PPSN) Interface Arrangement Per<br>arrangement | ICB             |     |

ICB rates and charges are filed in Section 17.3.9 following.

\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

Transmittal No. 232

**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221



**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

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Drive,

President

Greenbelt,

Maryland

20770

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.9 of the JSI Tariff No. 1.

Monthly  
Rate

Nonrecurring  
Charge

(A) Channel Termination  
Per Termination

|             |              |          |
|-------------|--------------|----------|
| - 2.4 kbps  | \$118.59 (R) | \$390.00 |
| - 4.8 kbps  | 118.59 (R)   | 390.00   |
| - 9.6 kbps  | 118.59 (R)   | 390.00   |
| - 19.2 kbps | 118.59 (R)   | 390.00   |
| - 56.0 kbps | 118.59 (R)   | 390.00   |
| - 64.0 kbps | 118.59 (R)   | 390.00   |

## (B) Channel Mileage

(1) Channel Mileage Facility  
Per Mile

|             |        |     |
|-------------|--------|-----|
| - 2.4 kbps  | \$4.36 | (R) |
| - 4.8 kbps  | 4.36   | (R) |
| - 9.6 kbps  | 4.36   | (R) |
| - 19.2 kbps | 4.36   | (R) |
| - 56.0 kbps | 6.17   | (R) |
| - 64.0 kbps | 6.17   | (R) |

(2) Channel Mileage Termination  
Per Termination

|             |         |     |
|-------------|---------|-----|
| - 2.4 kbps  | \$43.70 | (R) |
| - 4.8 kbps  | 43.70   | (R) |
| - 9.6 kbps  | 43.70   | (R) |
| - 19.2 kbps | 43.70   | (R) |
| - 56.0 kbps | 61.92   | (R) |
| - 64.0 kbps | 61.92   | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

|     |  | Monthly<br>Rate |     |
|-----|--|-----------------|-----|
| (C) | Optional Features and Functions  |                 |     |
| (1) | Bridging Per port  | \$10.44         | (R) |
| (2) | Loop Transfer Arrangement<br>Per four port arrangement*<br>Key activated** or Dial-Up*** | \$ 7.39         | (R) |
| (3) | Public Packet Switching<br>Network Interface Arrangement                                 |                 |     |
|     | - Per 9.6 kbps arrangement   | ICB             |     |
|     | - Per 56.0 kbps arrangement  | ICB             |     |
| (D) | Channel Service Unit Per Termination****   |                 |     |
|     | - 2.4 kbps   | \$36.99         | (R) |
|     | - 4.8 kbps   | 36.99           | (R) |
|     | - 9.6 kbps   | 36.99           | (R) |
|     | - 56.0 kbps  | 36.99           | (R) |

\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center. ICB Rates and Charges are filed in Section 17.3.9 following.

\*\* The key activated control channel is rated as a metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-Up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.10 of the JSI Tariff F.C.C. No. 1.

|  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--|-------------------------|--------------------------------|
| (A) Channel Termination<br>Per Termination         |                         |                                |
| - DS1 1.544 Mbps                                   | \$ 295.72 (R)           | \$330.00                       |
| - DS1C 3.152 Mbps                                  | ICB                     | ICB                            |
| - DS2 6.312 Mbps                                   | ICB                     | ICB                            |
| - DS3 44.736 Mbps                                  | \$2,437.94 (R)          | \$445.00                       |
| - DS4 274.176 Mbps                                 | ICB                     | ICB                            |
| (B) Channel Mileage                                |                         |                                |
|  | <u>Monthly Rate</u>     |                                |
| (1) Channel Mileage Facility<br>Per Mile           |                         |                                |
| - 64 Kbps  | \$ 6.17                 | (R)                            |
| - 1.544 Mbps                                       | 18.31                   | (R)                            |
| - 3.152 Mbps                                       | ICB                     |                                |
| - 6.312 Mbps                                       | ICB                     |                                |
| - 44.736 Mbps                                      | 159.36                  | (R)                            |
| - 274.176 Mbps                                     | ICB                     |                                |
| (2) Channel Mileage Termination<br>Per Termination |                         |                                |
| - 64 Kbps  | \$ 61.92                | (R)                            |
| - 1.544 Mbps                                       | 94.92                   | (R)                            |
| - 3.152 Mbps                                       | ICB                     |                                |
| - 6.312 Mbps                                       | ICB                     |                                |
| - 44.736 Mbps                                      | \$609.49                | (R)                            |
| - 274.176 Mbps                                     | ICB                     |                                |

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

| (C) | Term Discounts                    | <u>Percentage</u>   |     |
|-----|-----------------------------------|---------------------|-----|
|     | DS1 and DS3 services              |                     |     |
|     | 36 months                         | 10%                 |     |
|     | 60 months                         | 20%                 |     |
|     |                                   | <u>Monthly Rate</u> |     |
| (D) | Optional Features and Functions   |                     |     |
|     | (1) Multiplexing, per arrangement |                     |     |
|     | DS4 to DS1                        | ICB                 |     |
|     | DS3 to DS1                        | \$564.89            | (R) |
|     | DS2 to DS1                        | ICB                 |     |
|     | DS1C to DS1                       | ICB                 |     |
|     | DS1 to Voice*                     | 233.14              | (R) |
|     | DS1 to DSO                        | 233.14              | (R) |
|     | DSO to Subrates                   |                     |     |
|     | - Up to 20 2.4 kbps services      | \$557.38            | (R) |
|     | - Up to 10 4.8 kbps services      | 378.74              | (R) |
|     | - Up to 5 9.6 kbps services       | 335.85              | (R) |

\* A channel of this DS1 to the Hub can be used for Digital Data service.  
ICB rates and charges are filed in Section 17.3.9 following.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

|     |   | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----|---|-------------------------|--------------------------------|
| (D) | Optional Features and Functions (Cont'd)  |                         |                                |
| (2) | Automatic Loop Transfer<br>Per arrangement*   | \$188.17                | (R)                            |
| (3) | Transfer Arrangement<br>(key activated** or dial up***)<br>Per four port arrangement including<br>control channel termination**** | \$205.09                | (R)                            |
| (E) | Network Channel Terminating<br>Equipment (NCTE) Per termination#  |                         |                                |
|     | - 1.544 Mbps  | \$106.72                | (R)                            |
|     | - Automatic Loop Transfer   | 428.77                  | (R)                            |
| (F) | DSL Access Service Connection   |                         |                                |
|     | - per 1.544 Mbps  | \$ 298.27               | (R) \$450.00                   |
|     | - per 44.736 Mbps   | 2,071.40                | (R) 650.00                     |

\* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

\*\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

# NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(N)

(N)

Transmittal No. 209



**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use

(C)

(D)

(D)

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services17.4.1 Access Ordering

|  | <u>Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---------------|---|
| (A) <u>Access Order Charge</u>   |               |   |
| Per order  | \$ 86.00      | 5.4.1                                   |
| (B) <u>Service Date Change Charge</u>  |               |   |
| A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 17.4.1(A) preceding does not apply. The applicable charge is: |               |   |
| Service Date Change Charge, per order  | \$ 60.00      | 5.4.3                                   |
| (C) <u>Design Change Charge</u>  |               |   |
| The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change. The applicable charge is:   |               |   |
| Design Change Charge, per order  | \$ 84.00      | 5.4.3                                   |
| (D) <u>Miscellaneous Service Order Charge</u>  |               |   |
| Per Occurrence   | \$123.00      | 5.4.2                                   |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.2 Additional Engineering

| <u>Additional Engineering<br/>Periods</u> |   | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|---|---|---|
| (A)                                       | Basic Time per engineer<br>normally scheduled<br>working hours          | \$31.03   | 13.1                                    |
| (B)                                       | Overtime per engineer<br>outside of normally<br>scheduled working hours | \$46.55   | 13.1                                    |
| (C)                                       | Premium Time per engineer<br>outside of scheduled work day.             | \$62.06   | 13.1                                    |

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor

| <u>Additional Labor<br/>Periods</u> |  | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-------------------------------------|--|---|---|
| (A) Installation or Repair          |  |   |   |
| -                                   | Overtime,<br>outside of normally<br>scheduled working<br>hours on a scheduled<br>work day,<br>per technician | \$47.57*  | 13.2.1 &<br>13.2.2                      |
| -                                   | Premium Time,<br>outside of scheduled<br>work day,<br>per technician   | \$63.42*  | 13.2.1 &<br>13.2.2                      |
| (B) Stand by                        |  |   |   |
| -                                   | Basic time,<br>normally scheduled<br>working hours,<br>per technician  | \$21.18   | 13.2.3                                  |
| -                                   | Overtime,<br>outside of normally<br>scheduled working<br>hours on a scheduled<br>work day<br>per technician  | \$31.77   | 13.2.3                                  |
| -                                   | Premium Time,<br>outside of scheduled<br>work day,<br>per technician   | \$42.36   | 13.2.3                                  |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor (Cont'd)

|     |  | <u>Each Half Hour or Fraction Thereof</u>         |  |   |
|-----|--|---|--|---|
|     | <u>Additional Labor<br/>Periods</u>  | <u>Installation<br/>and Repair<br/>Technician</u> | <u>Central Office<br/>Maintenance<br/>Technician</u> | <u>Tariff<br/>Section<br/>Reference</u> |
| (C) | Testing and Maintenance with<br>other Telephone Companies, or<br>Other Labor |   |  |   |
| -   | Basic Time per technician  | \$31.71   | \$34.66  | 13.2.4 &<br>13.2.5                      |
| -   | normally scheduled working hours   |   |  |   |
| -   | Overtime per technician  | \$47.57   | \$51.99  | 13.2.4 &<br>13.2.5                      |
| -   | outside of normally scheduled<br>working hours on a scheduled<br>work day    |   |  |   |
| -   | Premium Time per technician  | \$63.42   | \$69.32  | 13.2.4 &<br>13.2.5                      |
| -   | outside of scheduled work day  |   |  |   |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services(A) Additional Cooperative Acceptance Testing  
- Switched Access

| <u>Testing Periods</u>                     | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u>                               | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---|---|
| Basic Time, Overtime*<br>and Premium Time* | See the rates<br>for Additional<br>Labor as set<br>forth in 17.4.3(C)<br>preceding. | 13.3.1(A)(1)                            |

(B) Additional Automatic Testing - Switched AccessTo First Point  
of Switching

## Additional Tests

|                         | <u>Per Test Per<br/>Transmission Path</u> |              |
|-------------------------|---|--------------|
| Gain-Slope Tests        | \$2.89                                    | 13.3.1(A)(2) |
| C-Notched Noise Tests   | \$2.89                                    | 13.3.1(A)(2) |
| 1004 Hz Loss**          | \$2.89                                    | 13.3.1(A)(2) |
| C-Message Noise**       | \$2.89                                    | 13.3.1(A)(2) |
| Balance (return loss)** | \$2.89                                    | 13.3.1(A)(2) |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

\*\* 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests; however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein apply.

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(C) Additional Manual Testing - Switched AccessTo First Point  
of Switching

Additional Tests

Each Half Hour  
or Fraction  
ThereofTariff  
Section  
ReferenceGain-Slope,  
C-Notched Noise and  
any other agreed to  
tests, per technician  
forth in 17.4.3(C)  
precedingSee the rates  
for Additional  
Labor as set

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing  
- Special AccessTesting PeriodsEach Half  
Hour or  
Fraction  
ThereofTariff  
Section  
ReferenceBasic Time, Overtime\*  
and Premium Time\*See the rates  
for Additional  
Labor as set  
forth in 17.4.3(C)  
preceding.

13.3.1(B)(1)

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

Transmittal No. 209



**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(E) Additional Manual Testing - Special Access

| <u>Testing Periods</u>                     | Each Half<br>Hour or<br>Fraction<br>Thereof   | Tariff<br>Section<br>Reference |
|--|---|--------------------------------|
| Basic Time, Overtime*<br>and Premium Time* | See the<br>rates for<br>Additional<br>Labor as<br>set forth in<br>17.4.3(C)<br>preceding. | 13.3.1(B)(2)                   |

(F) Maintenance of Service

| <u>Maintenance of Service<br/>Periods</u>  | Each Half<br>Hour or<br>Fraction<br>Thereof  | Tariff<br>Section<br>Reference |
|--|--|--------------------------------|
| Basic Time, Overtime*<br>and Premium Time* | See the<br>rates for<br>Additional<br>Labor as set forth<br>in 17.4.3(C)<br>preceding. | 13.3.2                         |

(G) Restoration Priority

| <u>Nonrecurring Charge</u> | Tariff<br>Section<br>Reference |
|----------------------------|--------------------------------|
|----------------------------|--------------------------------|

|                      |         |        |
|----------------------|---------|--------|
| Per service arranged | \$54.63 | 13.3.3 |
|----------------------|---------|--------|

(H) Controller Arrangement

|                 | Monthly<br>Rate |           |
|-----------------|-----------------|-----------|
| Per Arrangement | \$100.00        | 13.3.4(A) |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

Transmittal No. 209

Issued: June 16, 2017

Effective: July 1, 2017

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

| (I) | <u>Presubscribed Interexchange<br/>Carrier (PIC) Change Charge*</u>   | <u>Nonrecurring Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-----|---|----------------------------|---|
|     | Per Telephone Exchange<br>Service line or trunk for each<br>interLATA PIC Change:   |                            | 13.4(J)                                 |
|     | (1) Submitted using manual methods  | \$ 5.50                    |   |
|     | (2) Submitted using electronic methods  | \$ 1.25                    |   |
|     | (3) Submitted using manual methods<br>when both the interLATA PIC<br>and intraLATA PIC selections<br>are changed simultaneously     | \$ 2.75                    |   |
|     | (4) Submitted using electronic<br>methods when both the interLATA<br>PIC and intraLATA PIC selections<br>are changed simultaneously | \$ 0.63                    |   |
| (J) | <u>Blocking Service**</u>   |                            |   |
|     | Per exchange service line<br>or trunk and/or per Feature<br>Group A Switched Access line  | \$ 11.20                   | 13.8                                    |

\* This charge is generally billed to the end user who is the subscriber to the Telephone Exchange Service. In those instances where the IC both requests the presubscription change, and requests the associated charge be billed to it, the Telephone Company will bill the IC. In the event the subscriber is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event the subscriber denies requesting a presubscription change, the Telephone Company will credit the subscriber's account for the presubscription change charge associated with the alleged unauthorized change, if such charge was billed to the subscriber. The Telephone Company will then bill the IC responsible for the alleged unauthorized change a presubscription change charge to return the subscriber to its previous authorized carrier and, if initially billed to the subscriber, the presubscription change charge for the alleged unauthorized change.

\*\* Blocking access to 900 Service is offered to all subscribers at no charge at the time telephone service is established at a new number and for 60 days thereafter.

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(K) Billing Name and Address Service

|   |   | <u>Nonrecurring<br/>Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|---|--------------------------------|---|
| - | Per BNA Order   | \$50.94                        | 13.9.4(A)                               |
| - | Per BNA Record  | \$ 0.33                        | 13.9.4(A)                               |
| - | Optional Magnetic<br>Tape Charge - Per<br>Magnetic Tape | \$91.44                        | 13.9.4(B)                               |
| - | Optional Format<br>Programming Charge<br>- Per Hour     | \$37.20                        | 13.9.4(C)                               |

(L) Originating Line  
Screening (OLS) Service

|   |                           |         |       |
|---|---------------------------|---------|-------|
| - | Per Exchange service line | \$ 7.95 | 13.10 |
|---|---------------------------|---------|-------|

(M) Coin Supervision  
Additive Service

|   |                           | <u>Monthly<br/>Rate</u> |       |
|---|---------------------------|-------------------------|-------|
| - | Per exchange service line | \$ 2.21                 | 13.12 |

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(N) Access Recovery Charge (ARC)

Regulations concerning the Access Recovery Charge are set forth in Section 13.16 preceding.

## (1) Residential ARC

Per line or trunk assessed a  
Residence End User Common Line \$3.00 per month

## (2) Single Line Business ARC

Per line or trunk assessed a  
Single Line Business  
End User Common Line \$3.00 per month

## (3) Multiline Business ARC

Per line or trunk assessed a  
Multiline Business  
End User Common Line \$3.00 per month

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.5 Special Federal Government Access Services

|     |   |                             |                                 |                                |
|-----|---|-----------------------------|---------------------------------|--------------------------------|
| (A) | Voice Grade Secure                                  | Monthly                     | Nonrecurring                    | Termination                    |
|     | <u>Communications</u>                               | <u>Rate</u>                 | <u>Charges</u>                  | <u>Charges</u>                 |
|     | Type I, each<br>T-3 Conditioning,                   | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
|     | Type II, each<br>G-1 Conditioning,                  | ICB rates and charges apply |                                 |                                |
|     | Type III, each<br>G-2 Conditioning,                 | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
|     | Type IV, each<br>G-3 Conditioning,                  | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
| (B) | Wideband Digital Special Access Service             |                             |                                 |                                |
|     | Wideband Secure<br><u>Communications</u>            | <u>Monthly<br/>Rates</u>    | <u>Nonrecurring<br/>Charges</u> | <u>Termination<br/>Charges</u> |
|     | Type I, each  | ICB rates and charges apply |                                 |                                |
|     | Type II, each                                       | ICB rates and charges apply |                                 |                                |
|     | Type III, each                                      | ICB rates and charges apply |                                 |                                |

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.6 Special Facilities Routing of Access Services(A) Diversity

For each service provided in accordance with 11.1.1, the rates and charges will be developed on an individual case basis.

None

(B) Avoidance

For each service provided in accordance with 11.1.2, the rates and charges will be developed on an individual case basis.

None

(C) Diversity and Avoidance Combined

For each service provided in accordance with 11.1.1 and 11.1.2, combined, the rates and charges will be developed on an individual case basis.

None

(D) Cable-Only Facilities

For each service provided in accordance with 11.1.4, the rates and charges will be developed on an individual case basis.

None

(N)

Transmittal No. 209

**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.7 Specialized Service or Arrangements

Specialized Service or Arrangements are provided  
on an individual case basis as set forth following:

None

(N)

(N)

Transmittal No. 209

**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221



**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS)

Regulations concerning Ethernet Transport Service (ETS) are set forth in Section 16.4, preceding.

(A) ETS Channel Terminations

- (1) Per termination when customer designated premises located within 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$ 64.77            | (R) | \$295.00                   |
| 5 Mbps          | \$ 79.47            | (R) | \$295.00                   |
| 10 Mbps         | \$ 91.78            | (R) | \$295.00                   |
| 20 Mbps         | \$ 100.75           | (R) | \$295.00                   |
| 50 Mbps         | \$ 116.47           | (R) | \$295.00                   |
| 100 Mbps        | \$ 129.43           | (R) | \$295.00                   |
| 250 Mbps        | \$ 184.32           | (R) | \$295.00                   |
| 500 Mbps        | \$ 241.59           | (R) | \$442.00                   |
| 750 Mbps        | \$ 280.75           | (R) | \$442.00                   |
| 1 Gbps          | \$ 321.39           | (R) | \$442.00                   |
| 2.5 Gbps        | \$ 621.21           | (R) | \$442.00                   |
| 5 Gbps          | \$ 943.17           | (R) | \$442.00                   |
| 10 Gbps         | \$1,287.86          | (R) | \$442.00                   |

- (2) Per termination when customer designated premises located more than 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$ 244.74           | (R) | \$295.00                   |
| 5 Mbps          | \$ 247.43           | (R) | \$295.00                   |
| 10 Mbps         | \$ 250.95           | (R) | \$295.00                   |
| 20 Mbps         | \$ 283.89           | (R) | \$295.00                   |
| 50 Mbps         | \$ 320.93           | (R) | \$295.00                   |
| 100 Mbps        | \$ 335.81           | (R) | \$295.00                   |
| 250 Mbps        | \$ 350.71           | (R) | \$295.00                   |
| 500 Mbps        | \$ 463.97           | (R) | \$442.00                   |
| 750 Mbps        | \$ 533.69           | (R) | \$442.00                   |
| 1 Gbps          | \$ 618.62           | (R) | \$442.00                   |
| 2.5 Gbps        | \$1,193.59          | (R) | \$442.00                   |
| 5 Gbps          | \$1,812.78          | (R) | \$442.00                   |
| 10 Gbps         | \$2,476.76          | (R) | \$442.00                   |

Transmittal No. 232

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(B) Ports

## (1) Per ETS Basic Port

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 88.62                | (R) | \$259.00                       |
| 5 Mbps          | \$ 98.12                | (R) | \$259.00                       |
| 10 Mbps         | \$ 108.35               | (R) | \$259.00                       |
| 20 Mbps         | \$ 120.38               | (R) | \$259.00                       |
| 50 Mbps         | \$ 127.59               | (R) | \$259.00                       |
| 100 Mbps        | \$ 139.19               | (R) | \$259.00                       |
| 250 Mbps        | \$ 192.13               | (R) | \$259.00                       |
| 500 Mbps        | \$ 243.59               | (R) | \$388.00                       |
| 750 Mbps        | \$ 308.04               | (R) | \$388.00                       |
| 1 Gbps          | \$ 371.18               | (R) | \$388.00                       |
| 2.5 Gbps        | \$ 712.89               | (R) | \$388.00                       |
| 5 Gbps          | \$1,083.59              | (R) | \$388.00                       |
| 10 Gbps         | \$1,482.80              | (R) | \$388.00                       |

## (2) Per ETS Interconnection Port

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 44.736 Mbps     | \$1,444.59              | (R) | \$175.00                       |
| 155.52 Mbps     | \$1,733.50              | (R) | \$262.00                       |
| 622.08 Mbps     | \$2,889.18              | (R) | \$262.00                       |

Transmittal No. 232



**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs)

## (1) Per Intraswitch ETS EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|--------------------------------|
| 2 Mbps          | \$0.00                  | \$205.00                       |
| 5 Mbps          | \$0.00                  | \$205.00                       |
| 10 Mbps         | \$0.00                  | \$205.00                       |
| 20 Mbps         | \$0.00                  | \$205.00                       |
| 50 Mbps         | \$0.00                  | \$205.00                       |
| 100 Mbps        | \$0.00                  | \$205.00                       |
| 250 Mbps        | \$0.00                  | \$205.00                       |
| 500 Mbps        | \$0.00                  | \$307.00                       |
| 750 Mbps        | \$0.00                  | \$307.00                       |
| 1 Gbps          | \$0.00                  | \$307.00                       |
| 2.5 Gbps        | \$0.00                  | \$307.00                       |
| 5 Gbps          | \$0.00                  | \$307.00                       |
| 10 Gbps         | \$0.00                  | \$307.00                       |

## (2) Per Interswitch ETS EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 37.99                | (R) | \$205.00                       |
| 5 Mbps          | \$ 51.36                | (R) | \$205.00                       |
| 10 Mbps         | \$ 96.31                | (R) | \$205.00                       |
| 20 Mbps         | \$ 192.61               | (R) | \$205.00                       |
| 50 Mbps         | \$ 259.82               | (R) | \$205.00                       |
| 100 Mbps        | \$ 414.46               | (R) | \$205.00                       |
| 250 Mbps        | \$ 853.92               | (R) | \$205.00                       |
| 500 Mbps        | \$1,422.82              | (R) | \$307.00                       |
| 750 Mbps        | \$1,890.81              | (R) | \$307.00                       |
| 1 Gbps          | \$2,474.47              | (R) | \$307.00                       |
| 2.5 Gbps        | \$4,766.16              | (R) | \$307.00                       |
| 5 Gbps          | \$7,242.93              | (R) | \$307.00                       |
| 10 Gbps         | \$9,179.51              | (R) | \$307.00                       |

Transmittal No. 232

**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(D) ETS Extended Ethernet Virtual Connections (E-EVCs)

## Per ETS E-EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 25.32                | (R) | \$410.00                       |
| 5 Mbps          | \$ 32.09                | (R) | \$410.00                       |
| 10 Mbps         | \$ 57.78                | (R) | \$410.00                       |
| 20 Mbps         | \$ 115.57               | (R) | \$410.00                       |
| 50 Mbps         | \$ 173.22               | (R) | \$410.00                       |
| 100 Mbps        | \$ 278.39               | (R) | \$410.00                       |
| 250 Mbps        | \$ 579.45               | (R) | \$410.00                       |
| 500 Mbps        | \$ 897.00               | (R) | \$615.00                       |
| 750 Mbps        | \$1,219.89              | (R) | \$615.00                       |
| 1 Gbps          | \$1,546.52              | (R) | \$615.00                       |
| 2.5 Gbps        | \$2,981.89              | (R) | \$615.00                       |
| 5 Gbps          | \$4,529.89              | (R) | \$615.00                       |
| 10 Gbps         | \$6,191.94              | (R) | \$615.00                       |

(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)

- (1) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to fifty miles.

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 51.51                | (R) | \$410.00                       |
| 5 Mbps          | \$ 66.87                | (R) | \$410.00                       |
| 10 Mbps         | \$ 129.69               | (R) | \$410.00                       |
| 20 Mbps         | \$ 246.37               | (R) | \$410.00                       |
| 50 Mbps         | \$ 408.12               | (R) | \$410.00                       |
| 100 Mbps        | \$ 576.48               | (R) | \$410.00                       |
| 250 Mbps        | \$ 1,311.85             | (R) | \$410.00                       |
| 500 Mbps        | \$ 1,797.29             | (R) | \$615.00                       |
| 750 Mbps        | \$ 2,410.97             | (R) | \$615.00                       |
| 1 Gbps          | \$ 3,052.01             | (R) | \$615.00                       |
| 2.5 Gbps        | \$ 5,874.49             | (R) | \$615.00                       |
| 5 Gbps          | \$ 8,927.76             | (R) | \$615.00                       |
| 10 Gbps         | \$12,206.46             | (R) | \$615.00                       |

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Issued: June 16, 2020

Effective: July 1, 2020

President  
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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)  
(Cont'd)

(2) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is between fifty-one and seventy-five miles.

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 86.28                | (R) | \$410.00                       |
| 5 Mbps          | \$ 136.59               | (R) | \$410.00                       |
| 10 Mbps         | \$ 266.01               | (R) | \$410.00                       |
| 20 Mbps         | \$ 359.47               | (R) | \$410.00                       |
| 50 Mbps         | \$ 727.34               | (R) | \$410.00                       |
| 100 Mbps        | \$ 886.65               | (R) | \$410.00                       |
| 250 Mbps        | \$ 1,537.80             | (R) | \$410.00                       |
| 500 Mbps        | \$ 2,105.81             | (R) | \$615.00                       |
| 750 Mbps        | \$ 2,833.13             | (R) | \$615.00                       |
| 1 Gbps          | \$ 3,602.04             | (R) | \$615.00                       |
| 2.5 Gbps        | \$ 6,935.34             | (R) | \$615.00                       |
| 5 Gbps          | \$10,535.61             | (R) | \$615.00                       |
| 10 Gbps         | \$14,407.73             | (R) | \$615.00                       |

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions

## (1) DSL Access Service Connection

## (a) Per ETS Basic Port equipped

| <u>Capacity</u> | <u>Nonrecurring<br/>Charge</u> |
|-----------------|--------------------------------|
| 2 Mbps          | \$150.00                       |
| 5 Mbps          | \$150.00                       |
| 10 Mbps         | \$150.00                       |
| 20 Mbps         | \$150.00                       |
| 50 Mbps         | \$150.00                       |
| 100 Mbps        | \$150.00                       |
| 250 Mbps        | \$150.00                       |
| 500 Mbps        | \$225.00                       |
| 750 Mbps        | \$225.00                       |
| 1 Gbps          | \$225.00                       |
| 2.5 Gbps        | \$225.00                       |
| 5 Gbps          | \$225.00                       |
| 10 Gbps         | \$225.00                       |

## (b) Per ETS Interconnection Port equipped

| <u>Capacity</u> | <u>Nonrecurring<br/>Charge</u> |
|-----------------|--------------------------------|
| 44.736 Mbps     | \$150.00                       |
| 155.52 Mbps     | \$225.00                       |
| 622.08 Mbps     | \$225.00                       |

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions (Cont'd)

## (1) DSL Access Service Connection (Cont'd)

## (c) Per ETS MM-VCC

|                          | <u>Monthly Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------|---------------------|--------------------------------|
|                          |                     | \$7.00                         |
| Per 10 Mbps<br>increment | \$4.07 (R)          |                                |

## (d) Per ETS Design Change

| <u>Nonrecurring<br/>Charge</u> |
|--------------------------------|
| \$6.00                         |

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(G) ETS Port Protection

(a) Per feature when customer designated premises located within 300 feet of ETS SWC at speeds of:

|                     | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|---------------------|-------------------------|-----|--------------------------------|
| 2 Mbps to 1 Gbps    | \$ 76.96                | (R) | \$560.00                       |
| 2.5 Gbps to 10 Gbps | \$192.28                | (R) | \$560.00                       |

(b) Per feature when customer designated premises located more than 300 feet of ETS SWC at speeds of:

|                     | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|---------------------|-------------------------|-----|--------------------------------|
| 2 Mbps to 1 Gbps    | \$177.24                | (R) | \$560.00                       |
| 2.5 Gbps to 10 Gbps | \$430.97                | (R) | \$560.00                       |

(H) ETS Term Discount Plan

| <u>Term<br/>Commitment</u> | <u>Percentage</u> |
|----------------------------|-------------------|
| 36 Months                  | 10%               |
| 60 Months                  | 20%               |

(I) ETS Volume Discount Plan

| <u>Number of<br/>Committed ETS<br/>Ports In-Service<br/>On Bill Date</u> | <u>Percentage</u> |
|--|-------------------|
| 0 to 4   | 0%                |
| 5 and above  | 10%               |

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**ACCESS SERVICE**17. Rates and Charges - Industry Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.4 Internet Protocol Gateway Access Service

Regulations concerning Internet Protocol Gateway Access Service are set forth in Section 16.9 of the JSI Tariff F.C.C. No. 1.

|     |  | Monthly<br>Rate     | Nonrecurring<br>Charge |
|-----|--|---------------------|------------------------|
| (A) | IPG Transport Termination<br>Per Termination         |                     |                        |
|     | - DS1 1.544 Mbps                                     | \$ 295.72 (R)       | \$330.00               |
|     | - DS3 44.736 Mbps                                    | \$2,437.93 (R)      | \$445.00               |
| (B) | IPG Transport Mileage                                |                     |                        |
|     |  | <u>Monthly Rate</u> |                        |
| (1) | IPG Transport Mileage Facility<br>Per Mile           |                     |                        |
|     | - 1.544 Mbps   | \$ 18.31            | (R)                    |
|     | - 44.736 Mbps  | \$159.36            | (R)                    |
| (2) | IPG Transport Mileage Termination<br>Per Termination |                     |                        |
|     | - 1.544 Mbps   | \$ 94.92            | (R)                    |
|     | - 44.736 Mbps  | \$609.49            | (R)                    |
| (C) | IPG Port<br>Per Port                                 |                     |                        |
|     | - 1.544 Mbps   | \$ 94.92            | (R)                    |
|     | - 44.736 Mbps  | \$1,174.38          | (R)                    |

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**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc.

