# **TARIFF DISTRIBUTION**

FILE PACKAGE NO.: NC-20-0005

DATE: February 28, 2020

STATE: NORTH CAROLINA

EFFECTIVE DATE: 03/01/2020

TYPE OF DISTRIBUTION: Approved

PURPOSE: Increase Private Line Channels (APL) and SynchroNet (DS0)

monthly charges.

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## **B3. CHANNELS AND EQUIPMENT**

## **B3.4 Rates and Charges**

## **B3.4.1 Local Channels**

A. Voice Grade

Per point of termination

|    |       |     |                        | Nonrecurring |          |            |       |     |
|----|-------|-----|------------------------|--------------|----------|------------|-------|-----|
|    |       |     |                        | Monthly      | (        | Charge     |       |     |
|    |       |     |                        | Rate         | First    | Additional | USOC  |     |
| 1. | Voice |     |                        |              |          |            |       |     |
|    |       | (a) | Type 2230              | \$233.00     | \$145.60 | \$145.60   | P2JUX | (I) |
|    |       | (b) | Type 2231              | 291.00       | 162.25   | 162.25     | P2JHX | (I) |
|    |       | (c) | Type 2432              | 422.00       | 203.65   | 203.65     | P2JQX | (I) |
|    |       | (d) | Type 2434              | 56.00        | 166.50   | 166.50     | P2JGX | (I) |
|    |       | (e) | Type 2435              | 460.00       | 365.00   | 365.00     | P2JWX | (I) |
|    |       | (f) | Type 2261 <sup>1</sup> | 237.00       | 150.00   | 150.00     | P2JLX | (I) |
|    |       | (g) | Type 2462 <sup>1</sup> | 557.00       | 191.45   | 191.45     | P2JRX | (I) |
| 2. | Data  | ,   |                        |              |          |            |       |     |
|    |       | (a) | Type 2260              | 282.00       | 148.88   | 148.88     | P2JKX | (I) |
|    |       | (b) | Type 2463              | 507.00       | 203.66   | 203.66     | P2JMX | (I) |
|    |       | (c) | Type 2464              | 507.00       | 203.66   | 203.66     | P2JNX | (I) |

# **B3.4.2 Non-Wire Center Connected Channels**

- A. Served Direct
  - 1. Not routed via the central office, limited to one airline mile or less

|     |             |          | Nonrecurring |            |       |     |
|-----|-------------|----------|--------------|------------|-------|-----|
|     |             | Monthly  | thly Charge  |            |       |     |
|     |             | Rate     | First        | Additional | USOC  |     |
| (a) | Series 2000 | \$106.00 | \$156.00     | \$156.00   | SDD2X | (I) |

#### **B3.4.3** Continuous Property Channels

- A. Rates Monthly Service
  - 1. For use with terminal equipment (Cont'd)
    - a. Other Channels (Cont'd)
      - (1) To connect a station location in a building to another station location, per channel<sup>2</sup>

|     |                  | Nonrecurring | Monthly |       |
|-----|------------------|--------------|---------|-------|
|     |                  | Charge       | Rate    | USOC  |
| (a) | Type 2230 (2101) | \$179.80     | \$ .75  | 2SE++ |
| (b) | Type 2463 (2120) | 285.00       | 8.85    | 2SE++ |
| (c) | Type 2260 (2121) | 158.75       | 2.70    | 2SE++ |
| (d) | Type 2464 (2122) | 243.00       | 11.10   | 2SE++ |
| (e) | Type 2261 (2140) | 163.00       | 1.95    | 1L6BB |
| (f) | Type 2462 (2141) | 243.00       | 8.85    | 1L6DB |

Note 1: Effective April 1, 2013, Dataphone Select-A-Station Service was withdrawn.

