

B2. REGULATIONS

B2.1 Undertaking of the Company (Cont'd)

B2.1.8 Telecommunications Service Priority (TSP) System (Cont'd)

D. Definitions (Cont'd)

Priority Installation (PI)

Provisioning, on a priority basis, of a new TSP service authorized as so urgent that it must be provided earlier than the Company's standard provisioning interval.

Priority Restoration (PR)

Restoration, on a priority basis, of an existing TSP service for which any interruption would have serious adverse impact on the supported NSEP function.

Subcontractor

The service vendor from whom the prime vendor obtains service for the completion of the prime vendor's end-to-end service.

Telecommunications Service Priority (TSP) System

TSP is a structured coding scheme that establishes the order in which NSEP services are to be installed or restored in the event of an emergency. The TSP System was developed to ensure priority treatment of the nation's most important telecommunications services.

TSP Authorization Code

A twelve character code that identifies an NSEP TSP service and denotes the order in which that service is to be provisioned (installed) and/or restored.

E. TSP Rate Categories

1. There are two basic rate categories which apply to TSP System service:
 - a. Priority Installation
 - b. Priority Restoration
 - Level Implementation
 - Level Change
 - Maintenance/Administration
2. Certain activities associated with the TSP System are included in the rate elements as follows:
 - a. Priority Installation includes order coordination.
 - b. Priority Restoration includes system development, verification and confirmation.

F. Rates and Charges

1. The following rates and charges are in addition to all other rates and charges that may be applicable for other services furnished in conjunction with TSP service:
 - a. Priority Installation (PI)¹
 - (1) Per circuit

| | Nonrecurring Charge | Monthly Rate | USOC |
|-------------------|--------------------------------|-------------------------|-------------|
| (a) Prime vendor | \$83.00 | \$- | |
| (b) Subcontractor | 83.00 | - | |

Note 1: Regulations, rates and charges for Expedited (Emergency or Essential) service are the same as those set forth in B2.4.13.B. following for the private line services for which PI is required.

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B2. REGULATIONS

B2.1 Undertaking of the Company (Cont'd)

B2.1.8 Telecommunications Service Priority (TSP) System (Cont'd)

F. Rates and Charges (Cont'd)

1. (Cont'd)

b. Priority Restoration (PR), per circuit

(1) Level Implementation

| | Nonrecurring Charge | Monthly Rate | USOC |
|--------------------------------|------------------------|-----------------|------|
| (a) Prime vendor | \$65.00 | \$- | |
| (b) Subcontractor | 65.00 | - | |
| (2) Level Change | | | |
| (a) Prime vendor | 65.00 | - | |
| (b) Subcontractor | 65.00 | - | |
| (3) Maintenance/Administration | | | |
| (a) Prime vendor | - | 3.75 | |
| (b) Subcontractor | - | 3.75 | |

B2.1.9 Application Testing

The Company makes no warranties with respect to the performance of certain services for any and all possible customer applications which may utilize these services. Upon requesting and receiving Public Service Commission approval that a specific service(s) may be utilized in application testing with customers, the Company will provide a limited amount of such service(s) subject to the conditions specified in A. and B. following. Such service is to be utilized without charge in an initial application test with a customer for no longer than 60 days from the date of installation. The purpose of an application test is to determine the appropriateness of that specific service(s) for that specific application prior to the customer placing a firm order for such service(s).

- A. The specific quantity of each service that may be utilized in an application test without charge is listed in the specific tariff for that service. Services to be provided in an application test are subject to the availability of facilities and equipment as determined by the Company.
- B. Services that are utilized in an application test with a customer may be provided without charge for an application test period of up to sixty days. Such service is provided at the discretion of the Company for the specific purpose of conducting an application test with a customer and is not intended to be utilized as a substitute for temporary service.
- Upon completion of the application test where the customer determines that the performance of the services utilized are unacceptable for the application, the application test service will be removed without charge to the customer.
 - Upon completion of the application test where the customer determines that the performance of the services utilized are acceptable for the application and no changes to the test service configuration are required, the customer will be billed the appropriate nonrecurring charges for the test service and monthly billing will begin at that time.¹
 - Upon completion of the application test where the customer determines that the performance of the services utilized are acceptable for the application, however, the test service configuration must be changed, the customer shall be responsible for both the appropriate nonrecurring charges for the application test service plus all appropriate charges for the rearrangement of the service. Monthly billing shall begin for the rearranged service.¹

Note 1: Any additional service requested to be installed upon completion of the application test shall be subject to standard tariff nonrecurring charges and rates as set forth in each service tariff.