17.1 Common Line Access Service

17.1.1 End User Access Service

Rates, terms and conditions for the Telephone Company's offering of End User Access service may be found in NECA Tariff F.C.C. No. 5.

17.1.2 Federal Universal Service Charge (FUSC)

Rates, terms and conditions for the Telephone Company's Federal Universal Service Charge (FUSC) can be found in the NECA Tariff F.C.C. No. 5.

(N)  
|  
(N)

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Issued: June 16, 2017

President  
7852 Walker Drive, Greenbelt, Maryland 20770

Effective: July 1, 2017



**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.2 Switched Access Service17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(A) Local Transport - Installation  
Per Entrance Facility

6.4.1(B)(1)

|                                    |          |
|------------------------------------|----------|
| - Voice Grade Two Wire             | \$483.86 |
| - Voice Grade Four Wire            | \$483.86 |
| - High Capacity DS1                | \$354.84 |
| - High Capacity DS3                | \$478.49 |
| - Synchronous Optical Channel OC3  | \$387.09 |
| - Synchronous Optical Channel OC12 | \$387.09 |
| - ESALT 2 Mbps                     | \$573.45 |
| - ESALT 10 Mbps                    | \$573.45 |
| - ESALT 50 Mbps                    | \$573.45 |

(B) Interim NXX Translation  
Per Order

\$236.56

6.4.1(B)(2)

Per LATA or Market Area

(C) FGC and FGD Conversion of  
Multifrequency Address  
Signaling to SS7 Signaling  
or SS7 Signaling to  
Multifrequency Address  
Signaling

- Per 24 Trunks Converted  
or Fraction thereof on  
a Per Order Basis

\$475.25

6.4.1(B)(3)

(D) Direct Trunked Transport  
ActivatedPer Order

- Per 24 Trunks Activated  
or Fraction thereof on  
a Per Order Basis

\$493.53

6.4.1(B)(1)

(E) ESALT Direct Trunked  
Termination

6.4.1(B)(1)

- Per ESALT Direct Trunked  
Termination Installation

\$377.81

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(F) Flexible Automatic Number  
Identification (Flex ANI)

- Per End Office, Per CIC

None

6.4.1(B)(1)

(G) ESALT Entrance Facility  
Protection- Per ESALT  
Entrance Facility

\$579.65

17.2.2 Local TransportMonthly  
RatePremium Access- Entrance Facility  
Per Termination

6.1.3(A)(1)

|                         |            |
|-------------------------|------------|
| - Voice Grade Two Wire  | \$ 26.58   |
| - Voice Grade Four Wire | \$ 42.54   |
| - High Capacity DS1     | \$ 129.61  |
| - High Capacity DS3     | \$1,183.42 |
| - Optical Channel OC3   | \$1,206.73 |
| - Optical Channel OC12  | \$1,288.40 |
| - ESALT 2 Mbps          | \$ 229.56  |
| - ESALT 10 Mbps         | \$ 247.43  |
| - ESALT 50 Mbps         | \$ 320.56  |

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Transmittal No. 209

Issued: June 16, 2017

Effective: July 1, 2017

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)Monthly  
RateTariff  
Section  
Reference- Direct Trunked Transport

6.1.3(A)(2)

- Direct Trunked Facility  
Per Mile

|                        |           |
|------------------------|-----------|
| - Voice Grade          | \$ 1.90   |
| - High Capacity DS1    | \$ 8.88   |
| - High Capacity DS3    | \$ 77.36  |
| - Optical Channel OC3  | \$ 82.80  |
| - Optical Channel OC12 | \$ 103.93 |
| - Per DTF-E1 Facility  |           |
| ESALT 2 Mbps           | \$ 26.15  |
| ESALT 10 Mbps          | \$ 66.32  |
| ESALT 50 Mbps          | \$ 185.69 |
| - Per DTF-E2 Facility  |           |
| ESALT 2 Mbps           | \$ 17.44  |
| ESALT 10 Mbps          | \$ 39.80  |
| ESALT 50 Mbps          | \$ 123.81 |
| - Per DTF-E3 Facility  |           |
| ESALT 2 Mbps           | \$ 45.04  |
| ESALT 10 Mbps          | \$ 113.37 |
| ESALT 50 Mbps          | \$ 370.27 |
| - Per DTF-E4 Facility  |           |
| ESALT 2 Mbps           | \$ 75.42  |
| ESALT 10 Mbps          | \$ 232.54 |
| ESALT 50 Mbps          | \$ 659.89 |

- Direct Trunked Termination  
Per Termination

|                        |           |
|------------------------|-----------|
| - Voice Grade          | \$ 19.03  |
| - High Capacity DS1    | \$ 46.07  |
| - High Capacity DS3    | \$ 295.85 |
| - Optical Channel OC3  | \$ 308.04 |
| - Optical Channel OC12 | \$ 670.70 |
| - ESALT 2 Mbps         | \$ 61.04  |
| - ESALT 10 Mbps        | \$ 74.61  |
| - ESALT 50 Mbps        | \$ 91.19  |

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

| 17.2   | <u>Switched Access Service</u> (Cont'd)       | Monthly<br>Rate | Tariff<br>Section<br>Reference |
|--------|---|-----------------|--------------------------------|
| 17.2.2 | <u>Local Transport</u> (Cont'd)               |                 |                                |
|        | <u>Multiplexing</u>                           |                 |                                |
|        | Per Arrangement                               |                 | 6.1.3(A)(5)                    |
|        | - DS3 to DS1                                  | \$ 269.93       |                                |
|        | - DS1 to Voice                                | \$ 104.21       |                                |
|        | <u>Premium Access</u>                         |                 |                                |
| -      | <u>Tandem Switched Transport</u>              |                 | 6.1.3(A)(3)                    |
|        | - <u>Tandem Switched Facility</u>             | \$0.000114      |                                |
|        | Per Access Minute Per Mile                    |                 |                                |
| -      | <u>Tandem Switched Termination</u>            | \$0.000592      |                                |
|        | Per Access Minute                             |                 |                                |
|        | Per Termination                               |                 |                                |
| -      | <u>Tandem Switching</u>                       | \$0.001494      | 6.1.3(A)(3)                    |
|        | Per Access Minute                             |                 |                                |
|        | Per Tandem                                    |                 |                                |
| -      | <u>Network Blocking Per Blocked Call</u>      |                 |                                |
|        | Applies to FGD only                           | \$0.009282      | 6.8.6                          |
| -      | <u>800 Series Data Base Access Service</u>    |                 |                                |
|        | <u>Queries</u>                                |                 |                                |
|        | Per Query                                     |                 |                                |
|        | Basic   | \$0.003207      |                                |
|        | Vertical Feature                              | \$0.003544      |                                |
|        | <u>ESALT Real Time CoS/QoS</u>                |                 |                                |
|        | Per ESALT Direct Trunked Facility, Per Option |                 |                                |
|        | ESALT 2 Mbps                                  | \$ 5.00         |                                |
|        | ESALT 10 Mbps                                 | \$ 24.98        |                                |
|        | ESALT 50 Mbps                                 | \$ 77.74        |                                |
|        | <u>ESALT Entrance Facility Protection</u>     |                 |                                |
|        | Per ESALT Entrance Facility                   |                 |                                |
|        | ESALT 2 Mbps                                  | \$160.81        |                                |
|        | ESALT 10 Mbps                                 | \$160.81        |                                |
|        | ESALT 50 Mbps                                 | \$160.81        |                                |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)Non-Premium Access (Cont'd)(A) Common Channel Signaling  
Network Connection(1) Signaling Network Access Link

|  | <u>Rate</u> |
|--|-------------|
| - Signaling Mileage<br>Facility per mile           | \$ 2.55     |
| - Signaling Mileage Termination<br>per Termination | \$ 25.62    |

Nonrecurring  
Charge

|   |          |          |
|---|----------|----------|
| - Signaling Entrance Facility<br>per Facility | \$ 49.06 | \$419.35 |
| (2) STP Port                                  |          |          |
| - per port                                    | \$252.85 |          |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff  
Section  
Reference(A) Local Switching  
Premium

|                                 |            |             |     |
|---------------------------------|------------|-------------|-----|
| - Per Originating Access Minute | \$0.010865 | 6.1.3(B)(1) |     |
| - Per Terminating Access Minute | \$0.000000 |             | (R) |

Non-Premium

|                                 |            |             |     |
|---------------------------------|------------|-------------|-----|
| - Per Originating Access Minute | \$0.004889 | 6.1.3(B)(1) |     |
| - Per Terminating Access Minute | \$0.000000 |             | (R) |

(B) Information Surcharge-Premium

|                                    |            |             |  |
|------------------------------------|------------|-------------|--|
| Per Originating 100 Access Minutes | \$0.029872 | 6.1.3(B)(2) |  |
| Per Terminating 100 Access Minutes | \$0.000000 |             |  |

-Non-Premium

|                                    |            |             |  |
|------------------------------------|------------|-------------|--|
| Per Originating 100 Access Minutes | \$0.013442 | 6.1.3(B)(2) |  |
| Per Terminating 100 Access Minutes | \$0.000000 |             |  |

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**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

|      |   |  |                                 |                                |
|------|---|--|---------------------------------|--------------------------------|
| 17.2 | <u>Switched Access Service</u> (Cont'd) |  | Assumed<br>Minutes<br>Per Month | Tariff<br>Section<br>Reference |
|      | 17.2.5 <u>Assumed Minutes of Use</u>    |  |                                 |                                |
|      | (A)                                     | Feature Group A,<br>Two Way Calling<br>(1510 Originating,<br>2685 Terminating) | 4195                            | 6.5.4                          |
|      | (B)                                     | Feature Group A,<br>Originating Only   | 1510                            | 6.5.4                          |
|      | (C)                                     | Feature Group A,<br>Terminating Only   | 2685                            | 6.5.4                          |
|      | (D)                                     | Feature Group B,<br>Two Way Calling<br>(3132 Originating,<br>5568 Terminating) | 8700                            | 6.6.4                          |
|      | (E)                                     | Feature Group B,<br>Originating Only   | 3132                            | 6.6.4                          |
|      | (F)                                     | Feature Group B,<br>Terminating Only   | 5568                            | 6.6.4                          |

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

Regulations concerning the surcharge for special access service are set forth in Section 7.3 of the NECA Tariff F.C.C. No. 5.

The rate applicable to the surcharge for special access service is set forth in the NECA Tariff F.C.C. No. 5, Section 17.3.1.

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Reserved For Future Use

(C)

(D)

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Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.6 of the JSI Tariff F.C.C. No. 1.

|     |   | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |     |
|-----|---|-------------------------|--------------------------------|-----|
| (A) | Channel Termination<br>Per Termination            |                         |                                |     |
|     | - Two-Wire  | \$16.57 (R)             | \$228.39                       | (R) |
|     | - Four-Wire                                       | \$26.50 (R)             | \$228.39                       | (R) |
| (B) | Channel Mileage                                   |                         |                                |     |
| (1) | Channel Mileage<br>Facility<br>Per Mile           | \$ 1.19                 |                                |     |
| (2) | Channel Mileage<br>Termination<br>Per Termination | \$11.87                 |                                | (R) |
| (C) | Optional Features and<br>Functions                |                         |                                |     |
| (1) | Bridging  |                         |                                |     |
| (a) | <u>Voice Bridging</u><br>Per Port                 |                         |                                |     |
|     | Two-Wire/Four-Wire                                |                         |                                |     |
|     | - Two-Wire  | \$ 1.99                 |                                | (R) |
|     | - Four-Wire                                       | \$ 1.99                 |                                | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)Monthly  
Rate

## (C) Optional Features and Functions (Cont'd)

## (1) Bridging (Cont'd)

(b) Data Bridging  
Per Port

- Two-Wire \$1.99 (R)

- Four-Wire \$1.99 (R)

(c) Telephoto Bridging per port

- Two-Wire \$1.99 (R)

- Four-Wire \$1.99 (R)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

|     |   | Monthly<br>Rate |     |
|-----|---|-----------------|-----|
| (C) | Optional Features and Functions (Cont'd)  |                 |     |
| (2) | Conditioning Per Termination  |                 |     |
|     | - C Type  | \$2.94          | (R) |
|     | - Improved Attenuation Distortion*  | None            |     |
|     | - Improved Envelope Delay Distortion*   | None            |     |
|     | - Data Capability   | \$2.61          | (R) |
|     | - Telephoto Capability  | \$2.77          | (R) |
|     | - Sealing Current   | None            |     |
| (3) | Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination |                 |     |
|     | - Two-Wire  | \$4.19          | (R) |
|     | - Four-Wire   | \$4.19          | (R) |
| (4) | Customer Specified Receive Level per two-wire termination                             | \$3.17          | (R) |

\* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

|     |  | Monthly<br>Rate |     |
|-----|--|-----------------|-----|
| (C) | Optional Features and Functions (Cont'd)   |                 |     |
| (5) | Multiplexing Per arrangement<br>Voice to Telegraph Grade                           | \$ 69.46        | (R) |
| (6) | Signaling Capability<br>Per termination  | \$ 6.72         | (R) |
| (7) | Selective Signaling Arrangement<br>Per arrangement                                 | \$ 1.99         | (R) |
| (8) | Transfer Arrangement<br>(key activated*<br>or dial up**)                           |                 |     |
| -   | Per four port arrangement<br>including control channel<br>termination***           | \$ 0.96         |     |
| -   | Per five port arrangement<br>including control channel<br>termination***           | \$ 2.20         | (R) |
| (9) | Public Packet Switching Network<br>(PPSN) Interface Arrangement Per<br>arrangement | ICB             |     |

ICB rates and charges are filed in Section 17.3.9 following.

\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770



**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
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**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.9 of the JSI Tariff No. 1.

Monthly  
Rate

Nonrecurring  
Charge

(A) Channel Termination  
Per Termination

|             |         |     |          |     |
|-------------|---------|-----|----------|-----|
| - 2.4 kbps  | \$30.57 | (R) | \$197.94 | (R) |
| - 4.8 kbps  | 30.57   | (R) | 197.94   | (R) |
| - 9.6 kbps  | 30.57   | (R) | 197.94   | (R) |
| - 19.2 kbps | 30.57   | (R) | 197.94   | (R) |
| - 56.0 kbps | 30.57   | (R) | 197.94   | (R) |
| - 64.0 kbps | 30.57   | (R) | 197.94   | (R) |

## (B) Channel Mileage

(1) Channel Mileage Facility  
Per Mile

|             |        |     |
|-------------|--------|-----|
| - 2.4 kbps  | \$1.13 |     |
| - 4.8 kbps  | 1.13   |     |
| - 9.6 kbps  | 1.13   |     |
| - 19.2 kbps | 1.13   |     |
| - 56.0 kbps | 1.59   | (R) |
| - 64.0 kbps | 1.59   | (R) |

(2) Channel Mileage Termination  
Per Termination

|             |         |     |
|-------------|---------|-----|
| - 2.4 kbps  | \$11.27 | (R) |
| - 4.8 kbps  | 11.27   | (R) |
| - 9.6 kbps  | 11.27   | (R) |
| - 19.2 kbps | 11.27   | (R) |
| - 56.0 kbps | 15.96   | (R) |
| - 64.0 kbps | 15.96   | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

|     |  | Monthly<br>Rate |     |
|-----|--|-----------------|-----|
| (C) | Optional Features and Functions  |                 |     |
| (1) | Bridging Per port  | \$ 2.69         | (R) |
| (2) | Loop Transfer Arrangement<br>Per four port arrangement*<br>Key activated** or Dial-Up*** | \$ 1.91         | (R) |
| (3) | Public Packet Switching<br>Network Interface Arrangement                                 |                 |     |
|     | - Per 9.6 kbps arrangement   | ICB             |     |
|     | - Per 56.0 kbps arrangement  | ICB             |     |
| (D) | Channel Service Unit Per Termination****   |                 |     |
|     | - 2.4 kbps   | \$ 9.54         | (R) |
|     | - 4.8 kbps   | 9.54            | (R) |
|     | - 9.6 kbps   | 9.54            | (R) |
|     | - 56.0 kbps  | 9.54            | (R) |

\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center. ICB Rates and Charges are filed in Section 17.3.9 following.

\*\* The key activated control channel is rated as a metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-Up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

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Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.10 of the JSI Tariff F.C.C. No. 1.

|  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |     |
|--|-------------------------|--------------------------------|-----|
| (A) Channel Termination<br>Per Termination         |                         |                                |     |
| - DS1 1.544 Mbps                                   | \$ 76.23                | (R) \$167.49                   | (R) |
| - DS1C 3.152 Mbps                                  | ICB                     | ICB                            |     |
| - DS2 6.312 Mbps                                   | ICB                     | ICB                            |     |
| - DS3 44.736 Mbps                                  | \$628.51                | (R) \$225.85                   | (R) |
| - DS4 274.176 Mbps                                 | ICB                     | ICB                            |     |
| (B) Channel Mileage                                |                         |                                |     |
|  | <u>Monthly Rate</u>     |                                |     |
| (1) Channel Mileage Facility<br>Per Mile           |                         |                                |     |
| - 64 Kbps  | \$ 1.59                 |                                | (R) |
| - 1.544 Mbps                                       | \$ 4.71                 |                                | (R) |
| - 3.152 Mbps                                       | ICB                     |                                |     |
| - 6.312 Mbps                                       | ICB                     |                                |     |
| - 44.736 Mbps                                      | \$41.08                 |                                | (R) |
| - 274.176 Mbps                                     | ICB                     |                                |     |
| (2) Channel Mileage Termination<br>Per Termination |                         |                                |     |
| - 64 Kbps  | \$ 15.96                |                                | (R) |
| - 1.544 Mbps                                       | \$ 24.47                |                                | (R) |
| - 3.152 Mbps                                       | ICB                     |                                |     |
| - 6.312 Mbps                                       | ICB                     |                                |     |
| - 44.736 Mbps                                      | \$ 157.13               |                                | (R) |
| - 274.176 Mbps                                     | ICB                     |                                |     |

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

| (C) | Term Discounts                    | <u>Percentage</u>       |     |
|-----|-----------------------------------|-------------------------|-----|
|     | DS1 and DS3 services              |                         |     |
|     | 36 months                         | 10%                     |     |
|     | 60 months                         | 20%                     |     |
|     |                                   | <u>Monthly<br/>Rate</u> |     |
| (D) | Optional Features and Functions   |                         |     |
|     | (1) Multiplexing, per arrangement |                         |     |
|     | DS4 to DS1                        | ICB                     |     |
|     | DS3 to DS1                        | \$145.63                | (R) |
|     | DS2 to DS1                        | ICB                     |     |
|     | DS1C to DS1                       | ICB                     |     |
|     | DS1 to Voice*                     | 60.10                   | (R) |
|     | DS1 to DSO                        | 60.10                   | (R) |
|     | DSO to Subrates                   |                         |     |
|     | - Up to 20 2.4 kbps services      | \$143.69                | (R) |
|     | - Up to 10 4.8 kbps services      | 97.64                   | (R) |
|     | - Up to 5 9.6 kbps services       | 86.59                   | (R) |

\* A channel of this DS1 to the Hub can be used for Digital Data service.  
ICB rates and charges are filed in Section 17.3.9 following.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

|     |   | Monthly<br>Rate | Nonrecurring<br>Charge |              |
|-----|---|-----------------|------------------------|--------------|
| (D) | Optional Features and Functions (Cont'd)  |                 |                        |              |
| (2) | Automatic Loop Transfer<br>Per arrangement*   | \$48.51         |                        | (R)          |
| (3) | Transfer Arrangement<br>(key activated** or dial up***)<br>Per four port arrangement including<br>control channel termination**** | \$52.88         |                        | (R)          |
| (E) | Network Channel Terminating<br>Equipment (NCTE) Per termination#  |                 |                        |              |
|     | - 1.544 Mbps  | \$ 27.51        |                        | (R)          |
|     | - Automatic Loop Transfer   | 110.53          |                        | (R)          |
| (F) | DSL Access Service Connection   |                 |                        |              |
|     | - per 1.544 Mbps  | \$ 76.89        | (R)                    | \$214.20 (R) |
|     | - per 44.736 Mbps   | 534.03          | (R)                    | 309.40 (R)   |

\* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

\*\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

# NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(N)

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use

(C)

(D)

(D)

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**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services17.4.1 Access Ordering

|  | <u>Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---------------|---|
| (A) <u>Access Order Charge</u>   |               |   |
| Per order  | \$ 86.00      | 5.4.1                                   |
| (B) <u>Service Date Change Charge</u>  |               |   |
| A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 17.4.1(A) preceding does not apply. The applicable charge is: |               |   |
| Service Date Change Charge,<br>per order   | \$ 60.00      | 5.4.3                                   |
| (C) <u>Design Change Charge</u>  |               |   |
| The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change. The applicable charge is:   |               |   |
| Design Change Charge, per order  | \$ 84.00      | 5.4.3                                   |
| (D) <u>Miscellaneous Service Order Charge</u>  |               |   |
| Per Occurrence   | \$123.00      | 5.4.2                                   |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.2 Additional Engineering

| <u>Additional Engineering<br/>Periods</u> |   | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|---|---|---|
| (A)                                       | Basic Time per engineer<br>normally scheduled<br>working hours          | \$31.03   | 13.1                                    |
| (B)                                       | Overtime per engineer<br>outside of normally<br>scheduled working hours | \$46.55   | 13.1                                    |
| (C)                                       | Premium Time per engineer<br>outside of scheduled work day.             | \$62.06   | 13.1                                    |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor

| <u>Additional Labor<br/>Periods</u> |  | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-------------------------------------|--|---|---|
| (A) Installation or Repair          |  |   |   |
| -                                   | Overtime,<br>outside of normally<br>scheduled working<br>hours on a scheduled<br>work day,<br>per technician | \$47.57*  | 13.2.1 &<br>13.2.2                      |
| -                                   | Premium Time,<br>outside of scheduled<br>work day,<br>per technician   | \$63.42*  | 13.2.1 &<br>13.2.2                      |
| (B) Stand by                        |  |   |   |
| -                                   | Basic time,<br>normally scheduled<br>working hours,<br>per technician  | \$21.18   | 13.2.3                                  |
| -                                   | Overtime,<br>outside of normally<br>scheduled working<br>hours on a scheduled<br>work day<br>per technician  | \$31.77   | 13.2.3                                  |
| -                                   | Premium Time,<br>outside of scheduled<br>work day,<br>per technician   | \$42.36   | 13.2.3                                  |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor (Cont'd)

|     |  | <u>Each Half Hour or Fraction Thereof</u>         |  |   |
|-----|--|---|--|---|
|     | <u>Additional Labor<br/>Periods</u>  | <u>Installation<br/>and Repair<br/>Technician</u> | <u>Central Office<br/>Maintenance<br/>Technician</u> | <u>Tariff<br/>Section<br/>Reference</u> |
| (C) | Testing and Maintenance with<br>other Telephone Companies, or<br>Other Labor |   |  |   |
| -   | Basic Time per technician  | \$31.71   | \$34.66  | 13.2.4 &<br>13.2.5                      |
| -   | normally scheduled working hours   |   |  |   |
| -   | Overtime per technician  | \$47.57   | \$51.99  | 13.2.4 &<br>13.2.5                      |
| -   | outside of normally scheduled<br>working hours on a scheduled<br>work day    |   |  |   |
| -   | Premium Time per technician  | \$63.42   | \$69.32  | 13.2.4 &<br>13.2.5                      |
| -   | outside of scheduled work day  |   |  |   |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services(A) Additional Cooperative Acceptance Testing  
- Switched Access

| <u>Testing Periods</u>                     | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u>                               | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---|---|
| Basic Time, Overtime*<br>and Premium Time* | See the rates<br>for Additional<br>Labor as set<br>forth in 17.4.3(C)<br>preceding. | 13.3.1(A)(1)                            |

(B) Additional Automatic Testing - Switched AccessTo First Point  
of Switching

## Additional Tests

|                         | <u>Per Test Per<br/>Transmission Path</u> |              |
|-------------------------|---|--------------|
| Gain-Slope Tests        | \$2.89                                    | 13.3.1(A)(2) |
| C-Notched Noise Tests   | \$2.89                                    | 13.3.1(A)(2) |
| 1004 Hz Loss**          | \$2.89                                    | 13.3.1(A)(2) |
| C-Message Noise**       | \$2.89                                    | 13.3.1(A)(2) |
| Balance (return loss)** | \$2.89                                    | 13.3.1(A)(2) |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

\*\* 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests; however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein apply.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(C) Additional Manual Testing - Switched AccessTo First Point  
of Switching

Additional Tests

Each Half Hour  
or Fraction  
ThereofTariff  
Section  
ReferenceGain-Slope,  
C-Notched Noise and  
any other agreed to  
tests, per technician  
forth in 17.4.3(C)  
precedingSee the rates  
for Additional  
Labor as set

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing  
- Special AccessTesting PeriodsEach Half  
Hour or  
Fraction  
ThereofTariff  
Section  
ReferenceBasic Time, Overtime\*  
and Premium Time\*See the rates  
for Additional  
Labor as set  
forth in 17.4.3(C)  
preceding.