**Note 2:** Reference B3.1.3.A.5 concerning these channels services.

## B3. CHANNELS AND EQUIPMENT<sup>1</sup>

# **B3.4 Rates and Charges (Cont'd)**

## **B3.4.3** Continuous Property Channels (Cont'd)

- A. Rates Monthly Service (Cont'd)
  - 2. Service Connection Charges (Cont'd)
    - f. Charges for Types 2230 2261 (Cont'd)

|    |     |                                                                     | Nonrecurring Charge |               |              |             |      |
|----|-----|---------------------------------------------------------------------|---------------------|---------------|--------------|-------------|------|
|    |     |                                                                     |                     |               | Series 2100  |             |      |
|    |     |                                                                     | (2001/2101)         |               | (2021/2121)  | (2040/2140) |      |
|    |     |                                                                     | 2230                | 2231          | 2260         | 2261        | USOC |
|    | (2) | Premises Visit                                                      |                     |               |              |             |      |
|    |     | (a) For a channel within the same building for Inside Moves         | NA                  | \$32.25       | \$36.00      | \$26.50     | NA   |
|    |     | (b) For a channel between buildings on the same continuous property | \$36.50             | 49.50         | 49.50        | 36.50       | NA   |
|    | (3) | Connection Charge <sup>1</sup>                                      |                     |               |              |             |      |
|    |     | (a) Inside Moves                                                    | 75.50               | 122.00        | 122.00       | 75.50       | NA   |
| g. | Cha | arges for Types 2432 - 2464                                         |                     |               |              |             |      |
|    |     |                                                                     |                     | Nonr          | ecurring Cha | rge         |      |
|    |     |                                                                     |                     |               | Series 2100  |             |      |
|    |     |                                                                     | (2014)              |               | (2120 /2020) | (2122/2022) |      |
|    |     |                                                                     | 2432                | 2462          |              |             | USOC |
|    | (1) | Service Ordering Charge                                             |                     |               |              |             | 0000 |
|    | ` ' | (a) (DELETED)                                                       |                     |               |              |             |      |
|    |     | (b) Additional Stations within a building                           | \$123.00            | \$123.00      | \$123.00     | \$123.00    | NA   |
|    |     | (c) Channels wholly within the same building <sup>1</sup>           | 123.00              | Ψ123.00<br>NA | 123.00       |             | NA   |
|    |     | (d) Channels between buildings on the same                          |                     | 123.00        | 123.00       | 123.00      | NA   |
|    |     | continuous property                                                 | 123.00              | 123.00        | 123.00       | 123.00      | 11/1 |
|    |     | (e) Inside Moves                                                    | 93,25               | 93.25         | 93.25        | 93.25       | NA   |
|    | (2) | (-)                                                                 | <b>70.20</b>        | JU.20         | 75.20        | 70.20       | 1112 |
|    | (2) |                                                                     | . NA                | 32.25         | 36.00        | 26,50       | NA   |
|    |     | (a) For a channel within the same building for                      | , NA                | 32.23         | 30.00        | 20.50       | INA  |
|    |     | Inside Moves                                                        | 36.50               | 49.50         | 49.50        | 36,50       | NA   |
|    |     | (b) For a channel between buildings on the same                     | 30.30               | 49.50         | 49.50        | 30.30       | INA  |
|    | (3) | continuous property                                                 |                     |               |              |             |      |
|    | (3) | č                                                                   |                     |               |              |             |      |
| _  |     | (a) Inside Moves                                                    | 75.50               | 122.00        | 122.00       | 75.50       | NA   |

## **B3.4.4** Interoffice Channels<sup>2</sup>

- A. Fixed and Mileage Charges applicable
  - 1. Voice Grade

|     | G : 2000    | Fixed<br>Monthly<br>Charge |         | Nonrecuring<br>Charge<br>Per Channel | USOC  |     |
|-----|-------------|----------------------------|---------|--------------------------------------|-------|-----|
| (a) | Series 2000 | \$340.00                   | \$81.00 | \$48.83                              | 3LBBS | (I) |

**Note 1:** Connection charges for channels other than for Inside Moves are as specified in B3.4.3.1 and 2 and B3.4.4.

**Note 2:** For method of determining mileage, see B3.1.3.A.5 concerning these channels.

## B3. CHANNELS AND EQUIPMENT<sup>1</sup>

# **B3.4 Rates and Charges (Cont'd)**

## **B3.4.5 Optional Features and Functions**

#### A. Bridging

Bridging charges are applicable where more than two Local Channels, or one or more Local Channels and more than one Interoffice Channel, or more than one Local Channel and one Interoffice Channel are bridged or hubbed at the same wire center. No additional bridging charges are applicable for Series 1000, Types 1204 and 1205.