B2. REGULATIONS

B2.2 Use (Cont'd)

B2.2.6 Connections Involving Private Line Services

- A. Connections involving private line service may be made as authorized in B2.1.4 preceding and B2.6 following.
- B. Connections may also be made whereby a private line customer with Fiber service or FiberRing service, in order to meet their communication needs, may connect to intraLATA services billed to another customer. These connections may be made via a Private Line Connection Arrangement whereby the Fiber service or FiberRing service customer is considered a Host Customer and the customer connecting to the Host Customer's service is considered a Connecting Customer. Such connections may be made when the Connecting Customer's intraLATA service that is being connected to the Host Customer's Fiber service or FiberRing service is for the use of the Host Customer in the conduct of his business. The Host Customer shall certify in writing, the name of the Connecting Customer and that such services that are being connected to his Fiber service or FiberRing service arrangement are for his use in the conduct of his business. Also, the Host Customer shall provide the Connecting Facility Assignment (CFA) associated with his Fiber service or FiberRing service that will be used to connect to the Connecting Customer's service.

Where the Host Customer subscribes to Fiber service or FiberRing service under Channel Services Payment Plan (CSPP) terms, the payment period for the connecting customer's directly associated rate elements must have a termination date that is equal to or less than that of the Host Customer's service. Where the Host Customer receives services under month-to-month payment terms, a Connecting Customer must also receive service under month-to-month payment terms. Disconnection of a Connecting Customer's service under CSPP terms creates no associated termination or payment obligations for the Host Customer. However, if the Host Customer plans to disconnect his Fiber service or FiberRing service under CSPP, he must notify the Connecting Customer of the planned/pending disconnect and the Connecting Customer is responsible for any remaining payment obligations for his part of the Private Line Connection Arrangement.

A one-time coordination charge will be assessed with the establishment of a Private Line Connection Arrangement. A Private Line Connection Arrangement Coordination Charge is required for each Host Customer/Connecting Customer arrangement. The Host Customer is responsible for payment of the Private Line Connection Arrangement Coordination Charge. In addition to the coordination charge, a separate nonrecurring charge will apply to process each service order on a Private Line Connection Arrangement account. The charge to process each order is called a Private Line Connecting Arrangement Order Charge and is paid by the Connecting Customer. Charges for coordination and service order processing are as follows:

| | Nonrecurring Charge |
|---|----------------------------|
| Private Line Connecting Arrangement Coordination Charge - per arrangement | \$75.00 |
| Private Line Connecting Arrangement Order Charge - per service order | \$60.00 |

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B3. CHANNELS

B3.4 Rates and Charges

B3.4.1 Local Channels

| | | Monthly Rate | Nonrecurring Charge | |
|----|-----------------------------|-----------------|---------------------|------------|
| | | | First | Additional |
| A. | Voice Grade | | | |
| | Per point of termination | | | |
| | 1. Voice | | | |
| | (a) Type 2230 | \$ 34.56 | \$496.80 | \$165.60 |
| | (b) Type 2231 | 51.84 | 496.80 | 165.60 |
| | (c) Type 2432 | 95.04 | 561.60 | 208.80 |
| | (d) Type 2434 | 29.90 | 237.60 | 119.52 |
| | (e) Type 2435 | 95.04 | 532.80 | 187.20 |
| | (f) Type 2261 | 90.20 | 835.20 | 352.80 |
| | (g) Type 2462 | 93.90 | 813.60 | 338.40 |
| | 2. Data | | | |
| | (a) Type 2260 | 51.84 | 597.60 | 230.40 |
| | (b) Type 2463 | 103.68 | 597.60 | 230.40 |
| | (c) Type 2464 | 180.60 | 590.40 | 223.20 |
| B. | Wired Music | | | |
| | 1. Per point of termination | | | |
| | (a) Type 6210 | 73.00 | 806.40 | 331.20 |
| | (b) Type 6211 | 73.00 | 806.40 | 331.20 |
| | (c) Type 6212 | 93.90 | 928.80 | 432.00 |
| | (d) Type 6213 | 104.50 | 950.40 | 453.60 |
| | (e) Type 6214 | 73.00 | 806.40 | 331.20 |
| | (f) Type 6215 | 73.00 | 806.40 | 331.20 |
| | (g) Type 6216 | 93.90 | 928.80 | 432.00 |
| | (h) Type 6217 | 104.50 | 950.40 | 453.60 |