13.3.1(B)(1)

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(E) Additional Manual Testing - Special Access

| <u>Testing Periods</u>                     | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u>                                     | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---|---|
| Basic Time, Overtime*<br>and Premium Time* | See the<br>rates for<br>Additional<br>Labor as<br>set forth in<br>17.4.3(C)<br>preceding. | 13.3.1(B)(2)                            |

(F) Maintenance of Service

| <u>Maintenance of Service<br/>Periods</u>  | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u>                                  | <u>Tariff<br/>Section<br/>Reference</u> |
|--|--|---|
| Basic Time, Overtime*<br>and Premium Time* | See the<br>rates for<br>Additional<br>Labor as set forth<br>in 17.4.3(C)<br>preceding. | 13.3.2                                  |

(G) Restoration Priority

| <u>Nonrecurring Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|----------------------------|---|
|----------------------------|---|

|                      |         |        |
|----------------------|---------|--------|
| Per service arranged | \$54.63 | 13.3.3 |
|----------------------|---------|--------|

(H) Controller Arrangement

|                 | <u>Monthly<br/>Rate</u> |           |
|-----------------|-------------------------|-----------|
| Per Arrangement | \$100.00                | 13.3.4(A) |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

Transmittal No. 209

Issued: June 16, 2017

Effective: July 1, 2017

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

| (I) | <u>Presubscribed Interexchange<br/>Carrier (PIC) Change Charge*</u>   | <u>Nonrecurring Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-----|---|----------------------------|---|
|     | Per Telephone Exchange<br>Service line or trunk for each<br>interLATA PIC Change:   |                            | 13.4(J)                                 |
|     | (1) Submitted using manual methods  | \$ 5.50                    |   |
|     | (2) Submitted using electronic methods  | \$ 1.25                    |   |
|     | (3) Submitted using manual methods<br>when both the interLATA PIC<br>and intraLATA PIC selections<br>are changed simultaneously     | \$ 2.75                    |   |
|     | (4) Submitted using electronic<br>methods when both the interLATA<br>PIC and intraLATA PIC selections<br>are changed simultaneously | \$ 0.63                    |   |
| (J) | <u>Blocking Service**</u>   |                            |   |
|     | Per exchange service line<br>or trunk and/or per Feature<br>Group A Switched Access line  | \$ 11.20                   | 13.8                                    |

\* This charge is generally billed to the end user who is the subscriber to the Telephone Exchange Service. In those instances where the IC both requests the presubscription change, and requests the associated charge be billed to it, the Telephone Company will bill the IC. In the event the subscriber is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event the subscriber denies requesting a presubscription change, the Telephone Company will credit the subscriber's account for the presubscription change charge associated with the alleged unauthorized change, if such charge was billed to the subscriber. The Telephone Company will then bill the IC responsible for the alleged unauthorized change a presubscription change charge to return the subscriber to its previous authorized carrier and, if initially billed to the subscriber, the presubscription change charge for the alleged unauthorized change.

\*\* Blocking access to 900 Service is offered to all subscribers at no charge at the time telephone service is established at a new number and for 60 days thereafter.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(K) Billing Name and Address Service

|   |   | <u>Nonrecurring<br/>Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|---|--------------------------------|---|
| - | Per BNA Order   | \$50.94                        | 13.9.4(A)                               |
| - | Per BNA Record  | \$ 0.33                        | 13.9.4(A)                               |
| - | Optional Magnetic<br>Tape Charge - Per<br>Magnetic Tape | \$91.44                        | 13.9.4(B)                               |
| - | Optional Format<br>Programming Charge<br>- Per Hour     | \$37.20                        | 13.9.4(C)                               |

(L) Originating Line  
Screening (OLS) Service

|   |                           |         |       |
|---|---------------------------|---------|-------|
| - | Per Exchange service line | \$ 7.95 | 13.10 |
|---|---------------------------|---------|-------|

(M) Coin Supervision  
Additive Service

|   |                           | <u>Monthly<br/>Rate</u> |       |
|---|---------------------------|-------------------------|-------|
| - | Per exchange service line | \$ 2.21                 | 13.12 |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(N) Access Recovery Charge (ARC)

Regulations concerning the Access Recovery Charge are set forth in Section 13.16 preceding.

## (1) Residential ARC

|  |                  |     |
|--|------------------|-----|
| Per line or trunk assessed a<br>Residence End User Common Line | \$0.00 per month | (R) |
|--|------------------|-----|

## (2) Single Line Business ARC

|  |                  |
|--|------------------|
| Per line or trunk assessed a<br>Single Line Business<br>End User Common Line | \$3.00 per month |
|--|------------------|

## (3) Multiline Business ARC

|  |                  |
|--|------------------|
| Per line or trunk assessed a<br>Multiline Business<br>End User Common Line | \$3.00 per month |
|--|------------------|

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.5 Special Federal Government Access Services

|     |   |                             |                                 |                                |
|-----|---|-----------------------------|---------------------------------|--------------------------------|
| (A) | Voice Grade Secure                                  | Monthly                     | Nonrecurring                    | Termination                    |
|     | <u>Communications</u>                               | <u>Rate</u>                 | <u>Charges</u>                  | <u>Charges</u>                 |
|     | Type I, each<br>T-3 Conditioning,                   | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
|     | Type II, each<br>G-1 Conditioning,                  | ICB rates and charges apply |                                 |                                |
|     | Type III, each<br>G-2 Conditioning,                 | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
|     | Type IV, each<br>G-3 Conditioning,                  | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
| (B) | Wideband Digital Special Access Service             |                             |                                 |                                |
|     | Wideband Secure<br><u>Communications</u>            | <u>Monthly<br/>Rates</u>    | <u>Nonrecurring<br/>Charges</u> | <u>Termination<br/>Charges</u> |
|     | Type I, each  | ICB rates and charges apply |                                 |                                |
|     | Type II, each                                       | ICB rates and charges apply |                                 |                                |
|     | Type III, each                                      | ICB rates and charges apply |                                 |                                |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.6 Special Facilities Routing of Access Services(A) Diversity

For each service provided in accordance with 11.1.1, the rates and charges will be developed on an individual case basis.

None

(B) Avoidance

For each service provided in accordance with 11.1.2, the rates and charges will be developed on an individual case basis.

None

(C) Diversity and Avoidance Combined

For each service provided in accordance with 11.1.1 and 11.1.2, combined, the rates and charges will be developed on an individual case basis.

None

(D) Cable-Only Facilities

For each service provided in accordance with 11.1.4, the rates and charges will be developed on an individual case basis.

None

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.7 Specialized Service or Arrangements

Specialized Service or Arrangements are provided  
on an individual case basis as set forth following:

None

(N)

(N)

Transmittal No. 209

**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770



**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use (Cont'd)

(C)

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(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

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(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use (Cont'd)

(C)

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Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS)\*

(C)

Regulations concerning Ethernet Transport Service (ETS) are set forth in Section 16.4, preceding.

(A) ETS Channel Terminations

- (1) Per termination when customer designated premises located within 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|----------------------------|
| 2 Mbps          | \$ 16.75            | \$150.27                   |
| 5 Mbps          | \$ 20.56            | \$150.27                   |
| 10 Mbps         | \$ 23.75            | \$150.27                   |
| 20 Mbps         | \$ 26.07            | \$150.27                   |
| 50 Mbps         | \$ 30.14            | \$150.27                   |
| 100 Mbps        | \$ 33.49            | \$150.27                   |
| 250 Mbps        | \$ 47.69            | \$150.27                   |
| 500 Mbps        | \$ 62.51            | \$225.14                   |
| 750 Mbps        | \$ 72.64            | \$225.14                   |
| 1 Gbps          | \$ 83.15            | \$225.14                   |
| 2.5 Gbps        | \$160.72            | \$225.14                   |
| 5 Gbps          | \$244.03            | \$225.14                   |
| 10 Gbps         | \$333.22            | \$225.14                   |

(M)

(M)

\*Rates and charges apply to existing customers as of July 1, 2020. Services for new customers and for existing customers who request moves, additions or changes after July 1, 2020 will be offered on a contractual basis. Pursuant to the Federal Communications Commission Report and Order FCC 18-146 released October 24, 2018, 83 FR 67098 (12/28/18), this service will be detariffed and transitioned to contract on or before July 1, 2023.

(N)

(N)

Certain material formerly found on this page can now be found on Original Page 17-3345.1.

Transmittal No. 232

**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)

Regulations concerning Ethernet Transport Service (ETS) are set forth in Section 16.4, preceding.

(A) ETS Channel Terminations (Cont'd)

- (2) Per termination when customer designated premises located more than 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|--------------------------------|
| 2 Mbps          | \$ 63.32                | \$150.27                       |
| 5 Mbps          | \$ 64.02                | \$150.27                       |
| 10 Mbps         | \$ 64.93                | \$150.27                       |
| 20 Mbps         | \$ 73.45                | \$150.27                       |
| 50 Mbps         | \$ 83.04                | \$150.27                       |
| 100 Mbps        | \$ 86.89                | \$150.27                       |
| 250 Mbps        | \$ 90.75                | \$150.27                       |
| 500 Mbps        | \$120.05                | \$225.14                       |
| 750 Mbps        | \$138.09                | \$225.14                       |
| 1 Gbps          | \$160.06                | \$225.14                       |
| 2.5 Gbps        | \$308.82                | \$225.14                       |
| 5 Gbps          | \$469.03                | \$225.14                       |
| 10 Gbps         | \$640.83                | \$225.14                       |

(M)

(M)

Material currently found on this page previously appeared on 2nd Revised Page 17-3345.

Transmittal No. 232



**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(B) Ports

## (1) Per ETS Basic Port

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |     |
|-----------------|-------------------------|-----|--------------------------------|-----|
| 2 Mbps          | \$ 22.93                | (R) | \$131.93                       | (R) |
| 5 Mbps          | \$ 25.38                | (R) | \$131.93                       | (R) |
| 10 Mbps         | \$ 28.03                | (R) | \$131.93                       | (R) |
| 20 Mbps         | \$ 31.15                | (R) | \$131.93                       | (R) |
| 50 Mbps         | \$ 33.01                | (R) | \$131.93                       | (R) |
| 100 Mbps        | \$ 36.01                | (R) | \$131.93                       | (R) |
| 250 Mbps        | \$ 49.71                | (R) | \$131.93                       | (R) |
| 500 Mbps        | \$ 63.02                | (R) | \$197.64                       | (R) |
| 750 Mbps        | \$ 79.70                | (R) | \$197.64                       | (R) |
| 1 Gbps          | \$ 96.04                | (R) | \$197.64                       | (R) |
| 2.5 Gbps        | \$184.45                | (R) | \$197.64                       | (R) |
| 5 Gbps          | \$280.36                | (R) | \$197.64                       | (R) |
| 10 Gbps         | \$383.66                | (R) | \$197.64                       | (R) |

## (2) Per ETS Interconnection Port

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |     |
|-----------------|-------------------------|-----|--------------------------------|-----|
| 44.736 Mbps     | \$373.77                | (R) | \$ 89.14                       | (R) |
| 155.52 Mbps     | \$448.52                | (R) | \$133.45                       | (R) |
| 622.08 Mbps     | \$747.54                | (R) | \$133.45                       | (R) |

Transmittal No. 224

Issued: June 17, 2019

Effective: July 2, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs)

## (1) Per Intraswitch ETS EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |     |
|-----------------|-------------------------|--------------------------------|-----|
| 2 Mbps          | \$0.00                  | \$104.42                       | (R) |
| 5 Mbps          | \$0.00                  | \$104.42                       | (R) |
| 10 Mbps         | \$0.00                  | \$104.42                       | (R) |
| 20 Mbps         | \$0.00                  | \$104.42                       | (R) |
| 50 Mbps         | \$0.00                  | \$104.42                       | (R) |
| 100 Mbps        | \$0.00                  | \$104.42                       | (R) |
| 250 Mbps        | \$0.00                  | \$104.42                       | (R) |
| 500 Mbps        | \$0.00                  | \$156.37                       | (R) |
| 750 Mbps        | \$0.00                  | \$156.37                       | (R) |
| 1 Gbps          | \$0.00                  | \$156.37                       | (R) |
| 2.5 Gbps        | \$0.00                  | \$156.37                       | (R) |
| 5 Gbps          | \$0.00                  | \$156.37                       | (R) |
| 10 Gbps         | \$0.00                  | \$156.37                       | (R) |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

| <u>Near<br/>Real Time</u> | <u>Real<br/>Time</u> |     |
|---------------------------|----------------------|-----|
| \$0.14                    | \$0.28               | (R) |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

| <u>Near<br/>Real Time</u> | <u>Real<br/>Time</u> |     |
|---------------------------|----------------------|-----|
| \$0.08                    | \$0.15               | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

## (1) Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

| <u>Near</u>      | <u>Real</u> |
|------------------|-------------|
| <u>Real Time</u> | <u>Time</u> |
| \$0.04           | \$0.09      |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

| <u>Near</u>      | <u>Real</u> |
|------------------|-------------|
| <u>Real Time</u> | <u>Time</u> |
| \$0.03           | \$0.06      |

## (2) Per Interswitch ETS EVC

| <u>Capacity</u> | <u>Monthly</u> |     | <u>Nonrecurring</u> |     |
|-----------------|----------------|-----|---------------------|-----|
|                 | <u>Rate</u>    |     | <u>Charge</u>       |     |
| 2 Mbps          | \$ 9.83        | (R) | \$104.42            | (R) |
| 5 Mbps          | \$ 13.29       | (R) | \$104.42            | (R) |
| 10 Mbps         | \$ 24.92       | (R) | \$104.42            | (R) |
| 20 Mbps         | \$ 49.84       | (R) | \$104.42            | (R) |
| 50 Mbps         | \$ 67.22       | (R) | \$104.42            | (R) |
| 100 Mbps        | \$ 107.24      | (R) | \$104.42            | (R) |
| 250 Mbps        | \$ 220.89      | (R) | \$104.42            | (R) |
| 500 Mbps        | \$ 368.13      | (R) | \$156.37            | (R) |
| 750 Mbps        | \$ 489.22      | (R) | \$156.37            | (R) |
| 1 Gbps          | \$ 640.23      | (R) | \$156.37            | (R) |
| 2.5 Gbps        | \$1,233.19     | (R) | \$156.37            | (R) |
| 5 Gbps          | \$1,874.02     | (R) | \$156.37            | (R) |
| 10 Gbps         | \$2,563.34     | (R) | \$156.37            | (R) |

Transmittal No. 224

**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

## (2) Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

| <u>Near</u>      |     | <u>Real</u> |     |
|------------------|-----|-------------|-----|
| <u>Real Time</u> |     | <u>Time</u> |     |
| \$0.46           | (R) | \$0.94      | (R) |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

| <u>Near</u>      |     | <u>Real</u> |     |
|------------------|-----|-------------|-----|
| <u>Real Time</u> |     | <u>Time</u> |     |
| \$0.28           | (R) | \$0.56      | (R) |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

| <u>Near</u>      |     | <u>Real</u> |     |
|------------------|-----|-------------|-----|
| <u>Real Time</u> |     | <u>Time</u> |     |
| \$0.17           | (R) | \$0.34      | (R) |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

| <u>Near</u>      |  | <u>Real</u> |     |
|------------------|--|-------------|-----|
| <u>Real Time</u> |  | <u>Time</u> |     |
| \$0.11           |  | \$0.21      | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(D) ETS Extended Ethernet Virtual Connections (E-EVCs)

Per ETS E-EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |     |
|-----------------|-------------------------|-----|--------------------------------|-----|
| 2 Mbps          | \$ 6.55                 | (R) | \$208.84                       | (R) |
| 5 Mbps          | \$ 8.30                 | (R) | \$208.84                       | (R) |
| 10 Mbps         | \$ 14.96                | (R) | \$208.84                       | (R) |
| 20 Mbps         | \$ 29.90                | (R) | \$208.84                       | (R) |
| 50 Mbps         | \$ 44.82                | (R) | \$208.84                       | (R) |
| 100 Mbps        | \$ 72.03                | (R) | \$208.84                       | (R) |
| 250 Mbps        | \$ 149.93               | (R) | \$208.84                       | (R) |
| 500 Mbps        | \$ 232.08               | (R) | \$313.26                       | (R) |
| 750 Mbps        | \$ 315.63               | (R) | \$313.26                       | (R) |
| 1 Gbps          | \$ 400.15               | (R) | \$313.26                       | (R) |
| 2.5 Gbps        | \$ 771.53               | (R) | \$313.26                       | (R) |
| 5 Gbps          | \$1,172.05              | (R) | \$313.26                       | (R) |
| 10 Gbps         | \$1,602.08              | (R) | \$313.26                       | (R) |

(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)

- (1) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to fifty miles.

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |     |
|-----------------|-------------------------|-----|--------------------------------|-----|
| 2 Mbps          | \$ 38.12                | (R) | \$208.84                       | (R) |
| 5 Mbps          | \$ 49.48                | (R) | \$208.84                       | (R) |
| 10 Mbps         | \$ 95.97                | (R) | \$208.84                       | (R) |
| 20 Mbps         | \$ 182.30               | (R) | \$208.84                       | (R) |
| 50 Mbps         | \$ 301.98               | (R) | \$208.84                       | (R) |
| 100 Mbps        | \$ 426.58               | (R) | \$208.84                       | (R) |
| 250 Mbps        | \$ 970.72               | (R) | \$208.84                       | (R) |
| 500 Mbps        | \$1,329.93              | (R) | \$313.26                       | (R) |
| 750 Mbps        | \$1,784.03              | (R) | \$313.26                       | (R) |
| 1 Gbps          | \$2,258.36              | (R) | \$313.26                       | (R) |
| 2.5 Gbps        | \$4,346.88              | (R) | \$313.26                       | (R) |
| 5 Gbps          | \$6,606.19              | (R) | \$313.26                       | (R) |
| 10 Gbps         | \$9,032.30              | (R) | \$313.26                       | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)  
(Cont'd)

(2) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is between fifty-one and seventy-five miles.

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |     |
|-----------------|-------------------------|-----|--------------------------------|-----|
| 2 Mbps          | \$ 63.84                | (R) | \$208.84                       | (R) |
| 5 Mbps          | \$ 101.08               | (R) | \$208.84                       | (R) |
| 10 Mbps         | \$ 196.83               | (R) | \$208.84                       | (R) |
| 20 Mbps         | \$ 265.99               | (R) | \$208.84                       | (R) |
| 50 Mbps         | \$ 538.20               | (R) | \$208.84                       | (R) |
| 100 Mbps        | \$ 656.09               | (R) | \$208.84                       | (R) |
| 250 Mbps        | \$ 1,137.91             | (R) | \$208.84                       | (R) |
| 500 Mbps        | \$ 1,558.21             | (R) | \$313.26                       | (R) |
| 750 Mbps        | \$ 2,096.40             | (R) | \$313.26                       | (R) |
| 1 Gbps          | \$ 2,665.36             | (R) | \$313.26                       | (R) |
| 2.5 Gbps        | \$ 5,131.88             | (R) | \$313.26                       | (R) |
| 5 Gbps          | \$ 7,795.94             | (R) | \$313.26                       | (R) |
| 10 Gbps         | \$10,661.16             | (R) | \$313.26                       | (R) |

Transmittal No. 224

Issued: June 17, 2019

Effective: July 2, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions

## (1) DSL Access Service Connection

## (a) Per ETS Basic Port equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |     |
|-----------------|----------------------------|-----|
| 2 Mbps          | \$76.40                    | (R) |
| 5 Mbps          | \$76.40                    | (R) |
| 10 Mbps         | \$76.40                    | (R) |
| 20 Mbps         | \$76.40                    | (R) |
| 50 Mbps         | \$76.40                    | (R) |
| 100 Mbps        | \$76.40                    | (R) |
| 250 Mbps        | \$76.40                    | (R) |
| 500 Mbps        | \$114.61                   | (R) |
| 750 Mbps        | \$114.61                   | (R) |
| 1 Gbps          | \$114.61                   | (R) |
| 2.5 Gbps        | \$114.61                   | (R) |
| 5 Gbps          | \$114.61                   | (R) |
| 10 Gbps         | \$114.61                   | (R) |

## (b) Per ETS Interconnection Port equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |     |
|-----------------|----------------------------|-----|
| 44.736 Mbps     | \$ 76.40                   | (R) |
| 155.52 Mbps     | \$ 114.61                  | (R) |
| 622.08 Mbps     | \$ 114.61                  | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions (Cont'd)

## (1) DSL Access Service Connection (Cont'd)

## (c) Per ETS MM-VCC

|                       | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|-----------------------|---------------------|----------------------------|
|                       |                     | \$3.57 (R)                 |
| Per 10 Mbps increment | \$1.55 (R)          |                            |

## (d) Per ETS Design Change

| <u>Nonrecurring Charge</u> |
|----------------------------|
| \$3.57 (R)                 |

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(G) ETS Port Protection

- (a) Per feature when customer designated premises located within 300 feet of ETS SWC at speeds of:

|                     | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |     |
|---------------------|-------------------------|-----|--------------------------------|-----|
| 2 Mbps to 1 Gbps    | \$ 56.96                | (R) | \$285.24                       | (R) |
| 2.5 Gbps to 10 Gbps | \$142.28                | (R) | \$285.24                       | (R) |

- (b) Per feature when customer designated premises located more than 300 feet of ETS SWC at speeds of:

|                     | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |     |
|---------------------|-------------------------|-----|--------------------------------|-----|
| 2 Mbps to 1 Gbps    | \$131.15                | (R) | \$285.24                       | (R) |
| 2.5 Gbps to 10 Gbps | \$318.90                | (R) | \$285.24                       | (R) |

(H) ETS Term Discount Plan

| <u>Term<br/>Commitment</u> | <u>Percentage</u> |
|----------------------------|-------------------|
| 36 Months                  | 10%               |
| 60 Months                  | 20%               |

(I) ETS Volume Discount Plan

| <u>Number of<br/>Committed ETS<br/>Ports In-Service<br/>On Bill Date</u> | <u>Percentage</u> |
|--|-------------------|
| 0 to 4   | 0%                |
| 5 and above  | 10%               |

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**ACCESS SERVICE**17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.4 Internet Protocol Gateway Access Service\*

(C)

Regulations concerning Internet Protocol Gateway Access Service are set forth in Section 16.9 of the JSI Tariff F.C.C. No. 1.

|     |  | Monthly<br>Rate     | Nonrecurring<br>Charge |
|-----|--|---------------------|------------------------|
| (A) | IPG Transport Termination<br>Per Termination         |                     |                        |
|     | - DS1 1.544 Mbps                                     | \$ 76.51            | \$168.09               |
|     | - DS3 44.736 Mbps                                    | \$630.78            | \$226.67               |
| (B) | IPG Transport Mileage                                |                     |                        |
|     |  | <u>Monthly Rate</u> |                        |
| (1) | IPG Transport Mileage Facility<br>Per Mile           |                     |                        |
|     | - 1.544 Mbps   | \$ 4.73             |                        |
|     | - 44.736 Mbps  | \$41.23             |                        |
| (2) | IPG Transport Mileage Termination<br>Per Termination |                     |                        |
|     | - 1.544 Mbps   | \$ 24.56            |                        |
|     | - 44.736 Mbps  | \$157.70            |                        |
| (C) | IPG Port<br>Per Port                                 |                     |                        |
|     | - 1.544 Mbps   | \$ 24.56            |                        |
|     | - 44.736 Mbps  | \$303.85            |                        |

\*Rates and charges apply to existing customers as of July 1, 2020. Services for new customers and for existing customers who request moves, additions or changes after July 1, 2020 will be offered on a contractual basis. Pursuant to the Federal Communications Commission Report and Order FCC 18-146 released October 24, 2018, 83 FR 67098 (12/28/18), this service will be detariffed and transitioned to contract on or before July 1, 2023.

(N)  
|  
(N)

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

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## ACCESS SERVICE

### 17. Rates and Charges - Mark Twain Rural Telephone Company

#### 17.1 Common Line Access Service

##### 17.1.1 End User Access Service

(C)

Rates for the Telephone Company's End User Access service may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

(N)

##### 17.1.2 Federal Universal Service Charge (FUSC)

Rates for the Telephone Company's Federal Universal Service Charge (FUSC) may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

##### 17.1.3 ISDN Line and DS1 Line Port Charges

(N)

Rates for the Telephone Company's ISDN Line Ports and DS1 Line Ports may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.2 Switched Access Service17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(A) Local Transport - Installation  
Per Entrance Facility

6.4.1(B)(1)

|                                    |          |
|------------------------------------|----------|
| - Voice Grade Two Wire             | \$483.86 |
| - Voice Grade Four Wire            | \$483.86 |
| - High Capacity DS1                | \$354.84 |
| - High Capacity DS3                | \$478.49 |
| - Synchronous Optical Channel OC3  | \$387.09 |
| - Synchronous Optical Channel OC12 | \$387.09 |
| - ESALT 2 Mbps                     | \$573.45 |
| - ESALT 10 Mbps                    | \$573.45 |
| - ESALT 50 Mbps                    | \$573.45 |

(B) Interim NXX Translation  
Per Order

\$236.56

6.4.1(B)(2)

Per LATA or Market Area

(C) FGC and FGD Conversion of  
Multifrequency Address  
Signaling to SS7 Signaling  
or SS7 Signaling to  
Multifrequency Address  
Signaling

- Per 24 Trunks Converted  
or Fraction thereof on  
a Per Order Basis

\$475.25

6.4.1(B)(3)

(D) Direct Trunked Transport  
ActivatedPer Order

- Per 24 Trunks Activated  
or Fraction thereof on  
a Per Order Basis

\$493.53

6.4.1(B)(1)

(E) ESALT Direct Trunked  
Termination

6.4.1(B)(1)

- Per ESALT Direct Trunked  
Termination Installation

\$377.81

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(F) Flexible Automatic Number  
Identification (Flex ANI)

- Per End Office, Per CIC

None

6.4.1(B)(1)

(G) ESALT Entrance Facility  
Protection- Per ESALT  
Entrance Facility

\$579.65

17.2.2 Local TransportMonthly  
RatePremium Access- Entrance Facility  
Per Termination

6.1.3(A)(1)

|                         |            |
|-------------------------|------------|
| - Voice Grade Two Wire  | \$ 30.22   |
| - Voice Grade Four Wire | \$ 48.37   |
| - High Capacity DS1     | \$ 147.36  |
| - High Capacity DS3     | \$1,345.55 |
| - Optical Channel OC3   | \$1,372.06 |
| - Optical Channel OC12  | \$1,464.92 |
| - ESALT 2 Mbps          | \$ 261.01  |
| - ESALT 10 Mbps         | \$ 281.33  |
| - ESALT 50 Mbps         | \$ 364.48  |

(N)

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Effective: July 1, 2017

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)Monthly  
RateTariff  
Section  
Reference

|   |                                   |           |             |
|---|-----------------------------------|-----------|-------------|
| - | <u>Direct Trunked Transport</u>   |           | 6.1.3(A)(2) |
| - | <u>Direct Trunked Facility</u>    |           |             |
|   | Per Mile                          |           |             |
| - | Voice Grade                       | \$ 2.16   |             |
| - | High Capacity DS1                 | \$ 10.09  |             |
| - | High Capacity DS3                 | \$ 87.95  |             |
| - | Optical Channel OC3               | \$ 94.15  |             |
| - | Optical Channel OC12              | \$ 118.16 |             |
| - | Per DTF-E1 Facility               |           |             |
|   | ESALT 2 Mbps                      | \$ 29.74  |             |
|   | ESALT 10 Mbps                     | \$ 75.41  |             |
|   | ESALT 50 Mbps                     | \$ 211.13 |             |
| - | Per DTF-E2 Facility               |           |             |
|   | ESALT 2 Mbps                      | \$ 19.83  |             |
|   | ESALT 10 Mbps                     | \$ 45.25  |             |
|   | ESALT 50 Mbps                     | \$ 140.77 |             |
| - | Per DTF-E3 Facility               |           |             |
|   | ESALT 2 Mbps                      | \$ 51.21  |             |
|   | ESALT 10 Mbps                     | \$ 128.90 |             |
|   | ESALT 50 Mbps                     | \$ 421.00 |             |
| - | Per DTF-E4 Facility               |           |             |
|   | ESALT 2 Mbps                      | \$ 85.75  |             |
|   | ESALT 10 Mbps                     | \$ 264.40 |             |
|   | ESALT 50 Mbps                     | \$ 750.29 |             |
| - | <u>Direct Trunked Termination</u> |           |             |
|   | Per Termination                   |           |             |
| - | Voice Grade                       | \$ 21.64  |             |
| - | High Capacity DS1                 | \$ 52.39  |             |
| - | High Capacity DS3                 | \$ 336.38 |             |
| - | Optical Channel OC3               | \$ 350.25 |             |
| - | Optical Channel OC12              | \$ 762.59 |             |
| - | ESALT 2 Mbps                      | \$ 69.40  |             |
| - | ESALT 10 Mbps                     | \$ 84.83  |             |
| - | ESALT 50 Mbps                     | \$ 103.68 |             |