1. Voice Grade Bridges (Series 2000)

|    |            |                                                        |            | onthly<br>Rate | Nonrecurring<br>Charge | USOC |     |
|----|------------|--------------------------------------------------------|------------|----------------|------------------------|------|-----|
| a. | Voice Brid | ging                                                   |            |                | J                      |      |     |
|    | (1) Per P  | ort                                                    |            |                |                        |      |     |
|    | (a)        | Two-Wire (Type 2230)                                   | \$ 5       | 56.00          | \$54.79                | BQ9  | (I) |
|    | (b)        | Four-Wire (Type 2435)                                  | 5          | 56.00          | 62.00                  | BQ9  | (I) |
| b. | Data Bridg | ing                                                    |            |                |                        |      |     |
|    | (1) Per P  | ort                                                    |            |                |                        |      |     |
|    | (a)        | Four-Wire (Types 2463 and 2464)                        | 5          | 56.00          | 63.00                  | BQ9  | (I) |
| c. | Telemetry  | and Alarm Bridging-Split Band, Active Bridging         |            |                |                        |      |     |
|    | (1) Com    | mon Equipment, per central office                      |            |                |                        |      |     |
|    | (a)        | First bridging shelf, capacity of 48 two-wire          | 1,06       | 53.00          | 430.00                 | XW1  | (I) |
|    |            | connections                                            |            |                |                        |      |     |
|    | (b)        | Additional bridging shelf, capacity of 56 two-wire     | 1,04       | 10.00          | 390.00                 | XW2  | (I) |
|    |            | connections installed subsequent to the first bridging |            |                |                        |      |     |
|    |            | shelf                                                  |            |                |                        |      |     |
|    | (c)        | Additional bridging shelf, capacity of 56 two-wire     | <b>5</b> 3 | 38.00          | 240.00                 | XW8  | (I) |
|    |            | connections installed at the same time as the first    |            |                |                        |      |     |
|    |            | bridging shelf                                         |            |                |                        |      |     |
|    | (2) Chan   | nel connections, per channel connected                 |            |                |                        |      |     |
|    | (a)        | Remote station channel connection                      | -          | 43.00          | 22.30                  | XW3  | (I) |
|    | (b)        | Mid-link channel connection, first channel             |            | 06.00          | 65.00                  | XW4  | (I) |
|    | (c)        | Mid-link channel connection, subsequent channels       | 10         | 06.00          | 47.64                  | XW5  | (I) |

(I) (I) (I) (I)

#### **B.** Signaling Arrangements

Signaling arrangements are provided at the customer's option to arrange channels for suitable signaling. Signaling is required on all off-premises extension channels and tie line channels associated with PBX (or similar) systems.

|    |                                                         | Nonrecurring Charge |         |           |         |
|----|---------------------------------------------------------|---------------------|---------|-----------|---------|
|    |                                                         | Monthly Rate        | Initial | Subsequer | nt USOC |
| 1. | Per local channel                                       |                     |         |           |         |
|    | (a) Ringdown-Manual                                     | \$ 5.00             | \$10.50 | \$12.51   | SL3     |
|    | (b) Ringdown-Automatic                                  | 5.00                | 28.25   | 33.65     | SL5     |
|    | (c) E & M Type                                          | 43.00               | 35.50   | 42.28     | SLM     |
|    | (d) Type A (0-199 ohms)                                 | 56.00               | 28.00   | 33.65     | SAL     |
|    | (e) Type B (200-899 ohms)                               | 43.00               | 18.00   | 21.44     | SAU     |
|    | (f) Type C (900 or more ohms)                           | 5.00                | 3.00    | 3.57      | SAY     |
| 2. | Per Channel not routed via the Central Office or betwee | en                  |         |           |         |
|    | buildings on the same continuous property               |                     |         |           |         |
|    | (a) Type A Arrangement (0-199 ohms)                     | 14.10               | 41.10   | 49.10     | SALSD   |
|    | (b) Type B Arrangement (200-899 ohms)                   | 4.55                | 30.00   | 35.70     | SAUSD   |
|    | (c) Type C Arrangement (900 or more                     | -                   | -       | -         | SAYSD   |
|    | ohms)                                                   |                     |         |           |         |
| 3. | Per Channel not routed via the Central Office or betwee | en                  |         |           |         |
|    | buildings on the same continuous property or channe     | ls                  |         |           |         |
|    | within the same building                                |                     |         |           |         |
|    | (a) E & M Type                                          | 5.75                | 33.00   | 39.25     | SLMEN   |

## **B3. CHANNELS AND EQUIPMENT**

## **B3.4 Rates and Charges (Cont'd)**

## **B3.4.4** Optional Features and Functions (Cont'd)

- C. Conditioning (Voice Grade Services)
  - 1. Conditioning provides more specific transmission characteristics for data services. There are two types of C-conditioning and one type of D-conditioning, each with different technical specifications. C-Type conditioning controls attenuation distortion and envelope delay distortion. D-Type conditioning controls the signal to C-notched noise ratio and intermodulation distortion.