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B3. CHANNELS**B3.4 Rates and Charges (Cont'd)****B3.4.2 Interoffice Channels¹**

| | Fixed Monthly Rate | Monthly Rate Per Mile | Nonrecurring Charge |
|---|-----------------------------------|--------------------------------------|--------------------------------|
| A. Fixed and Mileage Charges applicable, per channel | | | |
| 1. Sub Voice Grade - Series 1000 (Obsoleted, See Section B103.) | | | |
| 2. Voice Grade Service - Series 2000 | | | |
| (a) 1 thru 8 Miles | <i>\$ 180.60</i> | <i>\$7.40</i> | <i>\$ 151.20</i> |
| (b) 9 thru 25 Miles | <i>180.60</i> | <i>7.40</i> | <i>151.20</i> |
| (c) Over 25 Miles | <i>180.60</i> | <i>7.40</i> | <i>151.20</i> |
| 3. Wired Music - Series 6000 3.0 kHz Types 6210, 6211, 6214 and 6215 | | | |
| (a) 1 thru 8 Miles | <i>104.50</i> | <i>4.10</i> | <i>119.52</i> |
| (b) 9 thru 25 Miles | <i>104.50</i> | <i>4.00</i> | <i>119.52</i> |
| (c) Over 25 Miles | <i>104.50</i> | <i>3.90</i> | <i>119.52</i> |
| 4. Wired Music - Series 6000 5 kHz Types 6212 and 6216 | | | |
| (a) 1 thru 8 Miles | <i>104.50</i> | <i>8.40</i> | <i>108.00</i> |
| (b) 9 thru 25 Miles | <i>104.50</i> | <i>8.20</i> | <i>108.00</i> |
| (c) Over 25 Miles | <i>104.50</i> | <i>8.00</i> | <i>108.00</i> |
| 5. Wired Music - Series 6000 8 kHz Types 6213 and 6217 | | | |
| (a) 1 thru 8 Miles | <i>146.10</i> | <i>12.70</i> | <i>108.00</i> |
| (b) 9 thru 25 Miles | <i>146.10</i> | <i>12.40</i> | <i>108.00</i> |
| (c) Over 25 Miles | <i>146.10</i> | <i>12.20</i> | <i>108.00</i> |

Note 1: For method of determining mileage, see B3.3.3.A.

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B3. CHANNELS

B3.4 Rates and Charges (Cont'd)

B3.4.3 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.

| | Nonrecurring Charge | Monthly Rate |
|---|------------------------|-----------------|
| 1. Voice Grade Bridges (Series 2000) | | |
| a. Voice Bridging | | |
| (1) Per Port | | |
| (a) Two-Wire (Type 2230) | \$ 56.16 | \$ 30.00 |
| (b) Four-Wire (Type 2435) | 56.16 | 35.00 |
| b. Data Bridging | | |
| (1) Per Port | | |
| (a) Four-Wire (Types 2463 and 2464) | 61.92 | 50.10 |
| c. Select-A-Station Bridging - Primary Data Station Selector | | |
| (1) Sequential Arrangement | | |
| (a) Common Equipment | 331.20 | 360.00 |
| (2) Addressable Arrangement | | |
| (a) Common Equipment | 367.20 | 360.00 |
| (3) Channel Connections | | |
| (a) Per two-wire connection | 57.60 | 7.20 |
| (b) Per four-wire connection | 63.36 | 21.60 |
| d. Select-A-Station Bridging - Secondary Data Station Selector | | |
| (1) Sequential Arrangement | | |
| (a) Common Equipment | 331.20 | 360.00 |
| (2) Addressable Arrangement | | |
| (a) Common Equipment | 367.20 | 360.00 |
| (3) Channel Connections | | |
| (a) Per two-wire connection | 57.60 | 7.20 |
| (b) Per four-wire connection | 63.36 | 21.60 |
| e. Telemetry and Alarm Bridging - Split Band, Active Bridging | | |
| (1) Common Equipment, per central office | | |
| (a) First bridging shelf, capacity of 48 two-wire connections | 365.00 | 145.20 |
| (b) Additional bridging shelf, capacity of 56 two-wire connections installed subsequent to the first bridging shelf | 330.00 | 145.20 |

B3. CHANNELS

B3.4 Rates and Charges (Cont'd)