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

| 17.2   | <u>Switched Access Service</u> (Cont'd)       | Monthly<br>Rate | Tariff<br>Section<br>Reference |
|--------|---|-----------------|--------------------------------|
| 17.2.2 | <u>Local Transport</u> (Cont'd)               |                 |                                |
|        | <u>Multiplexing</u>                           |                 |                                |
|        | Per Arrangement                               |                 | 6.1.3(A)(5)                    |
|        | - DS3 to DS1                                  | \$ 306.91       |                                |
|        | - DS1 to Voice                                | \$ 118.49       |                                |
|        | <u>Premium Access</u>                         |                 |                                |
| -      | <u>Tandem Switched Transport</u>              |                 | 6.1.3(A)(3)                    |
|        | - <u>Tandem Switched Facility</u>             | \$0.000129      |                                |
|        | Per Access Minute Per Mile                    |                 |                                |
| -      | <u>Tandem Switched Termination</u>            | \$0.000674      |                                |
|        | Per Access Minute                             |                 |                                |
|        | Per Termination                               |                 |                                |
| -      | <u>Tandem Switching</u>                       | \$0.001698      | 6.1.3(A)(3)                    |
|        | Per Access Minute                             |                 |                                |
|        | Per Tandem                                    |                 |                                |
| -      | <u>Network Blocking Per Blocked Call</u>      |                 |                                |
|        | Applies to FGD only                           | \$0.010554      | 6.8.6                          |
| -      | <u>800 Series Data Base Access Service</u>    |                 |                                |
|        | <u>Queries</u>                                |                 |                                |
|        | Per Query                                     |                 |                                |
|        | Basic   | \$0.003646      |                                |
|        | Vertical Feature                              | \$0.004030      |                                |
|        | <u>ESALT Real Time CoS/QoS</u>                |                 |                                |
|        | Per ESALT Direct Trunked Facility, Per Option |                 |                                |
|        | ESALT 2 Mbps                                  | \$ 5.68         |                                |
|        | ESALT 10 Mbps                                 | \$ 28.40        |                                |
|        | ESALT 50 Mbps                                 | \$ 88.39        |                                |
|        | <u>ESALT Entrance Facility Protection</u>     |                 |                                |
|        | Per ESALT Entrance Facility                   |                 |                                |
|        | ESALT 2 Mbps                                  | \$182.84        |                                |
|        | ESALT 10 Mbps                                 | \$182.84        |                                |
|        | ESALT 50 Mbps                                 | \$182.84        |                                |

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)Non-Premium Access (Cont'd)(A) Common Channel Signaling  
Network Connection(1) Signaling Network Access Link

|  | <u>Rate</u> |
|--|-------------|
| - Signaling Mileage<br>Facility per mile           | \$ 2.90     |
| - Signaling Mileage Termination<br>per Termination | \$ 29.13    |

Nonrecurring  
Charge

|   |          |          |
|---|----------|----------|
| - Signaling Entrance Facility<br>per Facility | \$ 55.78 | \$419.35 |
| (2) STP Port                                  |          |          |
| - per port                                    | \$287.49 |          |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff  
Section  
Reference(A) Local Switching  
Premium

|                                 |            |             |     |
|---------------------------------|------------|-------------|-----|
| - Per Originating Access Minute | \$0.012353 | 6.1.3(B)(1) |     |
| - Per Terminating Access Minute | \$0.000000 |             | (R) |

Non-Premium

|                                 |            |             |     |
|---------------------------------|------------|-------------|-----|
| - Per Originating Access Minute | \$0.005559 | 6.1.3(B)(1) |     |
| - Per Terminating Access Minute | \$0.000000 |             | (R) |

(B) Information Surcharge-Premium

|                                    |            |             |  |
|------------------------------------|------------|-------------|--|
| Per Originating 100 Access Minutes | \$0.033964 | 6.1.3(B)(2) |  |
| Per Terminating 100 Access Minutes | \$0.000000 |             |  |

-Non-Premium

|                                    |            |             |  |
|------------------------------------|------------|-------------|--|
| Per Originating 100 Access Minutes | \$0.015284 | 6.1.3(B)(2) |  |
| Per Terminating 100 Access Minutes | \$0.000000 |             |  |

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**ACCESS SERVICE**

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

|      |   |  |                                 |                                |
|------|---|--|---------------------------------|--------------------------------|
| 17.2 | <u>Switched Access Service</u> (Cont'd) |  | Assumed<br>Minutes<br>Per Month | Tariff<br>Section<br>Reference |
|      | 17.2.5 <u>Assumed Minutes of Use</u>    |  |                                 |                                |
|      | (A)                                     | Feature Group A,<br>Two Way Calling<br>(1510 Originating,<br>2685 Terminating) | 4195                            | 6.5.4                          |
|      | (B)                                     | Feature Group A,<br>Originating Only   | 1510                            | 6.5.4                          |
|      | (C)                                     | Feature Group A,<br>Terminating Only   | 2685                            | 6.5.4                          |
|      | (D)                                     | Feature Group B,<br>Two Way Calling<br>(3132 Originating,<br>5568 Terminating) | 8700                            | 6.6.4                          |
|      | (E)                                     | Feature Group B,<br>Originating Only   | 3132                            | 6.6.4                          |
|      | (F)                                     | Feature Group B,<br>Terminating Only   | 5568                            | 6.6.4                          |

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

The Telephone Company's Surcharge for Special Access Service rate may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.2 Metallic Service

Regulations concerning Metallic Service are set forth in Section 7.4 preceding.

|     |  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----|--|-------------------------|--------------------------------|
| (A) | Channel Termination<br>Per Termination         | ICB                     | ICB                            |
| (B) | Channel Mileage                                |                         |                                |
| (1) | Channel Mileage Facility<br>Per Mile           | ICB                     |                                |
| (2) | Channel Mileage Termination<br>Per Termination | ICB                     |                                |
| (C) | Optional Features and Functions                |                         |                                |
| (1) | Bridging                                       |                         |                                |
| (a) | Three Premises Bridging<br>Per Port            | ICB                     |                                |
| (b) | Series Bridging<br>Per Port                    | ICB                     |                                |
| (2) | DSL Access Service Connection                  |                         |                                |
| (a) | Per 10BASE-T                                   | ICB                     | ICB                            |
| (b) | Per 100BASE-T                                  | ICB                     | ICB                            |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.3 Telegraph Grade Service

Regulations concerning Telegraph Grade Service are set forth in Section 7.5 preceding.

|   | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|---|-------------------------|--------------------------------|
| (A) Channel Termination Per Termination         |                         |                                |
| - Two-Wire                                      | ICB                     | ICB                            |
| - Four-Wire                                     | ICB                     | ICB                            |
| (B) Channel Mileage                             |                         |                                |
| (1) Channel Mileage Facility Per Mile           | ICB                     |                                |
| (2) Channel Mileage Termination Per Termination | ICB                     |                                |
| (C) Optional Features and Functions             |                         |                                |
| (1) Telegraph Bridging Per Port                 |                         |                                |
| - Two-Wire                                      | ICB                     |                                |
| - Four-Wire                                     | ICB                     |                                |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.6 of the JSI Tariff F.C.C. No. 1.

|     |   | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |     |
|-----|---|-------------------------|--------------------------------|-----|
| (A) | Channel Termination<br>Per Termination            |                         |                                |     |
|     | - Two-Wire  | \$28.14 (R)             | \$450.00                       |     |
|     | - Four-Wire                                       | \$45.02 (R)             | \$450.00                       |     |
| (B) | Channel Mileage                                   |                         |                                |     |
| (1) | Channel Mileage<br>Facility<br>Per Mile           | \$ 2.01                 |                                | (R) |
| (2) | Channel Mileage<br>Termination<br>Per Termination | \$20.14                 |                                | (R) |
| (C) | Optional Features and<br>Functions                |                         |                                |     |
| (1) | Bridging  |                         |                                |     |
| (a) | <u>Voice Bridging</u><br>Per Port                 |                         |                                |     |
|     | Two-Wire/Four-Wire                                |                         |                                |     |
|     | - Two-Wire  | \$ 3.40                 |                                | (R) |
|     | - Four-Wire                                       | \$ 3.40                 |                                | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)Monthly  
Rate

## (C) Optional Features and Functions (Cont'd)

## (1) Bridging (Cont'd)

(b) Data Bridging

Per Port

- Two-Wire

\$3.40

(R)

- Four-Wire

\$3.40

(R)

(c) Telephoto Bridging per port

- Two-Wire

\$3.40

(R)

- Four-Wire

\$3.40

(R)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

|     |   | Monthly<br>Rate |     |
|-----|---|-----------------|-----|
| (C) | Optional Features and Functions (Cont'd)  |                 |     |
| (2) | Conditioning Per Termination  |                 |     |
|     | - C Type  | \$4.99          | (R) |
|     | - Improved Attenuation Distortion*  | None            |     |
|     | - Improved Envelope Delay Distortion*   | None            |     |
|     | - Data Capability   | \$4.42          | (R) |
|     | - Telephoto Capability  | \$4.70          | (R) |
|     | - Sealing Current   | None            |     |
| (3) | Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination |                 |     |
|     | - Two-Wire  | \$7.12          | (R) |
|     | - Four-Wire   | \$7.12          | (R) |
| (4) | Customer Specified Receive Level per two-wire termination                             | \$5.39          | (R) |

\* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

|     |  | Monthly<br>Rate |     |
|-----|--|-----------------|-----|
| (C) | Optional Features and Functions (Cont'd)   |                 |     |
| (5) | Multiplexing Per arrangement<br>Voice to Telegraph Grade                           | \$117.96        | (R) |
| (6) | Signaling Capability<br>Per termination  | \$ 11.41        | (R) |
| (7) | Selective Signaling Arrangement<br>Per arrangement                                 | \$ 3.40         | (R) |
| (8) | Transfer Arrangement<br>(key activated*<br>or dial up**)                           |                 |     |
| -   | Per four port arrangement<br>including control channel<br>termination***           | \$ 1.62         | (R) |
| -   | Per five port arrangement<br>including control channel<br>termination***           | \$ 3.73         | (R) |
| (9) | Public Packet Switching Network<br>(PPSN) Interface Arrangement Per<br>arrangement | ICB             |     |

ICB rates and charges are filed in Section 17.3.9 following.

\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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Effective: July 1, 2020

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.5 Program Audio Service

Regulations concerning Program Audio Service are set forth in Section 7.7 preceding.

|     |  | <u>Monthly<br/>Rate</u> | <u>Daily*<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |                    |
|-----|--|-------------------------|------------------------|--------------------------------|--------------------|
|     |  |                         |                        | <u>Monthly</u>                 | <u>Daily</u>       |
| (A) | Channel Termination<br>Per Termination         |                         |                        |                                |                    |
|     | - 200 to 3500 Hz                               | ICB                     | ICB                    | ICB                            | ICB                |
|     | - 100 to 5000 Hz                               | ICB                     | ICB                    | ICB                            | ICB                |
|     | - 50 to 8000 Hz                                | ICB                     | ICB                    | ICB                            | ICB                |
|     | - 50 to 15000 Hz                               | ICB                     | ICB                    | ICB                            | ICB                |
| (B) | Channel Mileage                                |                         |                        |                                |                    |
| (1) | Channel Mileage Facility<br>Per Mile           |                         | <u>Monthly Rate</u>    |                                | <u>Daily* Rate</u> |
|     | - 200 to 3500 Hz                               |                         | ICB                    |                                | ICB                |
|     | - 100 to 5000 Hz                               |                         | ICB                    |                                | ICB                |
|     | - 50 to 8000 Hz                                |                         | ICB                    |                                | ICB                |
|     | - 50 to 15000 Hz                               |                         | ICB                    |                                | ICB                |
| (2) | Channel Mileage Termination<br>Per Termination |                         |                        |                                |                    |
|     | - 200 to 3500 Hz                               |                         | ICB                    |                                | ICB                |
|     | - 100 to 5000 Hz                               |                         | ICB                    |                                | ICB                |
|     | - 50 to 8000 Hz                                |                         | ICB                    |                                | ICB                |
|     | - 50 to 15000 Hz                               |                         | ICB                    |                                | ICB                |

\* Daily Rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of the JSI Tariff F.C.C. No. 1.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.5 Program Audio Service (Cont'd)

|     |  | <u>Monthly<br/>Rate</u> | <u>Daily*<br/>Rate</u> |
|-----|--|-------------------------|------------------------|
| (C) | Optional Features and Functions              |                         |                        |
| (1) | Bridging, Distribution<br>Amplifier Per Port | ICB                     | ICB                    |
| (2) | Gain Conditioning<br>per service             | ICB                     | ICB                    |
| (3) | Stereo per service                           | ICB                     | ICB                    |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)17.3.6 Video Service

Regulations concerning Video Service are set forth in Section 7.8 preceding.

|     |   | <u>Monthly<br/>Rate</u> | <u>Daily*<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |              |
|-----|---|-------------------------|------------------------|--------------------------------|--------------|
|     |   |                         |                        | <u>Monthly</u>                 | <u>Daily</u> |
| (A) | Channel Termination<br>Per Termination            |                         |                        |                                |              |
|     | - TV-1 or 2                                       | ICB                     | ICB                    | ICB                            | ICB          |
|     | - 4TV-5   | ICB                     | ICB                    | ICB                            | ICB          |
|     | - 6TV-5   | ICB                     | ICB                    | ICB                            | ICB          |
|     | - TV-15   | ICB                     | ICB                    | ICB                            | ICB          |
| (B) | Channel Mileage                                   |                         | <u>Monthly Rate</u>    | <u>Daily Rate*</u>             |              |
| (1) | Channel Mileage<br>Facility Per Mile              |                         |                        |                                |              |
|     | - All   |                         | ICB                    | ICB                            |              |
| (2) | Channel Mileage<br>Termination<br>Per Termination |                         |                        |                                |              |
|     | - All   |                         | ICB                    | ICB                            |              |

\* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of the JSI Tariff No. 1.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.9 of the JSI Tariff No. 1.

Monthly  
Rate

Nonrecurring  
Charge

(A) Channel Termination  
Per Termination

|             |         |     |          |
|-------------|---------|-----|----------|
| - 2.4 kbps  | \$51.94 | (R) | \$390.00 |
| - 4.8 kbps  | 51.94   | (R) | 390.00   |
| - 9.6 kbps  | 51.94   | (R) | 390.00   |
| - 19.2 kbps | 51.94   | (R) | 390.00   |
| - 56.0 kbps | 51.94   | (R) | 390.00   |
| - 64.0 kbps | 51.94   | (R) | 390.00   |

## (B) Channel Mileage

(1) Channel Mileage Facility  
Per Mile

|             |        |     |
|-------------|--------|-----|
| - 2.4 kbps  | \$1.91 | (R) |
| - 4.8 kbps  | 1.91   | (R) |
| - 9.6 kbps  | 1.91   | (R) |
| - 19.2 kbps | 1.91   | (R) |
| - 56.0 kbps | 2.71   | (R) |
| - 64.0 kbps | 2.71   | (R) |

(2) Channel Mileage Termination  
Per Termination

|             |         |     |
|-------------|---------|-----|
| - 2.4 kbps  | \$19.14 | (R) |
| - 4.8 kbps  | 19.14   | (R) |
| - 9.6 kbps  | 19.14   | (R) |
| - 19.2 kbps | 19.14   | (R) |
| - 56.0 kbps | 27.11   | (R) |
| - 64.0 kbps | 27.11   | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

|     |   | Monthly<br>Rate |     |
|-----|---|-----------------|-----|
| (C) | Optional Features and Functions                             |                 |     |
| (1) | Bridging Per port   | \$ 4.57         | (R) |
| (2) | Loop Transfer Arrangement                                   | \$ 3.24         | (R) |
|     | Per four port arrangement*<br>Key activated** or Dial-Up*** |                 |     |
| (3) | Public Packet Switching<br>Network Interface Arrangement    |                 |     |
|     | - Per 9.6 kbps arrangement                                  | ICB             |     |
|     | - Per 56.0 kbps arrangement                                 | ICB             |     |
| (D) | Channel Service Unit Per Termination****                    |                 |     |
|     | - 2.4 kbps  | \$16.20         | (R) |
|     | - 4.8 kbps  | 16.20           | (R) |
|     | - 9.6 kbps  | 16.20           | (R) |
|     | - 56.0 kbps   | 16.20           | (R) |

\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center. ICB Rates and Charges are filed in Section 17.3.9 following.

\*\* The key activated control channel is rated as a metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-Up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

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Issued: June 16, 2020

Effective: July 1, 2020

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.10 of the JSI Tariff F.C.C. No. 1.

|  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--|-------------------------|--------------------------------|
| (A) Channel Termination<br>Per Termination         |                         |                                |
| - DS1 1.544 Mbps                                   | \$ 129.49 (R)           | \$330.00                       |
| - DS1C 3.152 Mbps                                  | ICB                     | ICB                            |
| - DS2 6.312 Mbps                                   | ICB                     | ICB                            |
| - DS3 44.736 Mbps                                  | \$1,067.58 (R)          | \$445.00                       |
| - DS4 274.176 Mbps                                 | ICB                     | ICB                            |
| (B) Channel Mileage                                |                         |                                |
|  | <u>Monthly Rate</u>     |                                |
| (1) Channel Mileage Facility<br>Per Mile           |                         |                                |
| - 64.0 Kbps  | \$ 2.71                 | (R)                            |
| - 1.544 Mbps                                       | \$ 8.02                 | (R)                            |
| - 3.152 Mbps                                       | ICB                     |                                |
| - 6.312 Mbps                                       | ICB                     |                                |
| - 44.736 Mbps                                      | \$69.78                 | (R)                            |
| - 274.176 Mbps                                     | ICB                     |                                |
| (2) Channel Mileage Termination<br>Per Termination |                         |                                |
| - 64.0 Kbps  | \$ 27.11                | (R)                            |
| - 1.544 Mbps                                       | \$ 41.57                | (R)                            |
| - 3.152 Mbps                                       | ICB                     |                                |
| - 6.312 Mbps                                       | ICB                     |                                |
| - 44.736 Mbps                                      | \$266.89                | (R)                            |
| - 274.176 Mbps                                     | ICB                     |                                |

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Issued: June 16, 2020

Effective: July 1, 2020

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

| (C) | Term Discounts                    | <u>Percentage</u>   |     |
|-----|-----------------------------------|---------------------|-----|
|     | DS1 and DS3 services              |                     |     |
|     | 36 months                         | 10%                 |     |
|     | 60 months                         | 20%                 |     |
|     |                                   | <u>Monthly Rate</u> |     |
| (D) | Optional Features and Functions   |                     |     |
|     | (1) Multiplexing, per arrangement |                     |     |
|     | DS4 to DS1                        | ICB                 |     |
|     | DS3 to DS1                        | \$247.37            | (R) |
|     | DS2 to DS1                        | ICB                 |     |
|     | DS1C to DS1                       | ICB                 |     |
|     | DS1 to Voice*                     | 102.10              | (R) |
|     | DS1 to DSO                        | 102.10              | (R) |
|     | DSO to Subrates                   |                     |     |
|     | - Up to 20 2.4 kbps services      | \$244.07            | (R) |
|     | - Up to 10 4.8 kbps services      | 165.85              | (R) |
|     | - Up to 5 9.6 kbps services       | 147.07              | (R) |

\* A channel of this DS1 to the Hub can be used for Digital Data service.  
ICB rates and charges are filed in Section 17.3.9 following.

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Issued: June 16, 2020

Effective: July 1, 2020

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

|     |   | Monthly<br>Rate | Nonrecurring<br>Charge |
|-----|---|-----------------|------------------------|
| (D) | Optional Features and Functions (Cont'd)  |                 |                        |
| (2) | Automatic Loop Transfer<br>Per arrangement*   | \$82.40         | (R)                    |
| (3) | Transfer Arrangement<br>(key activated** or dial up***)<br>Per four port arrangement including<br>control channel termination**** | \$89.81         | (R)                    |
| (E) | Network Channel Terminating<br>Equipment (NCTE) Per termination#  |                 |                        |
|     | - 1.544 Mbps  | \$ 46.73        | (R)                    |
|     | - Automatic Loop Transfer   | 187.75          | (R)                    |
| (F) | DSL Access Service Connection   |                 |                        |
|     | - per 1.544 Mbps  | \$ 130.62       | (R) \$450.00           |
|     | - per 44.736 Mbps   | 907.07          | (R) 650.00             |

\* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

\*\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

# NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

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**ACCESS SERVICE**

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.10 Synchronous Optical Channel Service

Regulations concerning Synchronous Optical Channel Service are set forth in 7.11 preceding.

|     |  | Monthly<br><u>Rate</u> | Nonrecurring<br><u>Charge</u> |          |
|-----|--|------------------------|-------------------------------|----------|
| (A) | Channel Termination<br>Per Termination         |                        |                               |          |
|     | - OC3/OC3c 155.520 Mbps                        | \$1,090.01             | (R)                           | \$360.00 |
|     | - OC12 622.08 Mbps                             | \$1,362.25             | (R)                           | \$360.00 |
| (B) | Channel Mileage Facility<br>Per Mile           |                        |                               |          |
|     | - OC3/OC3c 155.52 Mbps                         | \$ 74.80               |                               | (R)      |
|     | - OC12 622.08 Mbps                             | \$ 93.88               |                               | (R)      |
| (C) | Channel Mileage Termination<br>Per Termination |                        |                               |          |
|     | - OC3/OC3c 155.52 Mbps                         | \$ 278.23              |                               | (R)      |
|     | - OC12 622.08 Mbps                             | \$ 605.82              |                               | (R)      |

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Issued: June 16, 2020

Effective: July 1, 2020

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.10 Synchronous Optical Channel Service (Cont'd)

## (D) Optional Features and Functions

|     |  |        |      | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----|--|--------|------|-------------------------|-----|--------------------------------|
| (1) | Customer Node<br>Per Node                                |        |      |                         |     |                                |
|     | - OC3/OC3c   | 155.52 | Mbps | \$ 253.10               | (R) | \$640.00                       |
|     | - OC12   | 622.08 | Mbps | \$ 731.19               | (R) | \$640.00                       |
|     | Customer Premises Port<br>Per Port                       |        |      |                         |     |                                |
|     | - OC3/OC3c   | 155.52 | Mbps | \$ 97.22                | (R) | \$640.00                       |
|     | - STS-1  | 51.84  | Mbps | 99.72                   | (R) | \$640.00                       |
|     | - DS3  | 44.736 | Mbps | 99.72                   | (R) | \$640.00                       |
|     | - DS1  | 1.544  | Mbps | \$ 25.57                | (R) | \$640.00                       |
| (2) | Add/Drop Multiplexing<br>Central Office Port<br>Per Port |        |      |                         |     |                                |
|     | - OC3/OC3c   | 155.52 | Mbps | \$ 97.22                |     | (R)                            |
|     | - DS3  | 44.736 | Mbps | 51.13                   |     | (R)                            |
|     | - DS1  | 1.544  | Mbps | \$ 20.46                |     | (R)                            |

## (E) DSL Access Service Connection

|                |                |            |
|----------------|----------------|------------|
| - Per OC3/OC3c | \$1,589.18 (R) | \$1,200.00 |
|----------------|----------------|------------|

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services17.4.1 Access Ordering

|  | <u>Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---------------|---|
| (A) <u>Access Order Charge</u>   |               |   |
| Per order  | \$ 86.00      | 5.4.1                                   |
| (B) <u>Service Date Change Charge</u>  |               |   |
| A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 17.4.1(A) preceding does not apply. The applicable charge is: |               |   |
| Service Date Change Charge,<br>per order   | \$ 60.00      | 5.4.3                                   |
| (C) <u>Design Change Charge</u>  |               |   |
| The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change. The applicable charge is:   |               |   |
| Design Change Charge, per order  | \$ 84.00      | 5.4.3                                   |
| (D) <u>Miscellaneous Service Order Charge</u>  |               |   |
| Per Occurrence   | \$123.00      | 5.4.2                                   |

(N)

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Effective: July 1, 2017

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.2 Additional Engineering

| <u>Additional Engineering<br/>Periods</u> |   | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|---|---|---|
| (A)                                       | Basic Time per engineer<br>normally scheduled<br>working hours          | \$31.03   | 13.1                                    |
| (B)                                       | Overtime per engineer<br>outside of normally<br>scheduled working hours | \$46.55   | 13.1                                    |
| (C)                                       | Premium Time per engineer<br>outside of scheduled work day.             | \$62.06   | 13.1                                    |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor

| <u>Additional Labor<br/>Periods</u> |  | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-------------------------------------|--|---|---|
| (A) Installation or Repair          |  |   |   |
| -                                   | Overtime,<br>outside of normally<br>scheduled working<br>hours on a scheduled<br>work day,<br>per technician | \$47.57*  | 13.2.1 &<br>13.2.2                      |
| -                                   | Premium Time,<br>outside of scheduled<br>work day,<br>per technician   | \$63.42*  | 13.2.1 &<br>13.2.2                      |
| (B) Stand by                        |  |   |   |
| -                                   | Basic time,<br>normally scheduled<br>working hours,<br>per technician  | \$21.18   | 13.2.3                                  |
| -                                   | Overtime,<br>outside of normally<br>scheduled working<br>hours on a scheduled<br>work day<br>per technician  | \$31.77   | 13.2.3                                  |
| -                                   | Premium Time,<br>outside of scheduled<br>work day,<br>per technician   | \$42.36   | 13.2.3                                  |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor (Cont'd)

|     |  | <u>Each Half Hour or Fraction Thereof</u>         |  |   |
|-----|--|---|--|---|
|     | <u>Additional Labor<br/>Periods</u>  | <u>Installation<br/>and Repair<br/>Technician</u> | <u>Central Office<br/>Maintenance<br/>Technician</u> | <u>Tariff<br/>Section<br/>Reference</u> |
| (C) | Testing and Maintenance with<br>other Telephone Companies, or<br>Other Labor |   |  |   |
| -   | Basic Time per technician  | \$31.71   | \$34.66  | 13.2.4 &<br>13.2.5                      |
| -   | normally scheduled working hours   |   |  |   |
| -   | Overtime per technician  | \$47.57   | \$51.99  | 13.2.4 &<br>13.2.5                      |
| -   | outside of normally scheduled<br>working hours on a scheduled<br>work day    |   |  |   |
| -   | Premium Time per technician  | \$63.42   | \$69.32  | 13.2.4 &<br>13.2.5                      |
| -   | outside of scheduled work day  |   |  |   |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services(A) Additional Cooperative Acceptance Testing  
- Switched Access

| <u>Testing Periods</u>                     | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u>                               | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---|---|
| Basic Time, Overtime*<br>and Premium Time* | See the rates<br>for Additional<br>Labor as set<br>forth in 17.4.3(C)<br>preceding. | 13.3.1(A)(1)                            |

(B) Additional Automatic Testing - Switched AccessTo First Point  
of Switching

## Additional Tests

|                         | <u>Per Test Per<br/>Transmission Path</u> |              |
|-------------------------|---|--------------|
| Gain-Slope Tests        | \$2.89                                    | 13.3.1(A)(2) |
| C-Notched Noise Tests   | \$2.89                                    | 13.3.1(A)(2) |
| 1004 Hz Loss**          | \$2.89                                    | 13.3.1(A)(2) |
| C-Message Noise**       | \$2.89                                    | 13.3.1(A)(2) |
| Balance (return loss)** | \$2.89                                    | 13.3.1(A)(2) |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

\*\* 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests; however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein apply.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(C) Additional Manual Testing - Switched AccessTo First Point  
of Switching

Additional Tests

Each Half Hour  
or Fraction  
ThereofTariff  
Section  
ReferenceGain-Slope,  
C-Notched Noise and  
any other agreed to  
tests, per technician  
forth in 17.4.3(C)  
precedingSee the rates  
for Additional  
Labor as set

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing  
- Special AccessTesting PeriodsEach Half  
Hour or  
Fraction  
ThereofTariff  
Section  
ReferenceBasic Time, Overtime\*  
and Premium Time\*See the rates  
for Additional  
Labor as set  
forth in 17.4.3(C)  
preceding.