Conditioning is charged for on a per Local Channel basis for two-point and multi-point service. For two-point services the parameters apply to each service. For multi-point services the parameters apply to any path between any two service points.

2. The types and description of the available conditioning options are as follows:

| Type Conditioning            | Frequency Response Specification | on Envelope Delay Distortion<br>Specification |  |
|------------------------------|----------------------------------|-----------------------------------------------|--|
| C1 (two-point or multipoint) | 300-2700 Hz,                     | 1000-2400 Hz, less                            |  |
|                              | -2dB to $+6dB$ .                 | than 1000 microseconds                        |  |
|                              | 1000-2400 Hz,                    |                                               |  |
|                              | -1dB to $+3$ dB.                 |                                               |  |
|                              | 300-3000 Hz,                     |                                               |  |
|                              | -3dB to $+12dB$ .                |                                               |  |
| C2 (two-point or multipoint) | 300-3000 Hz,                     | 1000-2600 Hz, less                            |  |
|                              | -2dB to $+6dB$ .                 | than 500 microseconds                         |  |
|                              | 500-2800 Hz,                     | 600-2600 Hz, less                             |  |
|                              | -1dB to $+3$ dB.                 | than 1500 microseconds                        |  |
|                              |                                  | 500-2800 Hz, less                             |  |
|                              |                                  | than 3000 microseconds                        |  |
|                              |                                  | Non-Linear Distortion                         |  |
|                              | C-Notched Noise                  | 2nd Order 3rd Order                           |  |
|                              |                                  | <b>Distortion Distortion</b>                  |  |
| D1 (two-point)               | Noise level 28dB                 | 35dB below 40dB below                         |  |
|                              | below signal level               | signal level signal level                     |  |

#### (Obsoleted, See B103.8.1)

3. When a channel is equipped with Type D1 conditioning and is utilized for voice communications, the Company does not undertake to represent that the channel will be suitable for such voice transmission.

|    | Nonrecurring Charge                                          |              |         |            |      |     |  |  |
|----|--------------------------------------------------------------|--------------|---------|------------|------|-----|--|--|
|    |                                                              | Monthly Rate | Initial | Subsequent | USOC |     |  |  |
| 4. | C-Type Conditioning                                          |              |         |            |      |     |  |  |
|    | a. C-Type Conditioning is available for Types 2463 and 2464. |              |         |            |      |     |  |  |
|    | (1) C-Types of Conditioning per local channel                |              |         |            |      |     |  |  |
|    | (a) C1-Type                                                  | \$18.00      | \$8.50  | \$10.12    | P2W  | (I) |  |  |
|    | (b) C2-Type                                                  | -            | 30.00   | 35.73      | P3W  |     |  |  |
| 5. | D-Type Conditioning                                          |              |         |            |      |     |  |  |
|    | a. D-Type Conditioning                                       |              |         |            |      |     |  |  |
|    | (1) Available for Types 2463 and 2464                        |              |         |            |      |     |  |  |
|    | (a) D1-Type                                                  | 43.00        | 30.00   | 35.73      | QHA  | (I) |  |  |
|    | (b) (Obsoleted, See B103.8.1)                                |              |         |            |      |     |  |  |