B3.4.3 Optional Features and Functions (Cont'd)

| | Nonrecurring Charge | Monthly Rate |
|---|------------------------|-----------------|
| A. Bridging (Cont'd) | | |
| 1. Voice Grade Bridges (Series 2000) (Cont'd) | | |
| e. Telemetry and Alarm Bridging | | |
| - Split Band, Active Bridging (Cont'd) | | |
| (1) Common Equipment, per central office (Cont'd) | | |
| (c) Additional bridging shelf, capacity of 56 two-wire connections installed at the same time as the first bridging shelf | \$205.00 | \$60.50 |
| (2) Channel connections, per channel connected | | |
| (a) Remote station channel connection | 40.00 | 3.60 |
| (b) Mid-link channel connection, first channel | 47.00 | 12.10 |
| (c) Mid-link channel connection, subsequent channels | 47.00 | 12.10 |
| 2. Wired Music Bridges (Series 6000) | | |
| a. Distribution Amplifiers | | |
| (1) Per Port | | |
| (a) Each | 50.40 | 2.88 |

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.

1. Per local channel

| | Monthly Rate | Nonrecurring Charge | |
|-------------------------------|-----------------|---------------------|------------|
| | | Initial | Subsequent |
| (a) Ringdown - Manual | \$ 19.10 | \$60.48 | \$309.60 |
| (b) Ringdown - Automatic | 20.90 | 21.60 | 106.56 |
| (c) E&MType | 20.90 | 61.92 | 273.60 |
| (d) Type A (0-199 ohms) | 10.40 | 60.48 | 201.60 |
| (e) Type B (200-899 ohms) | 10.40 | 59.04 | 201.60 |
| (f) Type C (900 or more ohms) | 5.10 | 15.84 | 201.60 |

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.

B3. CHANNELS

B3.4 Rates and Charges (Cont'd)

B3.4.3 Optional Features and Functions (Cont'd)

C. Conditioning (Voice Grade Services) (Cont'd)

1. (Cont'd)

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

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.

4. C-Type Conditioning

a. C-Type Conditioning is available for Types 2463 and 2464.

| (1) C-Types of Conditioning per local channel | | Monthly Rate | Nonrecurring Charge | |
|---|---------|--------------|---------------------|------------|
| | | | Initial | Subsequent |
| (a) | C1-Type | \$5.10 | \$14.40 | \$122.40 |
| (b) | C2-Type | 5.10 | 31.68 | 135.36 |

5. D-Type Conditioning

a. D-Type Conditioning is available for Types 2463 and 2464.

(1) D-Type Conditioning per local channel

| (a) | D1-Type | 5.10 | 21.60 | 128.16 |
|-----|---------|------|-------|--------|
| | | | | |

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B7. DIGITAL NETWORK SERVICE

B7.1 DS1 Service (Cont'd)

B7.1.3 Rates and Charges

- A. A Digital Local Channel is furnished between a Serving Wire Center and the customer's premises. Rates are based on the airline distance between the Serving Wire Center and the customer's premises.

1. Digital Local Channel, each¹

| | Nonrecurring Charge | Month To Month |
|--|------------------------|----------------------|
| (a) First 1/2 Mile | \$300.00 | \$110.00 |
| (b) Each additional 1/2 Mile, or fraction thereof | - | 39.00 |

- B. Interoffice Channels are furnished between Central Offices. Rates are based on the airline distance between central offices.^{1,2}

1. Interoffice Channel, each channel 0-8 miles

| | | |
|---|--------|-------|
| (a) Fixed Monthly Rate | 125.00 | 60.00 |
| (b) Each Airline Mile, or fraction thereof | - | 30.00 |

2. Interoffice Channel, each channel 9 - 25 miles

| | | |
|--|--------|-------|
| (a) Fixed monthly rate | 125.00 | 92.50 |
| (b) Each airline mile or fraction thereof | - | 38.20 |

3. Interoffice Channel, each channel over 25 miles

| | | |
|--|--------|--------|
| (a) Fixed monthly rate | 125.00 | 119.00 |
| (b) Each airline mile or fraction thereof | - | 37.00 |

- C. Clear Channel Capability is furnished on a per DS1 service channel basis.

1. Per DS1 service channel optioned as:

| | Monthly Rate | Nonrecurring Charge | |
|--------------------------------------|-----------------|------------------------|------------|
| | | Initial | Subsequent |
| (a) Superframe Format (SF) | \$- | \$- | \$605.00 |
| (b) Extended Superframe Format (ESF) | - | - | 605.00 |

Note 1: DS1 ISDN service, specified in B107.5 of this Tariff references rates and charges for this rate element.