13.3.1(B)(1)

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(E) Additional Manual Testing - Special Access

| <u>Testing Periods</u>                     | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u>                                     | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---|---|
| Basic Time, Overtime*<br>and Premium Time* | See the<br>rates for<br>Additional<br>Labor as<br>set forth in<br>17.4.3(C)<br>preceding. | 13.3.1(B)(2)                            |

(F) Maintenance of Service

| <u>Maintenance of Service<br/>Periods</u>  | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u>                                  | <u>Tariff<br/>Section<br/>Reference</u> |
|--|--|---|
| Basic Time, Overtime*<br>and Premium Time* | See the<br>rates for<br>Additional<br>Labor as set forth<br>in 17.4.3(C)<br>preceding. | 13.3.2                                  |

(G) Restoration Priority

| <u>Nonrecurring Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|----------------------------|---|
|----------------------------|---|

|                      |         |        |
|----------------------|---------|--------|
| Per service arranged | \$54.63 | 13.3.3 |
|----------------------|---------|--------|

(H) Controller Arrangement

| <u>Monthly<br/>Rate</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-------------------------|---|
| Per Arrangement         | \$100.00 13.3.4(A)                      |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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Effective: July 1, 2017

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

| (I) | <u>Presubscribed Interexchange<br/>Carrier (PIC) Change Charge*</u>   | <u>Nonrecurring Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-----|---|----------------------------|---|
|     | Per Telephone Exchange<br>Service line or trunk for each<br>interLATA PIC Change:   |                            | 13.4(J)                                 |
|     | (1) Submitted using manual methods  | \$ 5.50                    |   |
|     | (2) Submitted using electronic methods  | \$ 1.25                    |   |
|     | (3) Submitted using manual methods<br>when both the interLATA PIC<br>and intraLATA PIC selections<br>are changed simultaneously     | \$ 2.75                    |   |
|     | (4) Submitted using electronic<br>methods when both the interLATA<br>PIC and intraLATA PIC selections<br>are changed simultaneously | \$ 0.63                    |   |
| (J) | <u>Blocking Service**</u>   |                            |   |
|     | Per exchange service line<br>or trunk and/or per Feature<br>Group A Switched Access line  | \$ 11.20                   | 13.8                                    |

\* This charge is generally billed to the end user who is the subscriber to the Telephone Exchange Service. In those instances where the IC both requests the presubscription change, and requests the associated charge be billed to it, the Telephone Company will bill the IC. In the event the subscriber is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event the subscriber denies requesting a presubscription change, the Telephone Company will credit the subscriber's account for the presubscription change charge associated with the alleged unauthorized change, if such charge was billed to the subscriber. The Telephone Company will then bill the IC responsible for the alleged unauthorized change a presubscription change charge to return the subscriber to its previous authorized carrier and, if initially billed to the subscriber, the presubscription change charge for the alleged unauthorized change.

\*\* Blocking access to 900 Service is offered to all subscribers at no charge at the time telephone service is established at a new number and for 60 days thereafter.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(K) Billing Name and Address Service

|   |   | <u>Nonrecurring<br/>Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|---|--------------------------------|---|
| - | Per BNA Order   | \$50.94                        | 13.9.4(A)                               |
| - | Per BNA Record  | \$ 0.33                        | 13.9.4(A)                               |
| - | Optional Magnetic<br>Tape Charge - Per<br>Magnetic Tape | \$91.44                        | 13.9.4(B)                               |
| - | Optional Format<br>Programming Charge<br>- Per Hour     | \$37.20                        | 13.9.4(C)                               |

(L) Originating Line  
Screening (OLS) Service

|   |                           |         |       |
|---|---------------------------|---------|-------|
| - | Per Exchange service line | \$ 7.95 | 13.10 |
|---|---------------------------|---------|-------|

(M) Coin Supervision  
Additive Service

|   |                           | <u>Monthly<br/>Rate</u> |       |
|---|---------------------------|-------------------------|-------|
| - | Per exchange service line | \$ 2.21                 | 13.12 |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(N) Access Recovery Charge (ARC)

Regulations concerning the Access Recovery Charge are set forth in Section 13.16 preceding.

## (1) Residential ARC

Per line or trunk assessed a  
Residence End User Common Line \$0.00 per month

## (2) Single Line Business ARC

Per line or trunk assessed a  
Single Line Business  
End User Common Line \$3.00 per month

## (3) Multiline Business ARC

Per line or trunk assessed a  
Multiline Business  
End User Common Line \$6.00 per month

(I)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.5 Special Federal Government Access Services

|     |   |                             |                                 |                                |
|-----|---|-----------------------------|---------------------------------|--------------------------------|
| (A) | Voice Grade Secure                                  | Monthly                     | Nonrecurring                    | Termination                    |
|     | <u>Communications</u>                               | <u>Rate</u>                 | <u>Charges</u>                  | <u>Charges</u>                 |
|     | Type I, each<br>T-3 Conditioning,                   | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
|     | Type II, each<br>G-1 Conditioning,                  | ICB rates and charges apply |                                 |                                |
|     | Type III, each<br>G-2 Conditioning,                 | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
|     | Type IV, each<br>G-3 Conditioning,                  | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
| (B) | Wideband Digital Special Access Service             |                             |                                 |                                |
|     | Wideband Secure<br><u>Communications</u>            | <u>Monthly<br/>Rates</u>    | <u>Nonrecurring<br/>Charges</u> | <u>Termination<br/>Charges</u> |
|     | Type I, each  | ICB rates and charges apply |                                 |                                |
|     | Type II, each                                       | ICB rates and charges apply |                                 |                                |
|     | Type III, each                                      | ICB rates and charges apply |                                 |                                |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.6 Special Facilities Routing of Access Services(A) Diversity

For each service provided in accordance with 11.1.1, the rates and charges will be developed on an individual case basis.

None

(B) Avoidance

For each service provided in accordance with 11.1.2, the rates and charges will be developed on an individual case basis.

None

(C) Diversity and Avoidance Combined

For each service provided in accordance with 11.1.1 and 11.1.2, combined, the rates and charges will be developed on an individual case basis.

None

(D) Cable-Only Facilities

For each service provided in accordance with 11.1.4, the rates and charges will be developed on an individual case basis.

None

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.7 Specialized Service or Arrangements

Specialized Service or Arrangements are provided  
on an individual case basis as set forth following:

None

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network17.4.8.1 Frame Relay Access Service

Regulations concerning Frame Relay Access Service are set forth in Section 16.1 preceding.

|  | Monthly<br><u>Rate</u> | Nonrecurring<br><u>Charge</u> |
|--|------------------------|-------------------------------|
| (A) Connections  |                        |                               |
| (1) <u>Frame Relay Access<br/>Connection (FRAC)</u><br>(per FRAC)        |                        |                               |
| 56.0 kbps  | ICB                    | ICB                           |
| 64.0 kbps  | ICB                    | ICB                           |
| 1.544 Mbps   | ICB                    | ICB                           |
| 44.736 Mbps  | ICB                    | ICB                           |
| (2) <u>Frame Relay Inter-network<br/>Connection (FRIC)</u><br>(per FRIC) |                        |                               |
| 1.544 Mbps   | ICB                    | ICB                           |
| 44.736 Mbps  | ICB                    | ICB                           |
| (3) <u>End User Port - Standard</u><br>(per port)                        |                        |                               |
| 56.0 kbps  | ICB                    |                               |
| 64.0 kbps  | ICB                    |                               |
| 1.544 Mbps   | ICB                    |                               |
| 44.736 Mbps  | ICB                    |                               |
| (4) <u>Access Customer Port</u><br>(per port)                            |                        |                               |
| 1.544 Mbps   | ICB                    |                               |
| 44.736 Mbps  | ICB                    |                               |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.1 Frame Relay Access Service (Cont'd)

## (A) Connections (Cont'd)

| (5) <u>Term Discounts</u> | <u>Percentage</u> |
|---------------------------|-------------------|
| 36 months                 | 10%               |
| 60 months                 | 20%               |

(6) Permanent Virtual Connections (PVCs)

## (a) Standard

| <u>CIR</u> | <u>Monthly Rate</u> |
|------------|---------------------|
| 8 kbps     | ICB                 |
| 16 kbps    | ICB                 |
| 28 kbps    | ICB                 |
| 32 kbps    | ICB                 |
| 56 kbps    | ICB                 |
| 64 kbps    | ICB                 |
| 128 kbps   | ICB                 |
| 192 kbps   | ICB                 |
| 256 kbps   | ICB                 |
| 384 kbps   | ICB                 |
| 512 kbps   | ICB                 |
| 768 kbps   | ICB                 |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.1 Frame Relay Access Service (Cont'd)(A) Connections (Cont'd)(6) Permanent Virtual Connections (PVCs) (Cont'd)(b) Extended

| <u>CIR</u>                   | <u>Monthly Rate</u> |                            |
|------------------------------|---------------------|----------------------------|
| 8 kbps                       | ICB                 |                            |
| 16 kbps                      | ICB                 |                            |
| 28 kbps                      | ICB                 |                            |
| 32 kbps                      | ICB                 |                            |
| 56 kbps                      | ICB                 |                            |
| 64 kbps                      | ICB                 |                            |
| 128 kbps                     | ICB                 |                            |
| 192 kbps                     | ICB                 |                            |
| 256 kbps                     | ICB                 |                            |
| 384 kbps                     | ICB                 |                            |
| 512 kbps                     | ICB                 |                            |
| 768 kbps                     | ICB                 |                            |
|                              |                     | <u>Nonrecurring Charge</u> |
| (7) PVC Installation Charge  | ICB                 |                            |
| (8) PVC Rearrangement Charge | ICB                 |                            |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS)

Regulations concerning Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) are set forth in Section 16.7, preceding.

(A) Ports

## (1) Per Basic UNI or NNI Port

| <u>Port Speed</u>   | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|---------------------|---------------------|----------------------------|
| 1.544 Mbps (DS1)    | ICB                 | ICB                        |
| 44.736 Mbps (DS3)   | ICB                 | ICB                        |
| 155.520 Mbps (OC3)  | ICB                 | ICB                        |
| 622.080 Mbps (OC12) | ICB                 | ICB                        |

## (2) Per Ethernet-based UNI or NNI Port

| <u>Port Speed</u> | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|-------------------|---------------------|----------------------------|
| 10 Mbps           | ICB                 | ICB                        |
| 100 Mbps          | ICB                 | ICB                        |
| 1 Gbps            | ICB                 | ICB                        |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) (Cont'd)(B) Virtual Paths(1) Path Charge  
Per PathMonthly RateNonrecurring  
Charge

ICB

ICB

(2) Capacity charge, per Megabit of capacity  
Per PathTraffic Routing Prioritization Parameter

| <u>Path Size</u> | <u>CBR</u> | <u>VBR-rt</u> | <u>VBR-nrt</u> | <u>UBR</u> |
|------------------|------------|---------------|----------------|------------|
| 1 to 50 Mbps     | ICB        | ICB           | ICB            | ICB        |
| 51 to 150 Mbps   | ICB        | ICB           | ICB            | ICB        |
| Over 150 Mbps    | ICB        | ICB           | ICB            | ICB        |

(C) Virtual Circuit Channels

## Per Virtual Circuit Channel

Monthly RateNonrecurring  
Charge

ICB

ICB

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) (Cont'd)(D) Optional Features and Functions

## (1) DSL Access Service Connection

## (a) Per Basic UNI or NNI Port

| <u>Port Speed</u>   | <u>Nonrecurring Charge</u> |
|---------------------|----------------------------|
| 1.544 Mbps (DS1)    | ICB                        |
| 44.736 Mbps (DS3)   | ICB                        |
| 155.520 Mbps (OC3)  | ICB                        |
| 622.080 Mbps (OC12) | ICB                        |

## (b) Per Ethernet-based UNI or NNI Port

| <u>Port Speed</u> | <u>Nonrecurring Charge</u> |
|-------------------|----------------------------|
| 10 Mbps           | ICB                        |
| 100 Mbps          | ICB                        |
| 1 Gbps            | ICB                        |

## (c) Per 1 Mbps DSL VCC

| <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|---------------------|----------------------------|
| ICB                 | ICB                        |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) (Cont'd)(D) Optional Features and Functions (Cont'd)

## (1) DSL Access Service Connection (Cont'd)

## (d) Per MM-VCC

|                      | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|----------------------|---------------------|----------------------------|
| Per 1 Mbps increment | ICB                 | ICB                        |
| Per 4 Mbps increment | ICB                 |                            |

## (e) Per MM-VCC Design Change

Nonrecurring Charge

ICB

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS)

Regulations concerning Ethernet Transport Service (ETS) are set forth in Section 16.4, preceding.

(A) ETS Channel Terminations

- (1) Per termination when customer designated premises located within 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 28.36                | (R) | \$295.00                       |
| 5 Mbps          | \$ 34.80                | (R) | \$295.00                       |
| 10 Mbps         | \$ 40.20                | (R) | \$295.00                       |
| 20 Mbps         | \$ 44.13                | (R) | \$295.00                       |
| 50 Mbps         | \$ 51.01                | (R) | \$295.00                       |
| 100 Mbps        | \$ 56.67                | (R) | \$295.00                       |
| 250 Mbps        | \$ 80.71                | (R) | \$295.00                       |
| 500 Mbps        | \$105.79                | (R) | \$442.00                       |
| 750 Mbps        | \$122.94                | (R) | \$442.00                       |
| 1 Gbps          | \$140.73                | (R) | \$442.00                       |
| 2.5 Gbps        | \$272.02                | (R) | \$442.00                       |
| 5 Gbps          | \$413.01                | (R) | \$442.00                       |
| 10 Gbps         | \$563.96                | (R) | \$442.00                       |

- (2) Per termination when customer designated premises located more than 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 107.18               | (R) | \$295.00                       |
| 5 Mbps          | \$ 108.35               | (R) | \$295.00                       |
| 10 Mbps         | \$ 109.88               | (R) | \$295.00                       |
| 20 Mbps         | \$ 124.31               | (R) | \$295.00                       |
| 50 Mbps         | \$ 140.54               | (R) | \$295.00                       |
| 100 Mbps        | \$ 147.05               | (R) | \$295.00                       |
| 250 Mbps        | \$ 153.58               | (R) | \$295.00                       |
| 500 Mbps        | \$ 203.17               | (R) | \$442.00                       |
| 750 Mbps        | \$ 233.71               | (R) | \$442.00                       |
| 1 Gbps          | \$ 270.89               | (R) | \$442.00                       |
| 2.5 Gbps        | \$ 522.67               | (R) | \$442.00                       |
| 5 Gbps          | \$ 793.81               | (R) | \$442.00                       |
| 10 Gbps         | \$1,084.57              | (R) | \$442.00                       |

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(B) Ports

## (1) Per ETS Basic Port

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 38.81                | (R) | \$259.00                       |
| 5 Mbps          | \$ 42.96                | (R) | \$259.00                       |
| 10 Mbps         | \$ 47.45                | (R) | \$259.00                       |
| 20 Mbps         | \$ 52.71                | (R) | \$259.00                       |
| 50 Mbps         | \$ 55.87                | (R) | \$259.00                       |
| 100 Mbps        | \$ 60.95                | (R) | \$259.00                       |
| 250 Mbps        | \$ 84.14                | (R) | \$259.00                       |
| 500 Mbps        | \$106.67                | (R) | \$388.00                       |
| 750 Mbps        | \$134.89                | (R) | \$388.00                       |
| 1 Gbps          | \$162.54                | (R) | \$388.00                       |
| 2.5 Gbps        | \$312.18                | (R) | \$388.00                       |
| 5 Gbps          | \$474.50                | (R) | \$388.00                       |
| 10 Gbps         | \$649.32                | (R) | \$388.00                       |

## (2) Per ETS Interconnection Port

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 44.736 Mbps     | \$ 632.58               | (R) | \$175.00                       |
| 155.52 Mbps     | \$ 759.09               | (R) | \$262.00                       |
| 622.08 Mbps     | \$1,265.17              | (R) | \$262.00                       |

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs)

## (1) Per Intraswitch ETS EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|--------------------------------|
| 2 Mbps          | \$0.00                  | \$205.00                       |
| 5 Mbps          | \$0.00                  | \$205.00                       |
| 10 Mbps         | \$0.00                  | \$205.00                       |
| 20 Mbps         | \$0.00                  | \$205.00                       |
| 50 Mbps         | \$0.00                  | \$205.00                       |
| 100 Mbps        | \$0.00                  | \$205.00                       |
| 250 Mbps        | \$0.00                  | \$205.00                       |
| 500 Mbps        | \$0.00                  | \$307.00                       |
| 750 Mbps        | \$0.00                  | \$307.00                       |
| 1 Gbps          | \$0.00                  | \$307.00                       |
| 2.5 Gbps        | \$0.00                  | \$307.00                       |
| 5 Gbps          | \$0.00                  | \$307.00                       |
| 10 Gbps         | \$0.00                  | \$307.00                       |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

| <u>Near<br/>Real Time</u> | <u>Real<br/>Time</u> |     |
|---------------------------|----------------------|-----|
| \$0.24                    | \$0.48               | (R) |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

| <u>Near<br/>Real Time</u> | <u>Real<br/>Time</u> |
|---------------------------|----------------------|
| \$0.14                    | \$0.26               |

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

## (1) Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

| Near<br><u>Real Time</u> | Real<br><u>Time</u> |
|--------------------------|---------------------|
| \$0.08                   | \$0.15              |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

| Near<br><u>Real Time</u> | Real<br><u>Time</u> |
|--------------------------|---------------------|
| \$0.05                   | \$0.11              |

## (2) Per Interswitch ETS EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 16.64                | (R) | \$205.00                       |
| 5 Mbps          | \$ 22.50                | (R) | \$205.00                       |
| 10 Mbps         | \$ 42.17                | (R) | \$205.00                       |
| 20 Mbps         | \$ 84.34                | (R) | \$205.00                       |
| 50 Mbps         | \$ 113.78               | (R) | \$205.00                       |
| 100 Mbps        | \$ 181.49               | (R) | \$205.00                       |
| 250 Mbps        | \$ 373.93               | (R) | \$205.00                       |
| 500 Mbps        | \$ 623.04               | (R) | \$307.00                       |
| 750 Mbps        | \$ 827.98               | (R) | \$307.00                       |
| 1 Gbps          | \$1,083.58              | (R) | \$307.00                       |
| 2.5 Gbps        | \$2,087.10              | (R) | \$307.00                       |
| 5 Gbps          | \$3,171.68              | (R) | \$307.00                       |
| 10 Gbps         | \$4,338.32              | (R) | \$307.00                       |

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## (2) Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.80           | \$1.58 (R)  |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.48           | \$0.95 (R)  |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.29           | \$0.58      |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.19           | \$0.35      |

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)(D) ETS Extended Ethernet Virtual Connections (E-EVCs)  
Per ETS E-EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 11.08                | (R) | \$410.00                       |
| 5 Mbps          | \$ 14.05                | (R) | \$410.00                       |
| 10 Mbps         | \$ 25.31                | (R) | \$410.00                       |
| 20 Mbps         | \$ 50.61                | (R) | \$410.00                       |
| 50 Mbps         | \$ 75.84                | (R) | \$410.00                       |
| 100 Mbps        | \$ 121.90               | (R) | \$410.00                       |
| 250 Mbps        | \$ 253.75               | (R) | \$410.00                       |
| 500 Mbps        | \$ 392.80               | (R) | \$615.00                       |
| 750 Mbps        | \$ 534.18               | (R) | \$615.00                       |
| 1 Gbps          | \$ 677.24               | (R) | \$615.00                       |
| 2.5 Gbps        | \$1,305.76              | (R) | \$615.00                       |
| 5 Gbps          | \$1,983.63              | (R) | \$615.00                       |
| 10 Gbps         | \$2,711.44              | (R) | \$615.00                       |

(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)

- (1) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to fifty miles.

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 45.71                | (R) | \$410.00                       |
| 5 Mbps          | \$ 59.32                | (R) | \$410.00                       |
| 10 Mbps         | \$ 115.06               | (R) | \$410.00                       |
| 20 Mbps         | \$ 218.58               | (R) | \$410.00                       |
| 50 Mbps         | \$ 362.08               | (R) | \$410.00                       |
| 100 Mbps        | \$ 511.45               | (R) | \$410.00                       |
| 250 Mbps        | \$ 1,163.87             | (R) | \$410.00                       |
| 500 Mbps        | \$ 1,594.54             | (R) | \$615.00                       |
| 750 Mbps        | \$ 2,138.99             | (R) | \$615.00                       |
| 1 Gbps          | \$ 2,707.72             | (R) | \$615.00                       |
| 2.5 Gbps        | \$ 5,211.80             | (R) | \$615.00                       |
| 5 Gbps          | \$ 7,920.66             | (R) | \$615.00                       |
| 10 Gbps         | \$10,829.49             | (R) | \$615.00                       |

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)  
(Cont'd)

(2) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is between fifty-one and seventy-five miles.

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 76.54                | (R) | \$410.00                       |
| 5 Mbps          | \$ 121.19               | (R) | \$410.00                       |
| 10 Mbps         | \$ 236.00               | (R) | \$410.00                       |
| 20 Mbps         | \$ 318.92               | (R) | \$410.00                       |
| 50 Mbps         | \$ 645.29               | (R) | \$410.00                       |
| 100 Mbps        | \$ 786.64               | (R) | \$410.00                       |
| 250 Mbps        | \$ 1,364.32             | (R) | \$410.00                       |
| 500 Mbps        | \$ 1,868.26             | (R) | \$615.00                       |
| 750 Mbps        | \$ 2,513.53             | (R) | \$615.00                       |
| 1 Gbps          | \$ 3,195.69             | (R) | \$615.00                       |
| 2.5 Gbps        | \$ 6,152.99             | (R) | \$615.00                       |
| 5 Gbps          | \$ 9,347.13             | (R) | \$615.00                       |
| 10 Gbps         | \$12,782.46             | (R) | \$615.00                       |

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770



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## (1) DSL Access Service Connection

## (a) Per ETS Basic Port equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |
|-----------------|----------------------------|
| 2 Mbps          | \$150.00                   |
| 5 Mbps          | \$150.00                   |
| 10 Mbps         | \$150.00                   |
| 20 Mbps         | \$150.00                   |
| 50 Mbps         | \$150.00                   |
| 100 Mbps        | \$150.00                   |
| 250 Mbps        | \$150.00                   |
| 500 Mbps        | \$225.00                   |
| 750 Mbps        | \$225.00                   |
| 1 Gbps          | \$225.00                   |
| 2.5 Gbps        | \$225.00                   |
| 5 Gbps          | \$225.00                   |
| 10 Gbps         | \$225.00                   |

## (b) Per ETS Interconnection Port equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |
|-----------------|----------------------------|
| 44.736 Mbps     | \$ 150.00                  |
| 155.52 Mbps     | \$ 225.00                  |
| 622.08 Mbps     | \$ 225.00                  |

(N)

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions (Cont'd)

## (1) DSL Access Service Connection (Cont'd)

## (c) Per ETS MM-VCC

|                       | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|-----------------------|---------------------|----------------------------|
|                       |                     | \$7.00                     |
| Per 10 Mbps increment | \$1.97 (R)          |                            |

## (d) Per ETS Design Change

| <u>Nonrecurring Charge</u> |
|----------------------------|
| \$6.00                     |

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**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(G) ETS Port Protection

- (a) Per feature when customer designated premises located within 300 feet of ETS SWC at speeds of:

|                     | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|---------------------|-------------------------|-----|--------------------------------|
| 2 Mbps to 1 Gbps    | \$ 68.28                | (R) | \$560.00                       |
| 2.5 Gbps to 10 Gbps | \$170.59                | (R) | \$560.00                       |

- (b) Per feature when customer designated premises located more than 300 feet of ETS SWC at speeds of:

|                     | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|---------------------|-------------------------|-----|--------------------------------|
| 2 Mbps to 1 Gbps    | \$157.25                | (R) | \$560.00                       |
| 2.5 Gbps to 10 Gbps | \$382.36                | (R) | \$560.00                       |

(H) ETS Term Discount Plan

| <u>Term<br/>Commitment</u> | <u>Percentage</u> |
|----------------------------|-------------------|
| 36 Months                  | 10%               |
| 60 Months                  | 20%               |

(I) ETS Volume Discount Plan

| <u>Number of<br/>Committed ETS<br/>Ports In-Service<br/>On Bill Date</u> | <u>Percentage</u> |
|--|-------------------|
| 0 to 4   | 0%                |
| 5 and above  | 10%               |

Transmittal No. 232

**ACCESS SERVICE**17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.4 Internet Protocol Gateway Access Service

Regulations concerning Internet Protocol Gateway Access Service are set forth in Section 16.9 of the JSI Tariff F.C.C. No. 1.

|     |  | Monthly<br>Rate     | Nonrecurring<br>Charge |
|-----|--|---------------------|------------------------|
| (A) | IPG Transport Termination<br>Per Termination         |                     |                        |
|     | - DS1 1.544 Mbps                                     | \$ 118.81 (R)       | \$330.00               |
|     | - DS3 44.736 Mbps                                    | \$1,067.58 (R)      | \$445.00               |
| (B) | IPG Transport Mileage                                |                     |                        |
|     |  | <u>Monthly Rate</u> |                        |
| (1) | IPG Transport Mileage Facility<br>Per Mile           |                     |                        |
|     | - 1.544 Mbps   | \$ 8.02             | (R)                    |
|     | - 44.736 Mbps  | \$69.78             | (R)                    |
| (2) | IPG Transport Mileage Termination<br>Per Termination |                     |                        |
|     | - 1.544 Mbps   | \$ 41.57            | (R)                    |
|     | - 44.736 Mbps  | \$266.89            | (R)                    |
| (C) | IPG Port<br>Per Port                                 |                     |                        |
|     | - 1.544 Mbps   | \$ 41.57            | (R)                    |
|     | - 44.736 Mbps  | \$514.25            | (R)                    |

Transmittal No. 232

## ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc.

17.1 Common Line Access Service

17.1.1 End User Access Service

Rates for the Telephone Company's End User Access Service may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

17.1.2 Federal Universal Service Charge (FUSC)

Rates for the Telephone Company's Federal Universal Service Charge (FUSC) may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.2 Switched Access Service17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(A) Local Transport - Installation  
Per Entrance Facility

6.4.1(B)(1)

|                                    |          |
|------------------------------------|----------|
| - Voice Grade Two Wire             | \$483.86 |
| - Voice Grade Four Wire            | \$483.86 |
| - High Capacity DS1                | \$354.84 |
| - High Capacity DS3                | \$478.49 |
| - Synchronous Optical Channel OC3  | \$387.09 |
| - Synchronous Optical Channel OC12 | \$387.09 |
| - ESALT 2 Mbps                     | \$573.45 |
| - ESALT 10 Mbps                    | \$573.45 |
| - ESALT 50 Mbps                    | \$573.45 |

(B) Interim NXX Translation  
Per Order

\$236.56

6.4.1(B)(2)

Per LATA or Market Area

(C) FGC and FGD Conversion of  
Multifrequency Address  
Signaling to SS7 Signaling  
or SS7 Signaling to  
Multifrequency Address  
Signaling

- Per 24 Trunks Converted  
or Fraction thereof on  
a Per Order Basis

\$475.25

6.4.1(B)(3)

(D) Direct Trunked Transport  
ActivatedPer Order

- Per 24 Trunks Activated  
or Fraction thereof on  
a Per Order Basis

\$493.53

6.4.1(B)(1)

(E) ESALT Direct Trunked  
Termination

6.4.1(B)(1)

- Per ESALT Direct Trunked  
Termination Installation

\$377.81

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(F) Flexible Automatic Number  
Identification (Flex ANI)

- Per End Office, Per CIC

None

6.4.1(B)(1)

(G) ESALT Entrance Facility  
Protection- Per ESALT  
Entrance Facility

\$579.65

17.2.2 Local TransportMonthly  
RatePremium Access- Entrance Facility  
Per Termination

6.1.3(A)(1)

|                         |            |
|-------------------------|------------|
| - Voice Grade Two Wire  | \$ 83.23   |
| - Voice Grade Four Wire | \$ 133.15  |
| - High Capacity DS1     | \$ 405.72  |
| - High Capacity DS3     | \$3,704.60 |
| - Optical Channel OC3   | \$3,777.58 |
| - Optical Channel OC12  | \$4,033.23 |
| - ESALT 2 Mbps          | \$ 718.62  |
| - ESALT 10 Mbps         | \$ 774.56  |
| - ESALT 50 Mbps         | \$1,003.48 |

(N)