#### **B7. DIGITAL NETWORK SERVICE**

## B7.2 SynchroNet Service<sup>1</sup> (Cont'd)

#### **B7.2.3 Rates and Charges**

**A.** Service wholly within the same LATA.

|    | ·                                                 | Nonrecurri | ng Charge | Month to | 24 to 42 <sup>3,4</sup> | 43 to72 <sup>3,4</sup> | ļ     |     |
|----|---------------------------------------------------|------------|-----------|----------|-------------------------|------------------------|-------|-----|
|    |                                                   | First      | Add'l     | Month    | Months                  | Months                 | USOC  |     |
| 1. | A Digital Local Channel is furnished between a    |            |           |          |                         |                        |       |     |
|    | Serving Wire Center and the customer's premises.  |            |           |          |                         |                        |       |     |
|    | The Digital Local Channel charges apply per local |            |           |          |                         |                        |       |     |
|    | channel.                                          |            |           |          |                         |                        |       |     |
|    | (a) 2.4 Kbps                                      | \$365.00   | \$156.00  | \$566.00 | \$45.00                 | \$40.00                | 1RSD2 | (I) |
|    | (b) 4.8 Kbps                                      | 365.00     | 156.00    | 566.00   | 45.00                   | 40.00                  | 1RSD4 | (I) |
|    | (c) 9.6 Kbps                                      | 365.00     | 156.00    | 566.00   | 45.00                   | 40.00                  | 1RSD9 | (I) |
|    | (d) 19.2 Kbps                                     | 365.00     | 156.00    | 566.00   | 45.00                   | 40.00                  | 1RSD3 | (I) |
|    | (e) 56.0 Kbps                                     | 365.00     | 156.00    | 752.00   | 60.00                   | 55.00                  | 1RSD5 | (I) |
|    | (f) 64.0 Kbps                                     | 365.00     | 156.00    | 752.00   | 60.00                   | 55.00                  | 1RSD6 | (I) |
| 2. | A Node Channel Termination is required at the     |            |           |          |                         |                        |       |     |
|    | Company's Node Central Office. Node Channel       |            |           |          |                         |                        |       |     |
|    | Termination per local channel or equivalent, each |            |           |          |                         |                        |       |     |
|    | (a) 2.4 Kbps                                      | 48.00      | 37.00     | 103.00   | 9.00                    | 8.00                   | 2UN24 | (I) |
|    | (b) 4.8 Kbps                                      | 48.00      | 37.00     | 103.00   | 9.00                    | 8.00                   | 2UN48 | (I) |
|    | (c) 9.6 Kbps                                      | 48.00      | 37.00     | 103.00   | 9.00                    | 8.00                   | 2UN96 | (I) |
|    | (d) 19.2 Kbps                                     | 48.00      | 37.00     | 103.00   | 9.00                    | 8.00                   | 2UN19 | (I) |
|    | (e) 56.0 Kbps                                     | 48.00      | 37.00     | 233.00   | 23.00                   | 16.00                  | 2UN56 | (I) |
|    | (f) 64.0 Kbps                                     | 48.00      | 37.00     | 233.00   | 23.00                   | 16.00                  | 2UN64 | (I) |

- 3. A Digital Interoffice Channel is furnished between a serving wire center and the Node Central Office. A flat rate and a rate per mile apply for each Digital Interoffice Channel provided.<sup>2</sup>
  - a. Interoffice channel
    - (1) Fixed rates applicable

|     |      |                             | Nonrecurring      |                   | 24 to 42 <sup>3,4</sup> |                   |               |     |
|-----|------|-----------------------------|-------------------|-------------------|-------------------------|-------------------|---------------|-----|
|     | (a)  | 2.4, 4.8, 9.6 and 19.2 Kbps | Charge<br>\$99.00 | Month<br>\$233.00 | Months<br>\$23.00       | Months<br>\$16.00 | USOC<br>3LBSF | (I) |
|     | (b)  | 56.0 and 64.0 Kbps          | 99.00             | 351.00            | 28.00                   | 25.00             | 3LBSF         | (I) |
| (2) | Each | mile or fraction thereof    |                   |                   |                         |                   |               |     |
|     | (a)  | 2.4, 4.8, 9.6 and 19.2 Kbps | -                 | 15.00             | 1.25                    | 1.00              | 3LBSM         | (I) |
|     | (b)  | 56.0 and 64.0 Kbps          | -                 | 31.00             | 2.50                    | 2.00              | 3LBSM         | (I) |

- **Note 1:** Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.
- Note 2: Refer to the National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4 for mileage measurement methodology and wire center Vertical (V) and Horizontal (H) coordinates.
- **Note 3:** As of October 1, 2013, payment periods greater than 36 months are no longer available for new or renewing subscribers.
- **Note 4:** Effective December 31, 2013, customers may not establish new term plans of any length for SynchroNet Service, and existing term plans may not be renewed. For new service, or for existing service after any term plan expires, service will be provided only on a month-to-month basis.