Note 2: Refer to the B3.3.3 of this Tariff, for mileage measurement methodology.

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B7. DIGITAL NETWORK SERVICE

B7.1 DS1 Service (Cont'd)

B7.1.3 Rates and Charges (Cont'd)

D. Move Charge

A move charge, per DS1 service channel, applies for each Digital Local Channel moved to a new location in the same building. This move charge is equal to the sum of the Digital Local Channel Nonrecurring Charge, Service Change Charge - Inside Moves, and Premises Visit Charge.

A move charge, per DS1 service channel under CSPP, applies for each DS1 service moved to a new location in Company territory within the same state. This move charge is equal to the sum of all nonrecurring charges applicable to a new DS1 service channel installation at the new location.

E. Service Connection Charges

1. Service Establishment Charges are applicable, for each DS1 service channel¹ ordered, for receiving and recording information and/or taking action in connection with a customer's request, and processing the necessary data. These charges include engineering design, common centralized testing and coordination.
2. Service Change Charges are applicable for receiving and recording information and/or taking action in connection with a customer's Inside Move or transfer of service responsibility request, for processing the necessary data on an existing DS1 service channel.¹ A Service Change Charge is applicable for each DS1 service channel¹ associated with the customer request (in lieu of a Service Establishment Charge).
3. Premises Visit Charges are applicable, per Digital Local Channel, for the termination of a channel at a customer's premises or for inside moves. Only one Premises Visit Charge applies when more than one channel service of the same type is terminated or moved at the same premises at the same time.
4. Connection charges are applicable for the connection and testing of Digital Local Channels and/or Interoffice Channels. The charges applied are those nonrecurring charges contained in A. and B. preceding.
5. Charges for DS1 service

a. Service Establishment Charge

- (1) Per DS1 service channel^{1,2}

**Nonrecurring
Charge**
\$575.00

- (a) Each

b. Service Change Charge

- (1) Per DS1 service channel^{1,2}

- (a) For Inside Moves, each

350.00

- (b) Per Transfers of Responsibility, each

50.00

c. Premises Visit Charge

- (1) Per Digital Local Channel
or for an Inside Move^{2,3}

- (a) Per Visit

35.00

Note 1: Refer to B7.1.2.A.7. of this Tariff for description of DS1 service channels.

Note 2: DS1 ISDN service, specified in B107.5 of this Tariff references rates and charges for this rate element.

Note 3: This charge is applicable to additional stations subsequently installed in a building.

B7. DIGITAL NETWORK SERVICE

B7.2 Digital Data Service (DDS) (Cont'd)

B7.2.3 Rates and Charges

A. Service wholly within the same LATA.

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.

| | Month to Month | Nonrecurring Charge | |
|---------------|-------------------------------|--------------------------------|-----------------|
| | | First | Add'l |
| (a) 2.4 Kbps | <i>\$73.10</i> | \$340.00 | \$105.00 |
| (b) 4.8 Kbps | <i>73.10</i> | 340.00 | 105.00 |
| (c) 9.6 Kbps | <i>73.10</i> | 340.00 | 105.00 |
| (d) 19.2 Kbps | <i>73.10</i> | 340.00 | 105.00 |
| (e) 56.0 Kbps | <i>99.70</i> | 340.00 | 105.00 |
| (f) 64.0 Kbps | <i>99.70</i> | 340.00 | 105.00 |

2. A Node Channel Termination is required at the Company's Node Central Office. Node Channel Termination per local channel, each.

| | | | |
|---------------|--------------|--------------|--------------|
| (a) 2.4 Kbps | <i>17.20</i> | 37.00 | 32.00 |
| (b) 4.8 Kbps | <i>17.20</i> | 37.00 | 32.00 |
| (c) 9.6 Kbps | <i>17.20</i> | 37.00 | 32.00 |
| (d) 19.2 Kbps | <i>17.20</i> | 37.00 | 32.00 |
| (e) 56.0 Kbps | <i>46.50</i> | 37.00 | 32.00 |
| (f) 64.0 Kbps | <i>46.50</i> | 37.00 | 32.00 |