Transmittal No. 209

Issued: June 16, 2017

Effective: July 1, 2017

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)Monthly  
RateTariff  
Section  
Reference

|   |                                   |            |             |
|---|-----------------------------------|------------|-------------|
| - | <u>Direct Trunked Transport</u>   |            | 6.1.3(A)(2) |
| - | <u>Direct Trunked Facility</u>    |            |             |
|   | Per Mile                          |            |             |
| - | Voice Grade                       | \$ 5.92    |             |
| - | High Capacity DS1                 | \$ 27.78   |             |
| - | High Capacity DS3                 | \$ 242.15  |             |
| - | Optical Channel OC3               | \$ 259.21  |             |
| - | Optical Channel OC12              | \$ 325.32  |             |
| - | Per DTF-E1 Facility               |            |             |
|   | ESALT 2 Mbps                      | \$ 81.87   |             |
|   | ESALT 10 Mbps                     | \$ 207.61  |             |
|   | ESALT 50 Mbps                     | \$ 581.27  |             |
| - | Per DTF-E2 Facility               |            |             |
|   | ESALT 2 Mbps                      | \$ 54.58   |             |
|   | ESALT 10 Mbps                     | \$ 124.58  |             |
|   | ESALT 50 Mbps                     | \$ 387.56  |             |
| - | Per DTF-E3 Facility               |            |             |
|   | ESALT 2 Mbps                      | \$ 158.09  |             |
|   | ESALT 10 Mbps                     | \$ 397.94  |             |
|   | ESALT 50 Mbps                     | \$1,299.67 |             |
| - | Per DTF-E4 Facility               |            |             |
|   | ESALT 2 Mbps                      | \$ 264.74  |             |
|   | ESALT 10 Mbps                     | \$ 816.23  |             |
|   | ESALT 50 Mbps                     | \$2,316.26 |             |
| - | <u>Direct Trunked Termination</u> |            |             |
|   | Per Termination                   |            |             |
| - | Voice Grade                       | \$ 59.59   |             |
| - | High Capacity DS1                 | \$ 144.23  |             |
| - | High Capacity DS3                 | \$ 926.11  |             |
| - | Optical Channel OC3               | \$ 964.30  |             |
| - | Optical Channel OC12              | \$2,099.59 |             |
| - | ESALT 2 Mbps                      | \$ 191.06  |             |
| - | ESALT 10 Mbps                     | \$ 233.56  |             |
| - | ESALT 50 Mbps                     | \$ 285.47  |             |

(N)

(N)

Transmittal No. 209



**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

| 17.2   | <u>Switched Access Service</u> (Cont'd)       | Monthly<br>Rate | Tariff<br>Section<br>Reference |
|--------|---|-----------------|--------------------------------|
| 17.2.2 | <u>Local Transport</u> (Cont'd)               |                 |                                |
|        | <u>Multiplexing</u>                           |                 |                                |
|        | Per Arrangement                               |                 | 6.1.3(A)(5)                    |
|        | - DS3 to DS1                                  | \$ 845.02       |                                |
|        | - DS1 to Voice                                | \$ 326.23       |                                |
|        | <u>Premium Access</u>                         |                 |                                |
| -      | <u>Tandem Switched Transport</u>              |                 | 6.1.3(A)(3)                    |
|        | - <u>Tandem Switched Facility</u>             | \$0.000855      |                                |
|        | Per Access Minute Per Mile                    |                 |                                |
| -      | <u>Tandem Switched Termination</u>            | \$0.004437      |                                |
|        | Per Access Minute                             |                 |                                |
|        | Per Termination                               |                 |                                |
| -      | <u>Tandem Switching</u>                       | \$0.011192      | 6.1.3(A)(3)                    |
|        | Per Access Minute                             |                 |                                |
|        | Per Tandem                                    |                 |                                |
| -      | <u>Network Blocking Per Blocked Call</u>      |                 |                                |
|        | Applies to FGD only                           | \$0.0032581     | 6.8.6                          |
| -      | <u>800 Series Data Base Access Service</u>    |                 |                                |
|        | <u>Queries</u>                                |                 |                                |
|        | Per Query                                     |                 |                                |
|        | Basic   | \$0.011255      |                                |
|        | Vertical Feature                              | \$0.012440      |                                |
|        | <u>ESALT Real Time CoS/QoS</u>                |                 |                                |
|        | Per ESALT Direct Trunked Facility, Per Option |                 |                                |
|        | ESALT 2 Mbps                                  | \$ 15.66        |                                |
|        | ESALT 10 Mbps                                 | \$ 78.27        |                                |
|        | ESALT 50 Mbps                                 | \$243.21        |                                |
|        | <u>ESALT Entrance Facility Protection</u>     |                 |                                |
|        | Per ESALT Entrance Facility                   |                 |                                |
|        | ESALT 2 Mbps                                  | \$564.44        |                                |
|        | ESALT 10 Mbps                                 | \$564.44        |                                |
|        | ESALT 50 Mbps                                 | \$564.44        |                                |

(N)

(N)

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)(A) Common Channel Signaling  
Network Connection(1) Signaling Network Access Link

|  | <u>Rate</u> |
|--|-------------|
| - Signaling Mileage<br>Facility per mile           | \$ 8.00     |
| - Signaling Mileage Termination<br>per Termination | \$ 80.21    |

Nonrecurring  
Charge

|   |          |          |
|---|----------|----------|
| - Signaling Entrance Facility<br>per Facility | \$153.61 | \$419.35 |
| (2) STP Port                                  |          |          |
| - per port                                    | \$791.51 |          |

(N)

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff  
Section  
Reference(A) Local Switching  
Premium

|                                 |            |             |     |
|---------------------------------|------------|-------------|-----|
| - Per Originating Access Minute | \$0.085803 | 6.1.3(B)(1) |     |
| - Per Terminating Access Minute | \$0.0000   |             | (R) |

Non-Premium

|                                 |            |             |     |
|---------------------------------|------------|-------------|-----|
| - Per Originating Access Minute | \$0.038611 | 6.1.3(B)(1) |     |
| - Per Terminating Access Minute | \$0.000000 |             | (R) |

(B) Information Surcharge-Premium

|                                    |            |             |  |
|------------------------------------|------------|-------------|--|
| Per Originating 100 Access Minutes | \$0.104852 | 6.1.3(B)(2) |  |
| Per Terminating 100 Access Minutes | \$0.000000 |             |  |

-Non-Premium

|                                    |            |             |  |
|------------------------------------|------------|-------------|--|
| Per Originating 100 Access Minutes | \$0.047183 | 6.1.3(B)(2) |  |
| Per Terminating 100 Access Minutes | \$0.000000 |             |  |

Transmittal No. 232

**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.5 Assumed Minutes of UseAssumed  
Minutes  
Per MonthTariff  
Section  
Reference(A) Feature Group A,  
Two Way Calling  
(1510 Originating,  
2685 Terminating)

4195

6.5.4

(B) Feature Group A,  
Originating Only

1510

6.5.4

(C) Feature Group A,  
Terminating Only

2685

6.5.4

(D) Feature Group B,  
Two Way Calling  
(3132 Originating,  
5568 Terminating)

8700

6.6.4

(E) Feature Group B,  
Originating Only

3132

6.6.4

(F) Feature Group B,  
Terminating Only

5568

6.6.4

(N)

Transmittal No. 209

**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

The Telephone Company's Surcharge for Special Access Service rate may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

Transmittal No. 209

**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221



**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.6 of the JSI Tariff F.C.C. No. 1.

|     |   | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |     |
|-----|---|-------------------------|--------------------------------|-----|
| (A) | Channel Termination<br>Per Termination            |                         |                                |     |
|     | - Two-Wire  | \$27.28 (R)             | \$450.00                       |     |
|     | - Four-Wire                                       | \$43.65 (R)             | \$450.00                       |     |
| (B) | Channel Mileage                                   |                         |                                |     |
| (1) | Channel Mileage<br>Facility<br>Per Mile           | \$ 1.96                 |                                | (R) |
| (2) | Channel Mileage<br>Termination<br>Per Termination | \$19.53                 |                                | (R) |
| (C) | Optional Features and<br>Functions                |                         |                                |     |
| (1) | Bridging  |                         |                                |     |
| (a) | <u>Voice Bridging</u><br>Per Port                 |                         |                                |     |
|     | Two-Wire/Four-Wire                                |                         |                                |     |
|     | - Two-Wire  | \$ 3.29                 |                                | (R) |
|     | - Four-Wire                                       | \$ 3.29                 |                                | (R) |

Transmittal No. 232

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)Monthly  
Rate

## (C) Optional Features and Functions (Cont'd)

## (1) Bridging (Cont'd)

(b) Data Bridging  
Per Port

- Two-Wire \$3.29 (R)

- Four-Wire \$3.29 (R)

(c) Telephoto Bridging per port

- Two-Wire \$3.29 (R)

- Four-Wire \$3.29 (R)

Transmittal No. 232

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

|     |  | Monthly<br>Rate |     |
|-----|--|-----------------|-----|
| (C) | Optional Features and<br>Functions (Cont'd)  |                 |     |
| (2) | Conditioning Per Termination   |                 |     |
|     | - C Type   | \$4.84          | (R) |
|     | - Improved Attenuation<br>Distortion*  | None            |     |
|     | - Improved Envelope Delay<br>Distortion*   | None            |     |
|     | - Data Capability  | \$4.30          | (R) |
|     | - Telephoto Capability   | \$4.55          | (R) |
|     | - Sealing Current  | None            |     |
| (3) | Improved Return Loss for<br>Effective Two-Wire or<br>Four-Wire Transmission<br>Per Termination |                 |     |
|     | - Two-Wire   | \$6.90          | (R) |
|     | - Four-Wire  | \$6.90          | (R) |
| (4) | Customer Specified Receive<br>Level per two-wire termination                                   | \$5.21          | (R) |

\* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

|     |  | Monthly<br>Rate |     |
|-----|--|-----------------|-----|
| (C) | Optional Features and Functions (Cont'd)   |                 |     |
| (5) | Multiplexing Per arrangement<br>Voice to Telegraph Grade                           | \$114.34        | (R) |
| (6) | Signaling Capability<br>Per termination  | \$ 11.06        | (R) |
| (7) | Selective Signaling Arrangement<br>Per arrangement                                 | \$ 3.29         | (R) |
| (8) | Transfer Arrangement<br>(key activated*<br>or dial up**)                           |                 |     |
| -   | Per four port arrangement<br>including control channel<br>termination***           | \$ 1.57         | (R) |
| -   | Per five port arrangement<br>including control channel<br>termination***           | \$ 3.62         | (R) |
| (9) | Public Packet Switching Network<br>(PPSN) Interface Arrangement Per<br>arrangement | ICB             |     |

ICB rates and charges are filed in Section 17.3.9 following.

\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

Transmittal No. 232

**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.9 of the JSI Tariff No. 1.

Monthly  
Rate

Nonrecurring  
Charge

(A) Channel Termination  
Per Termination

|             |         |     |          |
|-------------|---------|-----|----------|
| - 2.4 kbps  | \$50.34 | (R) | \$390.00 |
| - 4.8 kbps  | 50.34   | (R) | 390.00   |
| - 9.6 kbps  | 50.34   | (R) | 390.00   |
| - 19.2 kbps | 50.34   | (R) | 390.00   |
| - 56.0 kbps | 50.34   | (R) | 390.00   |
| - 64.0 kbps | 50.34   | (R) | 390.00   |

## (B) Channel Mileage

(1) Channel Mileage Facility  
Per Mile

|             |        |     |
|-------------|--------|-----|
| - 2.4 kbps  | \$1.86 | (R) |
| - 4.8 kbps  | 1.86   | (R) |
| - 9.6 kbps  | 1.86   | (R) |
| - 19.2 kbps | 1.86   | (R) |
| - 56.0 kbps | 2.63   | (R) |
| - 64.0 kbps | 2.63   | (R) |

(2) Channel Mileage Termination  
Per Termination

|             |         |     |
|-------------|---------|-----|
| - 2.4 kbps  | \$18.55 | (R) |
| - 4.8 kbps  | 18.55   | (R) |
| - 9.6 kbps  | 18.55   | (R) |
| - 19.2 kbps | 18.55   | (R) |
| - 56.0 kbps | 26.29   | (R) |
| - 64.0 kbps | 26.29   | (R) |

Transmittal No. 232



**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

|     |  | Monthly<br>Rate |     |
|-----|--|-----------------|-----|
| (C) | Optional Features and Functions  |                 |     |
| (1) | Bridging Per port  | \$ 4.44         | (R) |
| (2) | Loop Transfer Arrangement<br>Per four port arrangement*<br>Key activated** or Dial-Up*** | \$ 3.13         | (R) |
| (3) | Public Packet Switching<br>Network Interface Arrangement                                 |                 |     |
|     | - Per 9.6 kbps arrangement   | ICB             |     |
|     | - Per 56.0 kbps arrangement  | ICB             |     |
| (D) | Channel Service Unit Per Termination****   |                 |     |
|     | - 2.4 kbps   | \$15.70         | (R) |
|     | - 4.8 kbps   | 15.70           | (R) |
|     | - 9.6 kbps   | 15.70           | (R) |
|     | - 56.0 kbps  | 15.70           | (R) |

\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center. ICB Rates and Charges are filed in Section 17.3.9 following.

\*\* The key activated control channel is rated as a metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-Up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.10 of the JSI Tariff F.C.C. No. 1.

|  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--|-------------------------|--------------------------------|
| (A) Channel Termination<br>Per Termination         |                         |                                |
| - DS1 1.544 Mbps                                   | \$ 125.52 (R)           | \$330.00                       |
| - DS1C 3.152 Mbps                                  | ICB                     | ICB                            |
| - DS2 6.312 Mbps                                   | ICB                     | ICB                            |
| - DS3 44.736 Mbps                                  | \$1,034.83 (R)          | \$445.00                       |
| - DS4 274.176 Mbps                                 | ICB                     | ICB                            |
| (B) Channel Mileage                                |                         |                                |
|  | <u>Monthly Rate</u>     |                                |
| (1) Channel Mileage Facility<br>Per Mile           |                         |                                |
| - 64.0 Kbps  | \$ 2.63                 | (R)                            |
| - 1.544 Mbps                                       | \$ 7.77                 | (R)                            |
| - 3.152 Mbps                                       | ICB                     |                                |
| - 6.312 Mbps                                       | ICB                     |                                |
| - 44.736 Mbps                                      | \$67.64                 | (R)                            |
| - 274.176 Mbps                                     | ICB                     |                                |
| (2) Channel Mileage Termination<br>Per Termination |                         |                                |
| - 64.0 Kbps  | \$ 26.29                | (R)                            |
| - 1.544 Mbps                                       | \$ 40.28                | (R)                            |
| - 3.152 Mbps                                       | ICB                     |                                |
| - 6.312 Mbps                                       | ICB                     |                                |
| - 44.736 Mbps                                      | \$258.70                | (R)                            |
| - 274.176 Mbps                                     | ICB                     |                                |

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

(C) Reserved for Future Use

| (D) | Optional Features and Functions | Monthly<br>Rate |     |
|-----|---------------------------------|-----------------|-----|
| (1) | Multiplexing, per arrangement   |                 |     |
|     | DS4 to DS1                      | ICB             |     |
|     | DS3 to DS1                      | \$239.77        | (R) |
|     | DS2 to DS1                      | ICB             |     |
|     | DS1C to DS1                     | ICB             |     |
|     | DS1 to Voice*                   | 98.97           | (R) |
|     | DS1 to DSO                      | 98.97           | (R) |
|     | DSO to Subrates                 |                 |     |
|     | - Up to 20 2.4 kbps services    | \$237.69        | (R) |
|     | - Up to 10 4.8 kbps services    | 160.77          | (R) |
|     | - Up to 5 9.6 kbps services     | 142.57          | (R) |

\* A channel of this DS1 to the Hub can be used for Digital Data service.  
ICB rates and charges are filed in Section 17.3.9 following.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

|     |   | Monthly<br>Rate | Nonrecurring<br>Charge |
|-----|---|-----------------|------------------------|
| (D) | Optional Features and Functions (Cont'd)  |                 |                        |
| (2) | Automatic Loop Transfer<br>Per arrangement*   | \$ 79.86        | (R)                    |
| (3) | Transfer Arrangement<br>(key activated** or dial up***)<br>Per four port arrangement including<br>control channel termination**** | \$ 87.05        | (R)                    |
| (E) | Network Channel Terminating<br>Equipment (NCTE) Per termination#  |                 |                        |
|     | - 1.544 Mbps  | \$ 45.30        | (R)                    |
|     | - Automatic Loop Transfer   | 182.00          | (R)                    |
| (F) | DSL Access Service Connection   |                 |                        |
|     | - per 1.544 Mbps  | \$ 126.61 (R)   | \$450.00               |
|     | - per 44.736 Mbps   | 879.25 (R)      | 650.00                 |

\* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

\*\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

# NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(N)

(N)

Transmittal No. 209

**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use

(C)

(D)

(D)

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**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services17.4.1 Access Ordering

|  | <u>Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---------------|---|
| (A) <u>Access Order Charge</u>   |               |   |
| Per order  | \$ 86.00      | 5.4.1                                   |
| (B) <u>Service Date Change Charge</u>  |               |   |
| A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 17.4.1(A) preceding does not apply. The applicable charge is: |               |   |
| Service Date Change Charge, per order  | \$ 60.00      | 5.4.3                                   |
| (C) <u>Design Change Charge</u>  |               |   |
| The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change. The applicable charge is:   |               |   |
| Design Change Charge, per order  | \$ 84.00      | 5.4.3                                   |
| (D) <u>Miscellaneous Service Order Charge</u>  |               |   |
| Per Occurrence   | \$123.00      | 5.4.2                                   |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.2 Additional Engineering

| <u>Additional Engineering<br/>Periods</u> |   | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|---|---|---|
| (A)                                       | Basic Time per engineer<br>normally scheduled<br>working hours          | \$31.03   | 13.1                                    |
| (B)                                       | Overtime per engineer<br>outside of normally<br>scheduled working hours | \$46.55   | 13.1                                    |
| (C)                                       | Premium Time per engineer<br>outside of scheduled work day.             | \$62.06   | 13.1                                    |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor

| <u>Additional Labor<br/>Periods</u> |  | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-------------------------------------|--|---|---|
| (A) Installation or Repair          |  |   |   |
| -                                   | Overtime,<br>outside of normally<br>scheduled working<br>hours on a scheduled<br>work day,<br>per technician | \$47.57*  | 13.2.1 &<br>13.2.2                      |
| -                                   | Premium Time,<br>outside of scheduled<br>work day,<br>per technician   | \$63.42*  | 13.2.1 &<br>13.2.2                      |
| (B) Stand by                        |  |   |   |
| -                                   | Basic time,<br>normally scheduled<br>working hours,<br>per technician  | \$21.18   | 13.2.3                                  |
| -                                   | Overtime,<br>outside of normally<br>scheduled working<br>hours on a scheduled<br>work day<br>per technician  | \$31.77   | 13.2.3                                  |
| -                                   | Premium Time,<br>outside of scheduled<br>work day,<br>per technician   | \$42.36   | 13.2.3                                  |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor (Cont'd)

|     |  | <u>Each Half Hour or Fraction Thereof</u>         |  |   |
|-----|--|---|--|---|
|     | <u>Additional Labor<br/>Periods</u>  | <u>Installation<br/>and Repair<br/>Technician</u> | <u>Central Office<br/>Maintenance<br/>Technician</u> | <u>Tariff<br/>Section<br/>Reference</u> |
| (C) | Testing and Maintenance with<br>other Telephone Companies, or<br>Other Labor |   |  |   |
| -   | Basic Time per technician  | \$31.71   | \$34.66  | 13.2.4 &<br>13.2.5                      |
| -   | normally scheduled working hours   |   |  |   |
| -   | Overtime per technician  | \$47.57   | \$51.99  | 13.2.4 &<br>13.2.5                      |
| -   | outside of normally scheduled<br>working hours on a scheduled<br>work day    |   |  |   |
| -   | Premium Time per technician  | \$63.42   | \$69.32  | 13.2.4 &<br>13.2.5                      |
| -   | outside of scheduled work day  |   |  |   |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services(A) Additional Cooperative Acceptance Testing  
- Switched Access

| <u>Testing Periods</u>                     | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u>                               | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---|---|
| Basic Time, Overtime*<br>and Premium Time* | See the rates<br>for Additional<br>Labor as set<br>forth in 17.4.3(C)<br>preceding. | 13.3.1(A)(1)                            |

(B) Additional Automatic Testing - Switched AccessTo First Point  
of Switching

## Additional Tests

|                         | <u>Per Test Per<br/>Transmission Path</u> |              |
|-------------------------|---|--------------|
| Gain-Slope Tests        | \$2.89                                    | 13.3.1(A)(2) |
| C-Notched Noise Tests   | \$2.89                                    | 13.3.1(A)(2) |
| 1004 Hz Loss**          | \$2.89                                    | 13.3.1(A)(2) |
| C-Message Noise**       | \$2.89                                    | 13.3.1(A)(2) |
| Balance (return loss)** | \$2.89                                    | 13.3.1(A)(2) |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

\*\* 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests; however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein apply.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(C) Additional Manual Testing - Switched AccessTo First Point  
of Switching

Additional Tests

Each Half Hour  
or Fraction  
ThereofTariff  
Section  
ReferenceGain-Slope,  
C-Notched Noise and  
any other agreed to  
tests, per technician  
forth in 17.4.3(C)  
precedingSee the rates  
for Additional  
Labor as set

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing  
- Special AccessTesting PeriodsEach Half  
Hour or  
Fraction  
ThereofTariff  
Section  
ReferenceBasic Time, Overtime\*  
and Premium Time\*See the rates  
for Additional  
Labor as set  
forth in 17.4.3(C)  
preceding.

13.3.1(B)(1)

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(E) Additional Manual Testing - Special Access

| <u>Testing Periods</u>                     | Each Half<br>Hour or<br>Fraction<br>Thereof   | Tariff<br>Section<br>Reference |
|--|---|--------------------------------|
| Basic Time, Overtime*<br>and Premium Time* | See the<br>rates for<br>Additional<br>Labor as<br>set forth in<br>17.4.3(C)<br>preceding. | 13.3.1(B)(2)                   |

(F) Maintenance of Service

| <u>Maintenance of Service<br/>Periods</u>  | Each Half<br>Hour or<br>Fraction<br>Thereof  | Tariff<br>Section<br>Reference |
|--|--|--------------------------------|
| Basic Time, Overtime*<br>and Premium Time* | See the<br>rates for<br>Additional<br>Labor as set forth<br>in 17.4.3(C)<br>preceding. | 13.3.2                         |

(G) Restoration Priority

| <u>Nonrecurring Charge</u> | Tariff<br>Section<br>Reference |
|----------------------------|--------------------------------|
|----------------------------|--------------------------------|

|                      |         |        |
|----------------------|---------|--------|
| Per service arranged | \$54.63 | 13.3.3 |
|----------------------|---------|--------|

(H) Controller Arrangement

| <u>Monthly<br/>Rate</u> | Tariff<br>Section<br>Reference |
|-------------------------|--------------------------------|
| Per Arrangement         | \$100.00 13.3.4(A)             |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

Transmittal No. 209

Issued: June 16, 2017

Effective: July 1, 2017

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

| (I) | <u>Presubscribed Interexchange<br/>Carrier (PIC) Change Charge*</u>   | <u>Nonrecurring Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-----|---|----------------------------|---|
|     | Per Telephone Exchange<br>Service line or trunk for each<br>interLATA PIC Change:   |                            | 13.4(J)                                 |
|     | (1) Submitted using manual methods  | \$ 5.50                    |   |
|     | (2) Submitted using electronic methods  | \$ 1.25                    |   |
|     | (3) Submitted using manual methods<br>when both the interLATA PIC<br>and intraLATA PIC selections<br>are changed simultaneously     | \$ 2.75                    |   |
|     | (4) Submitted using electronic<br>methods when both the interLATA<br>PIC and intraLATA PIC selections<br>are changed simultaneously | \$ 0.63                    |   |
| (J) | <u>Blocking Service**</u>   |                            |   |
|     | Per exchange service line<br>or trunk and/or per Feature<br>Group A Switched Access line  | \$ 11.20                   | 13.8                                    |

\* This charge is generally billed to the end user who is the subscriber to the Telephone Exchange Service. In those instances where the IC both requests the presubscription change, and requests the associated charge be billed to it, the Telephone Company will bill the IC. In the event the subscriber is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event the subscriber denies requesting a presubscription change, the Telephone Company will credit the subscriber's account for the presubscription change charge associated with the alleged unauthorized change, if such charge was billed to the subscriber. The Telephone Company will then bill the IC responsible for the alleged unauthorized change a presubscription change charge to return the subscriber to its previous authorized carrier and, if initially billed to the subscriber, the presubscription change charge for the alleged unauthorized change.

\*\* Blocking access to 900 Service is offered to all subscribers at no charge at the time telephone service is established at a new number and for 60 days thereafter.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(K) Billing Name and Address Service

|   |   | <u>Nonrecurring<br/>Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|---|--------------------------------|---|
| - | Per BNA Order   | \$50.94                        | 13.9.4(A)                               |
| - | Per BNA Record  | \$ 0.33                        | 13.9.4(A)                               |
| - | Optional Magnetic<br>Tape Charge - Per<br>Magnetic Tape | \$91.44                        | 13.9.4(B)                               |
| - | Optional Format<br>Programming Charge<br>- Per Hour     | \$37.20                        | 13.9.4(C)                               |

(L) Originating Line  
Screening (OLS) Service

|   |                           |         |       |
|---|---------------------------|---------|-------|
| - | Per Exchange service line | \$ 7.95 | 13.10 |
|---|---------------------------|---------|-------|

(M) Coin Supervision  
Additive Service

|   |                           | <u>Monthly<br/>Rate</u> |       |
|---|---------------------------|-------------------------|-------|
| - | Per exchange service line | \$ 2.21                 | 13.12 |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(N) Access Recovery Charge (ARC)

Regulations concerning the Access Recovery Charge are set forth in Section 13.16 preceding.

## (1) Residential ARC

Per line or trunk assessed a  
Residence End User Common Line

Exchange

|           |                  |     |     |
|-----------|------------------|-----|-----|
| Bean      | \$1.48 per month | (R) | (C) |
| Cleta     | \$1.48 per month | (R) |     |
| Elkins    | \$1.48 per month | (R) |     |
| Goodnight | \$1.48 per month | (R) |     |
| Gurley    | \$1.48 per month | (R) |     |
| Kress     | \$1.48 per month | (R) |     |
| Redmon    | \$1.48 per month | (R) |     |
| Silverton | \$1.44 per month | (R) |     |
| Umbarger  | \$1.48 per month | (R) |     |
| Vigo Park | \$1.48 per month | (R) |     |

## (2) Single Line Business ARC

Per line or trunk assessed a  
Single Line Business  
End User Common Line \$3.00 per month

## (3) Multiline Business ARC

Per line or trunk assessed a  
Multiline Business  
End User Common Line \$3.00 per month

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.5 Special Federal Government Access Services

|     |   |                             |                                 |                                |
|-----|---|-----------------------------|---------------------------------|--------------------------------|
| (A) | Voice Grade Secure                                  | Monthly                     | Nonrecurring                    | Termination                    |
|     | <u>Communications</u>                               | <u>Rate</u>                 | <u>Charges</u>                  | <u>Charges</u>                 |
|     | Type I, each<br>T-3 Conditioning,                   | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
|     | Type II, each<br>G-1 Conditioning,                  | ICB rates and charges apply |                                 |                                |
|     | Type III, each<br>G-2 Conditioning,                 | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
|     | Type IV, each<br>G-3 Conditioning,                  | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
| (B) | Wideband Digital Special Access Service             |                             |                                 |                                |
|     | Wideband Secure<br><u>Communications</u>            | <u>Monthly<br/>Rates</u>    | <u>Nonrecurring<br/>Charges</u> | <u>Termination<br/>Charges</u> |
|     | Type I, each  | ICB rates and charges apply |                                 |                                |
|     | Type II, each                                       | ICB rates and charges apply |                                 |                                |
|     | Type III, each                                      | ICB rates and charges apply |                                 |                                |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.6 Special Facilities Routing of Access Services(A) Diversity

For each service provided in accordance with 11.1.1, the rates and charges will be developed on an individual case basis.

None

(B) Avoidance

For each service provided in accordance with 11.1.2, the rates and charges will be developed on an individual case basis.

None

(C) Diversity and Avoidance Combined

For each service provided in accordance with 11.1.1 and 11.1.2, combined, the rates and charges will be developed on an individual case basis.

None

(D) Cable-Only Facilities

For each service provided in accordance with 11.1.4, the rates and charges will be developed on an individual case basis.

None

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.7 Specialized Service or Arrangements

Specialized Service or Arrangements are provided  
on an individual case basis as set forth following:

None

(N)

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8. Public Packet Data Network

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

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**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

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**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

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**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

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**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

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**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS)

Regulations concerning Ethernet Transport Service (ETS) are set forth in Section 16.4, preceding.

(A) ETS Channel Terminations

- (1) Per termination when customer designated premises located within 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$ 27.49            | (R) | \$295.00                   |
| 5 Mbps          | \$ 33.72            | (R) | \$295.00                   |
| 10 Mbps         | \$ 38.96            | (R) | \$295.00                   |
| 20 Mbps         | \$ 42.76            | (R) | \$295.00                   |
| 50 Mbps         | \$ 49.44            | (R) | \$295.00                   |
| 100 Mbps        | \$ 54.93            | (R) | \$295.00                   |
| 250 Mbps        | \$ 78.24            | (R) | \$295.00                   |
| 500 Mbps        | \$102.55            | (R) | \$442.00                   |
| 750 Mbps        | \$119.17            | (R) | \$442.00                   |
| 1 Gbps          | \$136.42            | (R) | \$442.00                   |
| 2.5 Gbps        | \$263.68            | (R) | \$442.00                   |
| 5 Gbps          | \$400.35            | (R) | \$442.00                   |
| 10 Gbps         | \$546.66            | (R) | \$442.00                   |

- (2) Per termination when customer designated premises located more than 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$ 103.89           | (R) | \$295.00                   |
| 5 Mbps          | \$ 105.02           | (R) | \$295.00                   |
| 10 Mbps         | \$ 106.52           | (R) | \$295.00                   |
| 20 Mbps         | \$ 120.51           | (R) | \$295.00                   |
| 50 Mbps         | \$ 136.23           | (R) | \$295.00                   |
| 100 Mbps        | \$ 142.56           | (R) | \$295.00                   |
| 250 Mbps        | \$ 148.87           | (R) | \$295.00                   |
| 500 Mbps        | \$ 196.94           | (R) | \$442.00                   |
| 750 Mbps        | \$ 226.53           | (R) | \$442.00                   |
| 1 Gbps          | \$ 262.59           | (R) | \$442.00                   |
| 2.5 Gbps        | \$ 506.64           | (R) | \$442.00                   |
| 5 Gbps          | \$ 769.47           | (R) | \$442.00                   |
| 10 Gbps         | \$1,051.32          | (R) | \$442.00                   |

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Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(B) Ports

## (1) Per ETS Basic Port

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 37.62                | (R) | \$259.00                       |
| 5 Mbps          | \$ 41.65                | (R) | \$259.00                       |
| 10 Mbps         | \$ 46.00                | (R) | \$259.00                       |
| 20 Mbps         | \$ 51.10                | (R) | \$259.00                       |
| 50 Mbps         | \$ 54.15                | (R) | \$259.00                       |
| 100 Mbps        | \$ 59.09                | (R) | \$259.00                       |
| 250 Mbps        | \$ 81.54                | (R) | \$259.00                       |
| 500 Mbps        | \$103.39                | (R) | \$388.00                       |
| 750 Mbps        | \$130.75                | (R) | \$388.00                       |
| 1 Gbps          | \$157.55                | (R) | \$388.00                       |
| 2.5 Gbps        | \$302.60                | (R) | \$388.00                       |
| 5 Gbps          | \$459.95                | (R) | \$388.00                       |
| 10 Gbps         | \$629.41                | (R) | \$388.00                       |

## (2) Per ETS Interconnection Port

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 44.736 Mbps     | \$ 613.18               | (R) | \$175.00                       |
| 155.52 Mbps     | \$ 735.82               | (R) | \$262.00                       |
| 622.08 Mbps     | \$1,226.38              | (R) | \$262.00                       |

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs)

## (1) Per Intraswitch ETS EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|--------------------------------|
| 2 Mbps          | \$0.00                  | \$205.00                       |
| 5 Mbps          | \$0.00                  | \$205.00                       |
| 10 Mbps         | \$0.00                  | \$205.00                       |
| 20 Mbps         | \$0.00                  | \$205.00                       |
| 50 Mbps         | \$0.00                  | \$205.00                       |
| 100 Mbps        | \$0.00                  | \$205.00                       |
| 250 Mbps        | \$0.00                  | \$205.00                       |
| 500 Mbps        | \$0.00                  | \$307.00                       |
| 750 Mbps        | \$0.00                  | \$307.00                       |
| 1 Gbps          | \$0.00                  | \$307.00                       |
| 2.5 Gbps        | \$0.00                  | \$307.00                       |
| 5 Gbps          | \$0.00                  | \$307.00                       |
| 10 Gbps         | \$0.00                  | \$307.00                       |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.23 (I)       | \$0.46 (I)  |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.13 (I)       | \$0.25 (I)  |

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

## (1) Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.08           | \$0.14      |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.05           | \$0.11      |

## (2) Per Interswitch ETS EVC

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$ 16.12            | (R) | \$205.00                   |
| 5 Mbps          | \$ 21.80            | (R) | \$205.00                   |
| 10 Mbps         | \$ 40.88            | (R) | \$205.00                   |
| 20 Mbps         | \$ 81.75            | (R) | \$205.00                   |
| 50 Mbps         | \$ 110.28           | (R) | \$205.00                   |
| 100 Mbps        | \$ 175.93           | (R) | \$205.00                   |
| 250 Mbps        | \$ 362.46           | (R) | \$205.00                   |
| 500 Mbps        | \$ 603.94           | (R) | \$307.00                   |
| 750 Mbps        | \$ 802.60           | (R) | \$307.00                   |
| 1 Gbps          | \$1,050.34          | (R) | \$307.00                   |
| 2.5 Gbps        | \$2,023.09          | (R) | \$307.00                   |
| 5 Gbps          | \$3,074.40          | (R) | \$307.00                   |
| 10 Gbps         | \$4,205.26          | (R) | \$307.00                   |

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

## (2) Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.77           | \$1.55      |
| (R)              |             |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.46           | \$0.93      |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.27           | \$0.56      |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

|                  |             |
|------------------|-------------|
| Near             | Real        |
| <u>Real Time</u> | <u>Time</u> |
| \$0.18           | \$0.35      |

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(D) ETS Extended Ethernet Virtual Connections (E-EVCs)

Per ETS E-EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 10.75                | (R) | \$410.00                       |
| 5 Mbps          | \$ 13.62                | (R) | \$410.00                       |
| 10 Mbps         | \$ 24.53                | (R) | \$410.00                       |
| 20 Mbps         | \$ 49.05                | (R) | \$410.00                       |
| 50 Mbps         | \$ 73.52                | (R) | \$410.00                       |
| 100 Mbps        | \$ 118.17               | (R) | \$410.00                       |
| 250 Mbps        | \$ 245.96               | (R) | \$410.00                       |
| 500 Mbps        | \$ 380.75               | (R) | \$615.00                       |
| 750 Mbps        | \$ 517.80               | (R) | \$615.00                       |
| 1 Gbps          | \$ 656.44               | (R) | \$615.00                       |
| 2.5 Gbps        | \$1,265.73              | (R) | \$615.00                       |
| 5 Gbps          | \$1,922.79              | (R) | \$615.00                       |
| 10 Gbps         | \$2,628.28              | (R) | \$615.00                       |

(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)

- (1) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to fifty miles.

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 52.64                | (R) | \$410.00                       |
| 5 Mbps          | \$ 68.32                | (R) | \$410.00                       |
| 10 Mbps         | \$ 132.51               | (R) | \$410.00                       |
| 20 Mbps         | \$ 251.73               | (R) | \$410.00                       |
| 50 Mbps         | \$ 417.00               | (R) | \$410.00                       |
| 100 Mbps        | \$ 589.02               | (R) | \$410.00                       |
| 250 Mbps        | \$ 1,340.38             | (R) | \$410.00                       |
| 500 Mbps        | \$ 1,836.38             | (R) | \$615.00                       |
| 750 Mbps        | \$ 2,463.40             | (R) | \$615.00                       |
| 1 Gbps          | \$ 3,118.39             | (R) | \$615.00                       |
| 2.5 Gbps        | \$ 6,002.24             | (R) | \$615.00                       |
| 5 Gbps          | \$ 9,121.91             | (R) | \$615.00                       |
| 10 Gbps         | \$12,471.92             | (R) | \$615.00                       |

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Issued: June 16, 2020

Effective: July 1, 2020

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)  
(Cont'd)

(2) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is between fifty-one and seventy-five miles.

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 88.16                | (R) | \$410.00                       |
| 5 Mbps          | \$ 139.56               | (R) | \$410.00                       |
| 10 Mbps         | \$ 271.80               | (R) | \$410.00                       |
| 20 Mbps         | \$ 367.29               | (R) | \$410.00                       |
| 50 Mbps         | \$ 743.16               | (R) | \$410.00                       |
| 100 Mbps        | \$ 905.94               | (R) | \$410.00                       |
| 250 Mbps        | \$ 1,571.23             | (R) | \$410.00                       |
| 500 Mbps        | \$ 2,151.59             | (R) | \$615.00                       |
| 750 Mbps        | \$ 2,894.74             | (R) | \$615.00                       |
| 1 Gbps          | \$ 3,680.36             | (R) | \$615.00                       |
| 2.5 Gbps        | \$ 7,086.16             | (R) | \$615.00                       |
| 5 Gbps          | \$10,764.74             | (R) | \$615.00                       |
| 10 Gbps         | \$14,721.06             | (R) | \$615.00                       |

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions

## (1) DSL Access Service Connection

## (a) Per ETS Basic Port equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |
|-----------------|----------------------------|
| 2 Mbps          | \$150.00                   |
| 5 Mbps          | \$150.00                   |
| 10 Mbps         | \$150.00                   |
| 20 Mbps         | \$150.00                   |
| 50 Mbps         | \$150.00                   |
| 100 Mbps        | \$150.00                   |
| 250 Mbps        | \$150.00                   |
| 500 Mbps        | \$225.00                   |
| 750 Mbps        | \$225.00                   |
| 1 Gbps          | \$225.00                   |
| 2.5 Gbps        | \$225.00                   |
| 5 Gbps          | \$225.00                   |
| 10 Gbps         | \$225.00                   |

## (b) Per ETS Interconnection Port equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |
|-----------------|----------------------------|
| 44.736 Mbps     | \$ 150.00                  |
| 155.52 Mbps     | \$ 225.00                  |
| 622.08 Mbps     | \$ 225.00                  |

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions (Cont'd)

## (1) DSL Access Service Connection (Cont'd)

## (c) Per ETS MM-VCC

|                          | <u>Monthly Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------|---------------------|--------------------------------|
| Per 10 Mbps<br>increment | \$1.99 (R)          | \$7.00                         |

## (d) Per ETS Design Change

| <u>Nonrecurring<br/>Charge</u> |
|--------------------------------|
| \$6.00                         |

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(G) ETS Port Protection

- (a) Per feature when customer designated premises
- 
- located within 300 feet of ETS SWC at speeds of:

|                     | <u>Monthly Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|---------------------|---------------------|--------------------------------|
| 2 Mbps to 1 Gbps    | \$ 78.64 (R)        | \$560.00                       |
| 2.5 Gbps to 10 Gbps | \$196.46 (R)        | \$560.00                       |

- (b) Per feature when customer designated premises
- 
- located more than 300 feet of ETS SWC at
- 
- speeds of:

|                     | <u>Monthly Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|---------------------|---------------------|--------------------------------|
| 2 Mbps to 1 Gbps    | \$181.09 (R)        | \$560.00                       |
| 2.5 Gbps to 10 Gbps | \$440.34 (R)        | \$560.00                       |

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**ACCESS SERVICE**17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.4 Internet Protocol Gateway Access Service

Regulations concerning Internet Protocol Gateway Access Service are set forth in Section 16.9 of the JSI Tariff F.C.C. No. 1.

|     |  | Monthly<br>Rate     | Nonrecurring<br>Charge |
|-----|--|---------------------|------------------------|
| (A) | IPG Transport Termination<br>Per Termination         |                     |                        |
|     | - DS1 1.544 Mbps                                     | \$ 125.52 (R)       | \$330.00               |
|     | - DS3 44.736 Mbps                                    | \$1,034.83 (R)      | \$445.00               |
| (B) | IPG Transport Mileage                                |                     |                        |
|     |  | <u>Monthly Rate</u> |                        |
| (1) | IPG Transport Mileage Facility<br>Per Mile           |                     |                        |
|     | - 1.544 Mbps   | \$ 7.77             | (R)                    |
|     | - 44.736 Mbps  | \$67.64             | (R)                    |
| (2) | IPG Transport Mileage Termination<br>Per Termination |                     |                        |
|     | - 1.544 Mbps   | \$ 40.28            | (R)                    |
|     | - 44.736 Mbps  | \$258.70            | (R)                    |
| (C) | IPG Port<br>Per Port                                 |                     |                        |
|     | - 1.544 Mbps   | \$ 40.28            | (R)                    |
|     | - 44.736 Mbps  | \$498.49            | (R)                    |

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## ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc.

17.1 Common Line Access Service

17.1.1 End User Access Service

Rates, terms and conditions for the Telephone Company's offering of End User Access service may be found in NECA Tariff F.C.C. No. 5.

17.1.2 Federal Universal Service Charge (FUSC)

Rates, terms and conditions for the Telephone Company's Federal Universal Service Charge (FUSC) can be found in the NECA Tariff F.C.C. No. 5.

(N)  
|  
(N)

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Issued: June 16, 2017

President  
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Effective: July 1, 2017

**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.2 Switched Access Service17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(A) Local Transport - Installation  
Per Entrance Facility

6.4.1(B)(1)

|                                    |          |
|------------------------------------|----------|
| - Voice Grade Two Wire             | \$483.86 |
| - Voice Grade Four Wire            | \$483.86 |
| - High Capacity DS1                | \$354.84 |
| - High Capacity DS3                | \$478.49 |
| - Synchronous Optical Channel OC3  | \$387.09 |
| - Synchronous Optical Channel OC12 | \$387.09 |
| - ESALT 2 Mbps                     | \$573.45 |
| - ESALT 10 Mbps                    | \$573.45 |
| - ESALT 50 Mbps                    | \$573.45 |

(B) Interim NXX Translation  
Per Order

\$236.56

6.4.1(B)(2)

Per LATA or Market Area

(C) FGC and FGD Conversion of  
Multifrequency Address  
Signaling to SS7 Signaling  
or SS7 Signaling to  
Multifrequency Address  
Signaling

- Per 24 Trunks Converted  
or Fraction thereof on  
a Per Order Basis

\$475.25

6.4.1(B)(3)

(D) Direct Trunked Transport  
ActivatedPer Order

- Per 24 Trunks Activated  
or Fraction thereof on  
a Per Order Basis

\$493.53

6.4.1(B)(1)

(E) ESALT Direct Trunked  
Termination

6.4.1(B)(1)

- Per ESALT Direct Trunked  
Termination Installation

\$377.81

(N)

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(F) Flexible Automatic Number  
Identification (Flex ANI)

- Per End Office, Per CIC

None

6.4.1(B)(1)

(G) ESALT Entrance Facility  
Protection- Per ESALT  
Entrance Facility

\$579.65

17.2.2 Local TransportMonthly  
RatePremium Access- Entrance Facility  
Per Termination

6.1.3(A)(1)

|                         |            |
|-------------------------|------------|
| - Voice Grade Two Wire  | \$ 27.93   |
| - Voice Grade Four Wire | \$ 44.70   |
| - High Capacity DS1     | \$ 136.19  |
| - High Capacity DS3     | \$1,243.55 |
| - Optical Channel OC3   | \$1,268.05 |
| - Optical Channel OC12  | \$1,353.87 |
| - ESALT 2 Mbps          | \$ 241.22  |
| - ESALT 10 Mbps         | \$ 260.00  |
| - ESALT 50 Mbps         | \$ 336.85  |

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

| 17.2 <u>Switched Access Service</u> (Cont'd) | Monthly<br>Rate | Tariff<br>Section<br>Reference |
|--|-----------------|--------------------------------|
| 17.2.2 <u>Local Transport</u> (Cont'd)       |                 |                                |
| - <u>Direct Trunked Transport</u>            |                 | 6.1.3(A)(2)                    |
| - <u>Direct Trunked Facility</u><br>Per Mile |                 |                                |
| - Voice Grade                                | \$ 1.99         |                                |
| - High Capacity DS1                          | \$ 9.33         |                                |
| - High Capacity DS3                          | \$ 81.29        |                                |
| - Optical Channel OC3                        | \$ 87.01        |                                |
| - Optical Channel OC12                       | \$ 109.21       |                                |
| - Per DTF-E1 Facility                        |                 |                                |
| ESALT 2 Mbps                                 | \$ 27.48        |                                |
| ESALT 10 Mbps                                | \$ 69.69        |                                |
| ESALT 50 Mbps                                | \$ 195.13       |                                |
| - Per DTF-E2 Facility                        |                 |                                |
| ESALT 2 Mbps                                 | \$ 18.33        |                                |
| ESALT 10 Mbps                                | \$ 41.82        |                                |
| ESALT 50 Mbps                                | \$ 130.10       |                                |
| - Per DTF-E3 Facility                        |                 |                                |
| ESALT 2 Mbps                                 | \$ 47.33        |                                |
| ESALT 10 Mbps                                | \$ 119.13       |                                |
| ESALT 50 Mbps                                | \$ 389.08       |                                |
| - Per DTF-E4 Facility                        |                 |                                |
| ESALT 2 Mbps                                 | \$ 79.25        |                                |
| ESALT 10 Mbps                                | \$ 244.35       |                                |
| ESALT 50 Mbps                                | \$ 693.41       |                                |
| - <u>Direct Trunked Termination</u>          |                 |                                |
| Per Termination                              |                 |                                |
| - Voice Grade                                | \$ 20.00        |                                |
| - High Capacity DS1                          | \$ 48.41        |                                |
| - High Capacity DS3                          | \$ 310.88       |                                |
| - Optical Channel OC3                        | \$ 323.69       |                                |
| - Optical Channel OC12                       | \$ 704.78       |                                |
| - ESALT 2 Mbps                               | \$ 64.14        |                                |
| - ESALT 10 Mbps                              | \$ 78.40        |                                |
| - ESALT 50 Mbps                              | \$ 95.82        |                                |

(N)

(N)

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

| 17.2   | <u>Switched Access Service</u> (Cont'd)       | Monthly<br>Rate | Tariff<br>Section<br>Reference |
|--------|---|-----------------|--------------------------------|
| 17.2.2 | <u>Local Transport</u> (Cont'd)               |                 |                                |
|        | <u>Multiplexing</u>                           |                 |                                |
|        | Per Arrangement                               |                 | 6.1.3(A)(5)                    |
|        | - DS3 to DS1                                  | \$ 283.64       |                                |
|        | - DS1 to Voice                                | \$ 109.51       |                                |
|        | <u>Premium Access</u>                         |                 |                                |
| -      | <u>Tandem Switched Transport</u>              |                 | 6.1.3(A)(3)                    |
|        | - <u>Tandem Switched Facility</u>             | \$0.000256      |                                |
|        | Per Access Minute Per Mile                    |                 |                                |
| -      | <u>Tandem Switched Termination</u>            | \$0.001328      |                                |
|        | Per Access Minute                             |                 |                                |
|        | Per Termination                               |                 |                                |
| -      | <u>Tandem Switching</u>                       | \$0.003351      | 6.1.3(A)(3)                    |
|        | Per Access Minute                             |                 |                                |
|        | Per Tandem                                    |                 |                                |
| -      | <u>Network Blocking Per Blocked Call</u>      |                 |                                |
|        | Applies to FGD only                           | \$0.009754      | 6.8.6                          |
| -      | <u>800 Series Data Base Access Service</u>    |                 |                                |
|        | <u>Queries</u>                                |                 |                                |
|        | Per Query                                     |                 |                                |
|        | Basic   | \$0.003369      |                                |
|        | Vertical Feature                              | \$0.003724      |                                |
|        | <u>ESALT Real Time CoS/QoS</u>                |                 |                                |
|        | Per ESALT Direct Trunked Facility, Per Option |                 |                                |
|        | ESALT 2 Mbps                                  | \$ 5.25         |                                |
|        | ESALT 10 Mbps                                 | \$ 26.25        |                                |
|        | ESALT 50 Mbps                                 | \$ 81.69        |                                |
|        | <u>ESALT Entrance Facility Protection</u>     |                 |                                |
|        | Per ESALT Entrance Facility                   |                 |                                |
|        | ESALT 2 Mbps                                  | \$168.98        |                                |
|        | ESALT 10 Mbps                                 | \$168.98        |                                |
|        | ESALT 50 Mbps                                 | \$168.98        |                                |

(N)

(N)

**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)Non-Premium Access (Cont'd)(A) Common Channel Signaling  
Network Connection(1) Signaling Network Access Link

|  | <u>Rate</u> |
|--|-------------|
| - Signaling Mileage<br>Facility per mile           | \$ 2.68     |
| - Signaling Mileage Termination<br>per Termination | \$ 26.92    |

Nonrecurring  
Charge

|   |          |          |
|---|----------|----------|
| - Signaling Entrance Facility<br>per Facility | \$ 51.55 | \$419.35 |
| (2) STP Port<br>- per port                    | \$265.69 |          |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff  
Section  
Reference(A) Local Switching  
Premium

|                                 |            |             |     |
|---------------------------------|------------|-------------|-----|
| - Per Originating Access Minute | \$0.008561 | 6.1.3(B)(1) |     |
| - Per Terminating Access Minute | \$0.000000 |             | (R) |

Non-Premium

|                                 |            |             |     |
|---------------------------------|------------|-------------|-----|
| - Per Originating Access Minute | \$0.003853 | 6.1.3(B)(1) |     |
| - Per Terminating Access Minute | \$0.000000 |             | (R) |

(B) Information Surcharge-Premium

|                                    |            |             |  |
|------------------------------------|------------|-------------|--|
| Per Originating 100 Access Minutes | \$0.031389 | 6.1.3(B)(2) |  |
| Per Terminating 100 Access Minutes | \$0.000000 |             |  |

-Non-Premium

|                                    |            |             |  |
|------------------------------------|------------|-------------|--|
| Per Originating 100 Access Minutes | \$0.014125 | 6.1.3(B)(2) |  |
| Per Terminating 100 Access Minutes | \$0.000000 |             |  |

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**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

|      |   |  |                                 |                                |
|------|---|--|---------------------------------|--------------------------------|
| 17.2 | <u>Switched Access Service</u> (Cont'd) |  | Assumed<br>Minutes<br>Per Month | Tariff<br>Section<br>Reference |
|      | 17.2.5 <u>Assumed Minutes of Use</u>    |  |                                 |                                |
|      | (A)                                     | Feature Group A,<br>Two Way Calling<br>(1510 Originating,<br>2685 Terminating) | 4195                            | 6.5.4                          |
|      | (B)                                     | Feature Group A,<br>Originating Only   | 1510                            | 6.5.4                          |
|      | (C)                                     | Feature Group A,<br>Terminating Only   | 2685                            | 6.5.4                          |
|      | (D)                                     | Feature Group B,<br>Two Way Calling<br>(3132 Originating,<br>5568 Terminating) | 8700                            | 6.6.4                          |
|      | (E)                                     | Feature Group B,<br>Originating Only   | 3132                            | 6.6.4                          |
|      | (F)                                     | Feature Group B,<br>Terminating Only   | 5568                            | 6.6.4                          |

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

Regulations concerning the surcharge for special access service are set forth in Section 7.3 of the NECA Tariff F.C.C. No. 5.

The rate applicable to the surcharge for special access service is set forth in the NECA Tariff F.C.C. No. 5, Section 17.3.1.

(N)

Transmittal No. 209



**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Reserved For Future Use

(C)

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Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.6 of the JSI Tariff F.C.C. No. 1.

|     |   | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |     |
|-----|---|-------------------------|--------------------------------|-----|
| (A) | Channel Termination<br>Per Termination            |                         |                                |     |
|     | - Two-Wire  | \$32.47 (R)             | \$329.33                       |     |
|     | - Four-Wire                                       | \$51.96 (R)             | \$329.33                       |     |
| (B) | Channel Mileage                                   |                         |                                |     |
| (1) | Channel Mileage<br>Facility<br>Per Mile           | \$ 2.32                 |                                | (R) |
| (2) | Channel Mileage<br>Termination<br>Per Termination | \$23.25                 |                                | (R) |
| (C) | Optional Features and<br>Functions                |                         |                                |     |
| (1) | Bridging  |                         |                                |     |
| (a) | <u>Voice Bridging</u><br>Per Port                 |                         |                                |     |
|     | Two-Wire/Four-Wire                                |                         |                                |     |
|     | - Two-Wire  | \$ 3.92                 |                                | (R) |
|     | - Four-Wire                                       | \$ 3.92                 |                                | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)Monthly  
Rate

## (C) Optional Features and Functions (Cont'd)

## (1) Bridging (Cont'd)

(b) Data Bridging  
Per Port

- Two-Wire \$3.92 (R)

- Four-Wire \$3.92 (R)

(c) Telephoto Bridging per port

- Two-Wire \$3.92 (R)

- Four-Wire \$3.92 (R)

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

|     |   | Monthly<br>Rate |     |
|-----|---|-----------------|-----|
| (C) | Optional Features and Functions (Cont'd)  |                 |     |
| (2) | Conditioning Per Termination  |                 |     |
|     | - C Type  | \$5.75          | (R) |
|     | - Improved Attenuation Distortion*  | None            |     |
|     | - Improved Envelope Delay Distortion*   | None            |     |
|     | - Data Capability   | \$5.11          | (R) |
|     | - Telephoto Capability  | \$5.43          | (R) |
|     | - Sealing Current   | None            |     |
| (3) | Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination |                 |     |
|     | - Two-Wire  | \$8.22          | (R) |
|     | - Four-Wire   | \$8.22          | (R) |
| (4) | Customer Specified Receive Level per two-wire termination                             | \$6.21          | (R) |

\* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

|     |  | Monthly<br>Rate |     |
|-----|--|-----------------|-----|
| (C) | Optional Features and Functions (Cont'd)   |                 |     |
| (5) | Multiplexing Per arrangement<br>Voice to Telegraph Grade                           | \$136.15        | (R) |
| (6) | Signaling Capability<br>Per termination  | \$ 13.17        | (R) |
| (7) | Selective Signaling Arrangement<br>Per arrangement                                 | \$ 3.92         | (R) |
| (8) | Transfer Arrangement<br>(key activated*<br>or dial up**)                           |                 |     |
| -   | Per four port arrangement<br>including control channel<br>termination***           | \$ 1.86         | (R) |
| -   | Per five port arrangement<br>including control channel<br>termination***           | \$ 4.31         | (R) |
| (9) | Public Packet Switching Network<br>(PPSN) Interface Arrangement Per<br>arrangement | ICB             |     |

ICB rates and charges are filed in Section 17.3.9 following.