3. A Digital Interoffice Channel is furnished between a serving wire center and the Node Central Office or between Node Central Offices. Digital Interoffice mileage is portrayed in bands. The appropriate mileage band for calculating interoffice mileage rates is determined by the total length in miles of that interoffice channel. A flat rate and a rate per mile apply to each band for each Digital Interoffice Channel provided.¹

a. Interoffice Channel, each channel 0-8 miles

(1) Fixed rates applicable

| | Month to Month | Nonrecurring Charge | |
|-----------------------------------|-------------------------------|--------------------------------|----------------|
| (a) 2.4,4.8, 9.6 and 19.2 Kbps | <i>\$22.00</i> | | \$93.00 |
| (b) 56.0 and 64.0 Kbps | <i>44.00</i> | | 93.00 |
| (2) Each mile or fraction thereof | | | |
| (a) 2.4,4.8, 9.6 and 19.2 Kbps | <i>2.25</i> | | - |
| (b) 56.0 and 64.0 Kbps | <i>4.50</i> | | - |

Note 1: 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.

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B7. DIGITAL NETWORK SERVICE

B7.2 Digital Data Service (DDS) (Cont'd)

B7.2.3 Rates and Charges (Cont'd)

A. Service wholly within the same LATA. (Cont'd)

3. (Cont'd)¹

| | Month To Month | Nonrecurring Charge | | | | | | |
|--|----------------------|---|----------------------------|--|--------------|-------------------|----------|---------|
| b. Interoffice Channel, each 9-25 miles | | | | | | | | |
| (1) Fixed rates applicable | | | | | | | | |
| (a) 2.4,4.8, 9.6 and 19.2 Kbps | \$31.90 | \$93.00 | | | | | | |
| (b) 56.0 and 64.0 Kbps | 44.00 | 93.00 | | | | | | |
| (2) Each mile or fraction thereof | | | | | | | | |
| (a) 2.4,4.8, 9.6 and 19.2 Kbps | 3.10 | - | | | | | | |
| (b) 56.0 and 64.0 Kbps | 4.40 | - | | | | | | |
| c. Interoffice Channel, each channel over 25 miles | | | | | | | | |
| (1) Fixed rates applicable | | | | | | | | |
| (a) 2.4,4.8, 9.6 and 19.2 Kbps | 31.90 | 93.00 | | | | | | |
| (b) 56.0 and 64.0 Kbps | 63.80 | 93.00 | | | | | | |
| (2) Each mile or fraction thereof | | | | | | | | |
| (a) 2.4,4.8, 9.6 and 19.2 Kbps | 2.90 | - | | | | | | |
| (b) 56.0 and 64.0 Kbps | 6.00 | - | | | | | | |
| B. Service Options | | | | | | | | |
| 1. Multipoint Service, per local or interoffice channel bridged ^{2,3} | | | | | | | | |
| (a) 2.4,4.8, 9.6 or 19.2 Kbps | 33.00 | 28.00 | | | | | | |
| (b) 56.0 Kbps | 33.00 | 28.00 | | | | | | |
| 2. Secondary Channel Capabilities, per local channel | | | | | | | | |
| (a) Each ^{2,3,4} | 19.80 | 225.00 | | | | | | |
| 3. Data Over Voice Channel, per local channel ^{2,5,6} | | | | | | | | |
| (a) 9.6 Kbps | 33.00 | 555.00 | | | | | | |
| 4. Speed Change Charge, per local channel | | | | | | | | |
| (a) Each ⁷ | | <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">Nonrecurring Charge</td> </tr> <tr> <td style="text-align: center;">First</td> <td style="text-align: center;">Additional</td> </tr> <tr> <td style="text-align: center;">\$188.50</td> <td style="text-align: center;">\$68.50</td> </tr> </table> | Nonrecurring Charge | | First | Additional | \$188.50 | \$68.50 |
| Nonrecurring Charge | | | | | | | | |
| First | Additional | | | | | | | |
| \$188.50 | \$68.50 | | | | | | | |

Note 1: 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 2: This option may not be available in all service locations.

Note 3: This option is not available with 64.0 Kbps.

Note 4: Nonrecurring charge is applicable only if Secondary Channel service is being added subsequent to the installation of basic service.

Note 5: This option may be used in lieu of 9.6 Kbps Digital Local Channel in B7.2.3.A. preceding. All other DDS service rate elements apply as appropriate.

Note 6: Secondary Channel Capability cannot be provided when this option is used.

Note 7: Speed Change Charge is applicable where circuit out of service time during speed change activity is acceptable to customer.

HARGRAY TELEPHONE CO., INC.
SOUTH CAROLINA
ISSUED: October 17, 2013

EFFECTIVE: October 17, 2013

B7. DIGITAL NETWORK SERVICE

B7.3 DS1 Channel Service (Cont'd)

B7.3.3 Digital Architecture and Definitions

A. Digital Architecture

DS1 channel services differ in provisioning method and numbering format from single channel services. These services will be available from the Company on a link (partial channel) basis rather than as an end-to-end service. This architecture is intended to promote more efficient connectivity of analog and digital networks in the future.

Both analog and digital channels are offered by the Company. Where traditional analog voice grade signals are provided to a customer at his premises, then comparable performance specifications to the Series 2100 (or 2000) Channel Services will be provided, as contained in the Private Line or General Customer Services Tariffs.

Many DS1 service channels will be available on a digital basis at the network interface on a customer's premises. Traditional analog services, like tie lines, off-premises stations, and PBX trunks can be provided on a digital basis to a customer's premises by the Company when a customer desires them encoded in a DS1 bit stream. Under those conditions, they will be provided as DS0 channels by the Company. Both the Company and the customer have joint responsibilities to ensure the proper transmission of the provided services. Normal analog channel network interface specifications will be superceded by the electrical specifications of DS1 service channel which is actually terminated. Each DS0 channel provided will have identity only as a "time slot" within a DS1 channel. Compatible Digital to analog conversion equipment must be provided by the customer to derive the desired analog services. Any Channel Service Units (CSUs) necessary for digital services are the responsibility of the customer.

B. Definitions

CHANNEL SERVICE UNIT (CSU)

The term CSU denotes network channel terminating equipment provided by the customer to terminate digital channel facilities on a customer's or user's premises.

D SO

The term DSO denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with the North American hierarchy of digital signal levels. It is generally referred to as having a 64 Kbps transmission bit rate signal.

D S1

The term DS1 denotes a channel service expressed in terms of its digitally encoded bit rate in accordance with the North American hierarchy of digital signal levels. It has a 1.544 Mbps transmission data rate, and provides for the two-way simultaneous transmission of isochronous timed, Bipolar Return-to-Zero (BPRZ) bit stream format, except where intentional bipolar violations are introduced by Bipolar with 8 Zero Substitution (B8ZS) format. Unframed signal formats are not permitted or compatible with Company equipment.

B7.3.4 Rates and Charges

A. Basic System Capacity

The rates for a basic system without activated features for voice or data grade service are as follows:

1. Central Office

| | Nonrecurring Charge | Month To Month |
|-----------------------------------|--------------------------------|-------------------------------|
| (a) 24 Voice Equivalent Channels | \$230.00 | \$230.00 |
| (b) 48 Voice Equivalent Channels | 275.00 | 450.00 |
| (c) 96 Voice Equivalent Channels | 360.00 | 880.00 |
| (d) 144 Voice Equivalent Channels | 450.00 | 1,140.00 |
| (e) 192 Voice Equivalent Channels | 535.00 | 1,390.00 |
| (f) 240 Voice Equivalent Channels | 625.00 | 1,630.00 |
| (g) 288 Voice Equivalent Channels | 710.00 | 1,860.00 |
| (h) 384 Voice Equivalent Channels | 885.00 | 2,265.00 |
| (i) 480 Voice Equivalent Channels | 1,060.00 | 2,650.00 |
| (j) 576 Voice Equivalent Channels | 1,230.00 | 3,025.00 |
| (k) 672 Voice Equivalent Channels | 1,410.00 | 3,365.00 |

B7. DIGITAL NETWORK SERVICE

B7.3 DS1 Channel Service (Cont'd)

B7.3.4 Rates and Charges (Cont'd)

B. Feature Activation

1. Central Office

a. Analog Voice Service

- (1) For Exchange Line, Foreign Exchange, OPS, Trunk, Centrex Type Services station line, WATS Line, or Voice PL use

| | Nonrecurring Charge | | Month to Month |
|---|---------------------|-----------------|----------------|
| | First | Each Additional | |
| (a) Per feature activated ^{1,2,3} | \$7.00 | \$6.00 | \$9.00 |
| (2) For Tie Line use | | | |
| (a) Per feature activated ^{1,2,3} | 7.00 | 6.00 | 13.00 |
| b. Analog Data Service | | | |
| (1) For data transmission use | | | |
| (a) Per feature activated ^{1,2,3} | 7.00 | 6.00 | 13.00 |
| c. Digital Data Service | | | |
| (1) For 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps, 56 Kbps and 64 Kbps data rates | | | |
| (a) Per feature activated ^{1,2,3} | 7.00 | 6.00 | 13.00 |
| d. Broadband Exchange Line Service | | | |
| (1) For 56 Kbps and 64 Kbps data rates | | | |
| (a) Per feature activated ^{1,2,3} | 10.00 | 7.50 | 10.00 |

Note 1: The first nonrecurring charge is applicable to the first channel activated of a particular type. It is also applicable to a first channel of that type which is installed at a later time.