\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use

(C)

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Transmittal No. 221

**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use (Cont'd)

(C)

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Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770



**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Reserved For Future Use

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Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Reserved For Future Use

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Transmittal No. 221

**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.10 of the JSI Tariff F.C.C. No. 1.

|  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--|-------------------------|--------------------------------|
| (A) Channel Termination<br>Per Termination         |                         |                                |
| - DS1 1.544 Mbps                                   | \$ 149.44 (R)           | \$241.51                       |
| - DS1C 3.152 Mbps                                  | ICB                     | ICB                            |
| - DS2 6.312 Mbps                                   | ICB                     | ICB                            |
| - DS3 44.736 Mbps                                  | \$1,232.06 (R)          | \$325.67                       |
| - DS4 274.176 Mbps                                 | ICB                     | ICB                            |
| (B) Channel Mileage                                |                         |                                |
|  | <u>Monthly Rate</u>     |                                |
| (1) Channel Mileage Facility<br>Per Mile           |                         |                                |
| - 64.0 Kbps  | \$ 3.12                 | (R)                            |
| - 1.544 Mbps                                       | \$ 9.25                 | (R)                            |
| - 3.152 Mbps                                       | ICB                     |                                |
| - 6.312 Mbps                                       | ICB                     |                                |
| - 44.736 Mbps                                      | \$ 80.53                | (R)                            |
| - 274.176 Mbps                                     | ICB                     |                                |
| (2) Channel Mileage Termination<br>Per Termination |                         |                                |
| - 64.0 Kbps  | \$ 31.30                | (R)                            |
| - 1.544 Mbps                                       | \$ 47.97                | (R)                            |
| - 3.152 Mbps                                       | ICB                     |                                |
| - 6.312 Mbps                                       | ICB                     |                                |
| - 44.736 Mbps                                      | \$ 308.02               | (R)                            |
| - 274.176 Mbps                                     | ICB                     |                                |

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

| (C) | Term Discounts                    | <u>Percentage</u>       |     |
|-----|-----------------------------------|-------------------------|-----|
|     | DS1 and DS3 services              |                         |     |
|     | 36 months                         | 10%                     |     |
|     | 60 months                         | 20%                     |     |
|     |                                   | <u>Monthly<br/>Rate</u> |     |
| (D) | Optional Features and Functions   |                         |     |
|     | (1) Multiplexing, per arrangement |                         |     |
|     | DS4 to DS1                        | ICB                     |     |
|     | DS3 to DS1                        | \$285.49                | (R) |
|     | DS2 to DS1                        | ICB                     |     |
|     | DS1C to DS1                       | ICB                     |     |
|     | DS1 to Voice*                     | 117.82                  | (R) |
|     | DS1 to DSO                        | 117.82                  | (R) |
|     | DSO to Subrates                   |                         |     |
|     | - Up to 20 2.4 kbps services      | \$281.68                | (R) |
|     | - Up to 10 4.8 kbps services      | 191.41                  | (R) |
|     | - Up to 5 9.6 kbps services       | 169.73                  | (R) |

\* A channel of this DS1 to the Hub can be used for Digital Data service.  
ICB rates and charges are filed in Section 17.3.9 following.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

|     |   | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |          |
|-----|---|-------------------------|--------------------------------|----------|
| (D) | Optional Features and Functions (Cont'd)  |                         |                                |          |
| (2) | Automatic Loop Transfer<br>Per arrangement*   | \$ 95.09                |                                | (R)      |
| (3) | Transfer Arrangement<br>(key activated** or dial up***)<br>Per four port arrangement including<br>control channel termination**** | \$103.65                |                                | (R)      |
| (E) | Network Channel Terminating<br>Equipment (NCTE) Per termination#  |                         |                                |          |
|     | - 1.544 Mbps  | \$ 53.93                |                                | (R)      |
|     | - Automatic Loop Transfer   | 216.68                  |                                | (R)      |
| (F) | DSL Access Service Connection   |                         |                                |          |
|     | - per 1.544 Mbps  | \$ 150.74               | (R)                            | \$326.80 |
|     | - per 44.736 Mbps   | 1,046.82                | (R)                            | 472.04   |

\* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

\*\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

# NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(N)

(N)

Transmittal No. 209

**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use

(C)

(D)

(D)

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**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services17.4.1 Access Ordering

|  | <u>Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---------------|---|
| (A) <u>Access Order Charge</u>   |               |   |
| Per order  | \$ 86.00      | 5.4.1                                   |
| (B) <u>Service Date Change Charge</u>  |               |   |
| A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 17.4.1(A) preceding does not apply. The applicable charge is: |               |   |
| Service Date Change Charge, per order  | \$ 60.00      | 5.4.3                                   |
| (C) <u>Design Change Charge</u>  |               |   |
| The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change. The applicable charge is:   |               |   |
| Design Change Charge, per order  | \$ 84.00      | 5.4.3                                   |
| (D) <u>Miscellaneous Service Order Charge</u>  |               |   |
| Per Occurrence   | \$123.00      | 5.4.2                                   |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.2 Additional Engineering

| <u>Additional Engineering<br/>Periods</u> |   | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|---|---|---|
| (A)                                       | Basic Time per engineer<br>normally scheduled<br>working hours          | \$31.03   | 13.1                                    |
| (B)                                       | Overtime per engineer<br>outside of normally<br>scheduled working hours | \$46.55   | 13.1                                    |
| (C)                                       | Premium Time per engineer<br>outside of scheduled work day.             | \$62.06   | 13.1                                    |

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor

| <u>Additional Labor<br/>Periods</u> |  | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-------------------------------------|--|---|---|
| (A) Installation or Repair          |  |   |   |
| -                                   | Overtime,<br>outside of normally<br>scheduled working<br>hours on a scheduled<br>work day,<br>per technician | \$47.57*  | 13.2.1 &<br>13.2.2                      |
| -                                   | Premium Time,<br>outside of scheduled<br>work day,<br>per technician   | \$63.42*  | 13.2.1 &<br>13.2.2                      |
| (B) Stand by                        |  |   |   |
| -                                   | Basic time,<br>normally scheduled<br>working hours,<br>per technician  | \$21.18   | 13.2.3                                  |
| -                                   | Overtime,<br>outside of normally<br>scheduled working<br>hours on a scheduled<br>work day<br>per technician  | \$31.77   | 13.2.3                                  |
| -                                   | Premium Time,<br>outside of scheduled<br>work day,<br>per technician   | \$42.36   | 13.2.3                                  |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.3 Additional Labor (Cont'd)

|     |  | <u>Each Half Hour or Fraction Thereof</u>         |  |   |
|-----|--|---|--|---|
|     | <u>Additional Labor<br/>Periods</u>  | <u>Installation<br/>and Repair<br/>Technician</u> | <u>Central Office<br/>Maintenance<br/>Technician</u> | <u>Tariff<br/>Section<br/>Reference</u> |
| (C) | Testing and Maintenance with<br>other Telephone Companies, or<br>Other Labor |   |  |   |
| -   | Basic Time per technician  | \$31.71   | \$34.66  | 13.2.4 &<br>13.2.5                      |
| -   | normally scheduled working hours   |   |  |   |
| -   | Overtime per technician  | \$47.57   | \$51.99  | 13.2.4 &<br>13.2.5                      |
| -   | outside of normally scheduled<br>working hours on a scheduled<br>work day    |   |  |   |
| -   | Premium Time per technician  | \$63.42   | \$69.32  | 13.2.4 &<br>13.2.5                      |
| -   | outside of scheduled work day  |   |  |   |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

Transmittal No. 209

**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services(A) Additional Cooperative Acceptance Testing  
- Switched Access

| <u>Testing Periods</u>                     | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u>                               | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---|---|
| Basic Time, Overtime*<br>and Premium Time* | See the rates<br>for Additional<br>Labor as set<br>forth in 17.4.3(C)<br>preceding. | 13.3.1(A)(1)                            |

(B) Additional Automatic Testing - Switched AccessTo First Point  
of Switching

## Additional Tests

|                         | <u>Per Test Per<br/>Transmission Path</u> |              |
|-------------------------|---|--------------|
| Gain-Slope Tests        | \$2.89                                    | 13.3.1(A)(2) |
| C-Notched Noise Tests   | \$2.89                                    | 13.3.1(A)(2) |
| 1004 Hz Loss**          | \$2.89                                    | 13.3.1(A)(2) |
| C-Message Noise**       | \$2.89                                    | 13.3.1(A)(2) |
| Balance (return loss)** | \$2.89                                    | 13.3.1(A)(2) |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

\*\* 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests; however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein apply.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(C) Additional Manual Testing - Switched AccessTo First Point  
of Switching

Additional Tests

Each Half Hour  
or Fraction  
ThereofTariff  
Section  
ReferenceGain-Slope,  
C-Notched Noise and  
any other agreed to  
tests, per technician  
forth in 17.4.3(C)  
precedingSee the rates  
for Additional  
Labor as set

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing  
- Special AccessTesting PeriodsEach Half  
Hour or  
Fraction  
ThereofTariff  
Section  
ReferenceBasic Time, Overtime\*  
and Premium Time\*See the rates  
for Additional  
Labor as set  
forth in 17.4.3(C)  
preceding.

13.3.1(B)(1)

\* A call out of a Telephone Company employee at a time not consecutive with the employee's  
scheduled work period is subject to a minimum charge of four hours.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(E) Additional Manual Testing - Special Access

| <u>Testing Periods</u>                     | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u>                                     | <u>Tariff<br/>Section<br/>Reference</u> |
|--|---|---|
| Basic Time, Overtime*<br>and Premium Time* | See the<br>rates for<br>Additional<br>Labor as<br>set forth in<br>17.4.3(C)<br>preceding. | 13.3.1(B)(2)                            |

(F) Maintenance of Service

| <u>Maintenance of Service<br/>Periods</u>  | <u>Each Half<br/>Hour or<br/>Fraction<br/>Thereof</u>                                  | <u>Tariff<br/>Section<br/>Reference</u> |
|--|--|---|
| Basic Time, Overtime*<br>and Premium Time* | See the<br>rates for<br>Additional<br>Labor as set forth<br>in 17.4.3(C)<br>preceding. | 13.3.2                                  |

(G) Restoration Priority

| <u>Nonrecurring Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|----------------------------|---|
|----------------------------|---|

|                      |         |        |
|----------------------|---------|--------|
| Per service arranged | \$54.63 | 13.3.3 |
|----------------------|---------|--------|

(H) Controller Arrangement

| <u>Monthly<br/>Rate</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-------------------------|---|
| Per Arrangement         | \$100.00 13.3.4(A)                      |

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

Transmittal No. 209

Issued: June 16, 2017

Effective: July 1, 2017

President  
7852 Walker Drive, Greenbelt, Maryland 20770



**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

| (I) | <u>Presubscribed Interexchange<br/>Carrier (PIC) Change Charge*</u>   | <u>Nonrecurring Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|-----|---|----------------------------|---|
|     | Per Telephone Exchange<br>Service line or trunk for each<br>interLATA PIC Change:   |                            | 13.4(J)                                 |
|     | (1) Submitted using manual methods  | \$ 5.50                    |   |
|     | (2) Submitted using electronic methods  | \$ 1.25                    |   |
|     | (3) Submitted using manual methods<br>when both the interLATA PIC<br>and intraLATA PIC selections<br>are changed simultaneously     | \$ 2.75                    |   |
|     | (4) Submitted using electronic<br>methods when both the interLATA<br>PIC and intraLATA PIC selections<br>are changed simultaneously | \$ 0.63                    |   |
| (J) | <u>Blocking Service**</u>   |                            |   |
|     | Per exchange service line<br>or trunk and/or per Feature<br>Group A Switched Access line  | \$ 11.20                   | 13.8                                    |

\* This charge is generally billed to the end user who is the subscriber to the Telephone Exchange Service. In those instances where the IC both requests the presubscription change, and requests the associated charge be billed to it, the Telephone Company will bill the IC. In the event the subscriber is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event the subscriber denies requesting a presubscription change, the Telephone Company will credit the subscriber's account for the presubscription change charge associated with the alleged unauthorized change, if such charge was billed to the subscriber. The Telephone Company will then bill the IC responsible for the alleged unauthorized change a presubscription change charge to return the subscriber to its previous authorized carrier and, if initially billed to the subscriber, the presubscription change charge for the alleged unauthorized change.

\*\* Blocking access to 900 Service is offered to all subscribers at no charge at the time telephone service is established at a new number and for 60 days thereafter.

(N)

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(K) Billing Name and Address Service

|   |   | <u>Nonrecurring<br/>Charge</u> | <u>Tariff<br/>Section<br/>Reference</u> |
|---|---|--------------------------------|---|
| - | Per BNA Order   | \$50.94                        | 13.9.4(A)                               |
| - | Per BNA Record  | \$ 0.33                        | 13.9.4(A)                               |
| - | Optional Magnetic<br>Tape Charge - Per<br>Magnetic Tape | \$91.44                        | 13.9.4(B)                               |
| - | Optional Format<br>Programming Charge<br>- Per Hour     | \$37.20                        | 13.9.4(C)                               |

(L) Originating Line  
Screening (OLS) Service

|   |                           |         |       |
|---|---------------------------|---------|-------|
| - | Per Exchange service line | \$ 7.95 | 13.10 |
|---|---------------------------|---------|-------|

(M) Coin Supervision  
Additive Service

|   |                           | <u>Monthly<br/>Rate</u> |       |
|---|---------------------------|-------------------------|-------|
| - | Per exchange service line | \$ 2.21                 | 13.12 |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(N) Access Recovery Charge (ARC)

Regulations concerning the Access Recovery Charge are set forth in Section 13.16 preceding.

## (1) Residential ARC

|  |                  |     |
|--|------------------|-----|
| Per line or trunk assessed a<br>Residence End User Common Line | \$0.49 per month | (R) |
|--|------------------|-----|

## (2) Single Line Business ARC

|  |                  |
|--|------------------|
| Per line or trunk assessed a<br>Single Line Business<br>End User Common Line | \$3.00 per month |
|--|------------------|

## (3) Multiline Business ARC

|  |                  |
|--|------------------|
| Per line or trunk assessed a<br>Multiline Business<br>End User Common Line | \$3.00 per month |
|--|------------------|

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.5 Special Federal Government Access Services

|     |   |                             |                                 |                                |
|-----|---|-----------------------------|---------------------------------|--------------------------------|
| (A) | Voice Grade Secure                                  | Monthly                     | Nonrecurring                    | Termination                    |
|     | <u>Communications</u>                               | <u>Rate</u>                 | <u>Charges</u>                  | <u>Charges</u>                 |
|     | Type I, each<br>T-3 Conditioning,                   | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
|     | Type II, each<br>G-1 Conditioning,                  | ICB rates and charges apply |                                 |                                |
|     | Type III, each<br>G-2 Conditioning,                 | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
|     | Type IV, each<br>G-3 Conditioning,                  | ICB rates and charges apply |                                 |                                |
|     | Additional Conditioning,<br>per service termination | ICB rates and charges apply |                                 |                                |
| (B) | Wideband Digital Special Access Service             |                             |                                 |                                |
|     | Wideband Secure<br><u>Communications</u>            | <u>Monthly<br/>Rates</u>    | <u>Nonrecurring<br/>Charges</u> | <u>Termination<br/>Charges</u> |
|     | Type I, each  | ICB rates and charges apply |                                 |                                |
|     | Type II, each                                       | ICB rates and charges apply |                                 |                                |
|     | Type III, each                                      | ICB rates and charges apply |                                 |                                |

(N)

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)17.4.6 Special Facilities Routing of Access Services(A) Diversity

For each service provided in accordance with 11.1.1, the rates and charges will be developed on an individual case basis.

None

(B) Avoidance

For each service provided in accordance with 11.1.2, the rates and charges will be developed on an individual case basis.

None

(C) Diversity and Avoidance Combined

For each service provided in accordance with 11.1.1 and 11.1.2, combined, the rates and charges will be developed on an individual case basis.

None

(D) Cable-Only Facilities

For each service provided in accordance with 11.1.4, the rates and charges will be developed on an individual case basis.

None

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.7 Specialized Service or Arrangements

Specialized Service or Arrangements are provided  
on an individual case basis as set forth following:

None

(N)

(N)

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**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

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**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770



**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

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**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

Issued: March 1, 2019

Effective: March 16, 2019

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

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**ACCESS SERVICE**

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS)

Regulations concerning Ethernet Transport Service (ETS) are set forth in Section 16.4, preceding.

(A) ETS Channel Terminations

- (1) Per termination when customer designated premises located within 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$ 32.72            | (R) | \$215.89                   |
| 5 Mbps          | \$ 40.16            | (R) | \$215.89                   |
| 10 Mbps         | \$ 46.38            | (R) | \$215.89                   |
| 20 Mbps         | \$ 50.92            | (R) | \$215.89                   |
| 50 Mbps         | \$ 58.86            | (R) | \$215.89                   |
| 100 Mbps        | \$ 65.41            | (R) | \$215.89                   |
| 250 Mbps        | \$ 93.15            | (R) | \$215.89                   |
| 500 Mbps        | \$122.09            | (R) | \$323.47                   |
| 750 Mbps        | \$141.87            | (R) | \$323.47                   |
| 1 Gbps          | \$162.42            | (R) | \$323.47                   |
| 2.5 Gbps        | \$313.92            | (R) | \$323.47                   |
| 5 Gbps          | \$476.65            | (R) | \$323.47                   |
| 10 Gbps         | \$650.85            | (R) | \$323.47                   |

- (2) Per termination when customer designated premises located more than 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$ 123.68           | (R) | \$215.89                   |
| 5 Mbps          | \$ 125.05           | (R) | \$215.89                   |
| 10 Mbps         | \$ 126.82           | (R) | \$215.89                   |
| 20 Mbps         | \$ 143.48           | (R) | \$215.89                   |
| 50 Mbps         | \$ 162.19           | (R) | \$215.89                   |
| 100 Mbps        | \$ 169.71           | (R) | \$215.89                   |
| 250 Mbps        | \$ 177.23           | (R) | \$215.89                   |
| 500 Mbps        | \$ 234.47           | (R) | \$323.47                   |
| 750 Mbps        | \$ 269.71           | (R) | \$323.47                   |
| 1 Gbps          | \$ 312.63           | (R) | \$323.47                   |
| 2.5 Gbps        | \$ 603.20           | (R) | \$323.47                   |
| 5 Gbps          | \$ 916.12           | (R) | \$323.47                   |
| 10 Gbps         | \$1,242.60          | (R) | \$323.47                   |

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(B) Ports

## (1) Per ETS Basic Port

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 44.79                | (R) | \$189.54                       |
| 5 Mbps          | \$ 49.59                | (R) | \$189.54                       |
| 10 Mbps         | \$ 54.76                | (R) | \$189.54                       |
| 20 Mbps         | \$ 60.83                | (R) | \$189.54                       |
| 50 Mbps         | \$ 64.48                | (R) | \$189.54                       |
| 100 Mbps        | \$ 70.34                | (R) | \$189.54                       |
| 250 Mbps        | \$ 97.09                | (R) | \$189.54                       |
| 500 Mbps        | \$ 123.10               | (R) | \$283.95                       |
| 750 Mbps        | \$ 155.67               | (R) | \$283.95                       |
| 1 Gbps          | \$ 187.58               | (R) | \$283.95                       |
| 2.5 Gbps        | \$ 360.28               | (R) | \$283.95                       |
| 5 Gbps          | \$ 547.61               | (R) | \$283.95                       |
| 10 Gbps         | \$ 749.37               | (R) | \$283.95                       |

## (2) Per ETS Interconnection Port

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 44.736 Mbps     | \$ 730.04               | (R) | \$128.07                       |
| 155.52 Mbps     | \$ 876.06               | (R) | \$191.74                       |
| 622.08 Mbps     | \$1,460.10              | (R) | \$191.74                       |

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs)

## (1) Per Intraswitch ETS EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|--------------------------------|
| 2 Mbps          | \$0.00                  | \$150.03                       |
| 5 Mbps          | \$0.00                  | \$150.03                       |
| 10 Mbps         | \$0.00                  | \$150.03                       |
| 20 Mbps         | \$0.00                  | \$150.03                       |
| 50 Mbps         | \$0.00                  | \$150.03                       |
| 100 Mbps        | \$0.00                  | \$150.03                       |
| 250 Mbps        | \$0.00                  | \$150.03                       |
| 500 Mbps        | \$0.00                  | \$224.68                       |
| 750 Mbps        | \$0.00                  | \$224.68                       |
| 1 Gbps          | \$0.00                  | \$224.68                       |
| 2.5 Gbps        | \$0.00                  | \$224.68                       |
| 5 Gbps          | \$0.00                  | \$224.68                       |
| 10 Gbps         | \$0.00                  | \$224.68                       |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

| <u>Near<br/>Real Time</u> | <u>Real<br/>Time</u> |
|---------------------------|----------------------|
| \$0.27                    | \$0.55 (R)           |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

| <u>Near<br/>Real Time</u> | <u>Real<br/>Time</u> |
|---------------------------|----------------------|
| \$0.16                    | \$0.31               |

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs)

## (1) Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

| Near<br><u>Real Time</u> | Real<br><u>Time</u> |
|--------------------------|---------------------|
| \$0.09                   | \$0.17              |

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

| Near<br><u>Real Time</u> | Real<br><u>Time</u> | (R) |
|--------------------------|---------------------|-----|
| \$0.06                   | \$0.12              |     |

## (2) Per Interswitch ETS EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 19.19                | (R) | \$150.03                       |
| 5 Mbps          | \$ 25.95                | (R) | \$150.03                       |
| 10 Mbps         | \$ 48.66                | (R) | \$150.03                       |
| 20 Mbps         | \$ 97.34                | (R) | \$150.03                       |
| 50 Mbps         | \$ 131.31               | (R) | \$150.03                       |
| 100 Mbps        | \$ 209.46               | (R) | \$150.03                       |
| 250 Mbps        | \$ 431.55               | (R) | \$150.03                       |
| 500 Mbps        | \$ 719.05               | (R) | \$224.68                       |
| 750 Mbps        | \$ 955.56               | (R) | \$224.68                       |
| 1 Gbps          | \$1,250.52              | (R) | \$224.68                       |
| 2.5 Gbps        | \$2,408.68              | (R) | \$224.68                       |
| 5 Gbps          | \$3,660.36              | (R) | \$224.68                       |
| 10 Gbps         | \$5,006.75              | (R) | \$224.68                       |

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

## (2) Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

| Near<br><u>Real Time</u> | Real<br><u>Time</u> |
|--------------------------|---------------------|
| \$0.91 (R)               | \$1.84 (R)          |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

| Near<br><u>Real Time</u> | Real<br><u>Time</u> |
|--------------------------|---------------------|
| \$0.54 (R)               | \$1.10 (R)          |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

| Near<br><u>Real Time</u> | Real<br><u>Time</u> |
|--------------------------|---------------------|
| \$0.33 (R)               | \$0.66              |

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

| Near<br><u>Real Time</u> | Real<br><u>Time</u> |
|--------------------------|---------------------|
| \$0.21                   | \$0.41              |

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(D) ETS Extended Ethernet Virtual Connections (E-EVCs)

Per ETS E-EVC

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 12.80                | (R) | \$300.05                       |
| 5 Mbps          | \$ 16.22                | (R) | \$300.05                       |
| 10 Mbps         | \$ 29.20                | (R) | \$300.05                       |
| 20 Mbps         | \$ 58.41                | (R) | \$300.05                       |
| 50 Mbps         | \$ 87.54                | (R) | \$300.05                       |
| 100 Mbps        | \$ 140.69               | (R) | \$300.05                       |
| 250 Mbps        | \$ 292.84               | (R) | \$300.05                       |
| 500 Mbps        | \$ 453.32               | (R) | \$450.08                       |
| 750 Mbps        | \$ 616.49               | (R) | \$450.08                       |
| 1 Gbps          | \$ 781.57               | (R) | \$450.08                       |
| 2.5 Gbps        | \$1,506.96              | (R) | \$450.08                       |
| 5 Gbps          | \$2,289.27              | (R) | \$450.08                       |
| 10 Gbps         | \$3,129.23              | (R) | \$450.08                       |

(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)

- (1) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to fifty miles.

| <u>Capacity</u> | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|-----------------|-------------------------|-----|--------------------------------|
| 2 Mbps          | \$ 57.50                | (R) | \$300.05                       |
| 5 Mbps          | \$ 74.64                | (R) | \$300.05                       |
| 10 Mbps         | \$ 144.74               | (R) | \$300.05                       |
| 20 Mbps         | \$ 274.95               | (R) | \$300.05                       |
| 50 Mbps         | \$ 455.47               | (R) | \$300.05                       |
| 100 Mbps        | \$ 643.38               | (R) | \$300.05                       |
| 250 Mbps        | \$ 1,464.07             | (R) | \$300.05                       |
| 500 Mbps        | \$ 2,005.79             | (R) | \$450.08                       |
| 750 Mbps        | \$ 2,690.74             | (R) | \$450.08                       |
| 1 Gbps          | \$ 3,406.16             | (R) | \$450.08                       |
| 2.5 Gbps        | \$ 6,556.16             | (R) | \$450.08                       |
| 5 Gbps          | \$ 9,963.74             | (R) | \$450.08                       |
| 10 Gbps         | \$13,622.91             | (R) | \$450.08                       |

Transmittal No. 232

Issued: June 16, 2020

Effective: July 1, 2020

President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)  
(Cont'd)

(2) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is between fifty-one and seventy-five miles.

| <u>Capacity</u> | <u>Monthly Rate</u> |     | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|-----|----------------------------|
| 2 Mbps          | \$ 96.29            | (R) | \$300.05                   |
| 5 Mbps          | \$ 152.44           | (R) | \$300.05                   |
| 10 Mbps         | \$ 296.87           | (R) | \$300.05                   |
| 20 Mbps         | \$ 401.18           | (R) | \$300.05                   |
| 50 Mbps         | \$ 811.73           | (R) | \$300.05                   |
| 100 Mbps        | \$ 989.55           | (R) | \$300.05                   |
| 250 Mbps        | \$ 1,716.25         | (R) | \$300.05                   |
| 500 Mbps        | \$ 2,350.17         | (R) | \$450.08                   |
| 750 Mbps        | \$ 3,161.89         | (R) | \$450.08                   |
| 1 Gbps          | \$ 4,020.01         | (R) | \$450.08                   |
| 2.5 Gbps        | \$ 7,740.12         | (R) | \$450.08                   |
| 5 Gbps          | \$11,758.16         | (R) | \$450.08                   |
| 10 Gbps         | \$16,079.61         | (R) | \$450.08                   |

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions

## (1) DSL Access Service Connection

## (a) Per ETS Basic Port equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |     |
|-----------------|----------------------------|-----|
| 2 Mbps          | \$109.78                   | (R) |
| 5 Mbps          | \$109.78                   | (R) |
| 10 Mbps         | \$109.78                   | (R) |
| 20 Mbps         | \$109.78                   | (R) |
| 50 Mbps         | \$109.78                   | (R) |
| 100 Mbps        | \$109.78                   | (R) |
| 250 Mbps        | \$109.78                   | (R) |
| 500 Mbps        | \$164.87                   | (R) |
| 750 Mbps        | \$164.87                   | (R) |
| 1 Gbps          | \$164.87                   | (R) |
| 2.5 Gbps        | \$164.87                   | (R) |
| 5 Gbps          | \$164.87                   | (R) |
| 10 Gbps         | \$164.87                   | (R) |

## (b) Per ETS Interconnection Port equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |     |
|-----------------|----------------------------|-----|
| 44.736 Mbps     | \$ 109.78                  | (R) |
| 155.52 Mbps     | \$ 164.87                  | (R) |
| 622.08 Mbps     | \$ 164.87                  | (R) |

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions (Cont'd)

## (1) DSL Access Service Connection (Cont'd)

## (c) Per ETS MM-VCC

|                          | <u>Monthly Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|--------------------------|---------------------|--------------------------------|
|                          |                     | \$5.13                         |
| Per 10 Mbps<br>increment | \$2.31 (R)          |                                |

## (d) Per ETS Design Change

| <u>Nonrecurring<br/>Charge</u> |
|--------------------------------|
| \$5.78                         |

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(G) ETS Port Protection

(a) Per feature when customer designated premises located within 300 feet of ETS SWC at speeds of:

|                     | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|---------------------|-------------------------|-----|--------------------------------|
| 2 Mbps to 1 Gbps    | \$ 85.90                | (R) | \$409.83                       |
| 2.5 Gbps to 10 Gbps | \$215.43                | (R) | \$409.83                       |

(b) Per feature when customer designated premises located more than 300 feet of ETS SWC at speeds of:

|                     | <u>Monthly<br/>Rate</u> |     | <u>Nonrecurring<br/>Charge</u> |
|---------------------|-------------------------|-----|--------------------------------|
| 2 Mbps to 1 Gbps    | \$197.81                | (R) | \$409.83                       |
| 2.5 Gbps to 10 Gbps | \$480.98                | (R) | \$409.83                       |

(H) ETS Term Discount Plan

| <u>Term<br/>Commitment</u> | <u>Percentage</u> |
|----------------------------|-------------------|
| 36 Months                  | 10%               |
| 60 Months                  | 20%               |

(I) ETS Volume Discount Plan

| <u>Number of<br/>Committed ETS<br/>Ports In-Service<br/>On Bill Date</u> | <u>Percentage</u> |
|--|-------------------|
| 0 to 4   | 0%                |
| 5 and above  | 10%               |

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**ACCESS SERVICE**17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.4 Internet Protocol Gateway Access Service

Regulations concerning Internet Protocol Gateway Access Service are set forth in Section 16.9 of the JSI Tariff F.C.C. No. 1.

|     |  | Monthly<br>Rate     | Nonrecurring<br>Charge |
|-----|--|---------------------|------------------------|
| (A) | IPG Transport Termination<br>Per Termination         |                     |                        |
|     | - DS1 1.544 Mbps                                     | \$ 149.44 (R)       | \$241.51               |
|     | - DS3 44.736 Mbps                                    | \$1,232.06 (R)      | \$325.67               |
| (B) | IPG Transport Mileage                                |                     |                        |
|     |  | <u>Monthly Rate</u> |                        |
| (1) | IPG Transport Mileage Facility<br>Per Mile           |                     |                        |
|     | - 1.544 Mbps   | \$ 9.25             | (R)                    |
|     | - 44.736 Mbps  | \$80.53             | (R)                    |
| (2) | IPG Transport Mileage Termination<br>Per Termination |                     |                        |
|     | - 1.544 Mbps   | \$ 47.97            | (R)                    |
|     | - 44.736 Mbps  | \$308.02            | (R)                    |
| (C) | IPG Port<br>Per Port                                 |                     |                        |
|     | - 1.544 Mbps   | \$ 47.97            | (R)                    |
|     | - 44.736 Mbps  | \$593.49            | (R)                    |

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