Note 2: Each additional nonrecurring charge is applicable to each additional channel activated of the same type and at the same time.

Note 3: Represents 1 (one) voice equivalent channel per feature activated.

B7. DIGITAL NETWORK SERVICE

B7.4 Fiber Service (Cont'd)

B7.4.4 Rates and Charges

A. Fiber service Local Channel Systems

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.

1. Fiber 1 Basic System¹

| | Nonrecurring Charge | Month to Month | 24 to 48 Months | 49 to 72 Months | 73 to 96 Months |
|---|---------------------|----------------|-----------------|-----------------|-----------------|
| 2. (a) Per System Fiber STS-1 Basic System ¹ | \$300.00 | \$2,070.00 | \$1,590.00 | \$1,440.00 | \$1,290.00 |
| 3. (a) Per System Fiber OC-3 Basic System ¹ | 700.00 | 2,070.00 | 1,590.00 | 1,440.00 | 1,290.00 |
| (a) Per System | 700.00 | 3,700.00 | 3,100.00 | 2,800.00 | 2,500.00 |
| (b) Per System with Optical Customer Termination | 700.00 | 2,432.00 | 1,968.00 | 1,776.00 | 1,584.00 |
| (c) Per System with Optical Serving Wire Center Termination | 700.00 | 2,432.00 | 1,968.00 | 1,776.00 | 1,584.00 |
| 4. Fiber OC-12 Basic System ¹ | | | | | |
| (a) Per System | 700.00 | 5,500.00 | 5,100.00 | 4,600.00 | 4,150.00 |
| (b) Per System with Optical Customer Termination | 700.00 | 3,840.00 | 3,504.00 | 3,200.00 | 2,880.00 |
| (c) Per System with Optical Serving Wire Center Termination | 700.00 | 3,840.00 | 3,504.00 | 3,200.00 | 2,880.00 |
| 5. Fiber OC-48 Basic System ¹ | | | | | |
| (a) Per System | 700.00 | 13,000.00 | 11,000.00 | 10,000.00 | 9,000.00 |
| (b) Per System with Optical Customer Termination | 700.00 | 8,000.00 | 7,040.00 | 6,400.00 | 5,760.00 |
| (c) Per System with Optical Serving Wire Center Termination | 700.00 | 8,000.00 | 7,040.00 | 6,400.00 | 5,760.00 |
| 6. Fiber OC-192 Basic System ¹ | | | | | |
| (a) Per System | 700.00 | 26,000.00 | 20,000.00 | 18,000.00 | 16,000.00 |

Note 1: Month to month rates are only available at the end of a contract rate period.

B7. DIGITAL NETWORK SERVICE

B7.4 Fiber Service (Cont'd)

B7.4.4 Rates and Charges (Cont'd)

A. Fiber service Local Channel Systems (Cont'd)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.

7. Central Office Channel Interfaces

| | Nonrecurring Charge | Month to Month | 24 to 48 Months | 49 to 72 Months | 73 to 96 Months |
|--|---------------------|----------------|-----------------|-----------------|-----------------|
| (a) Per DS1 | \$125.00 | \$24.00 | \$20.00 | \$17.00 | \$16.00 |
| (b) Per DS3 | 125.00 | 115.00 | 95.00 | 90.00 | 85.00 |
| (c) Per DS3 (Asymmetrical with DS1/Flex DS1) | 290.00 | 500.00 | 390.00 | 365.00 | 350.00 |
| (d) Per STS-1 | 125.00 | 175.00 | 140.00 | 130.00 | 120.00 |
| (e) Per OC-3 (2 Fiber) | 200.00 | 240.00 | 190.00 | 175.00 | 160.00 |
| (f) Per OC-3 (4 Fiber) | 200.00 | 425.00 | 330.00 | 300.00 | 270.00 |
| (g) Per OC-12 (2 Fiber) | 360.00 | 640.00 | 495.00 | 450.00 | 405.00 |
| (h) Per OC-12 (4 Fiber) | 400.00 | 1,280.00 | 990.00 | 900.00 | 810.00 |
| (i) Per OC-48 (2 Fiber) | 500.00 | 1,600.00 | 1,325.00 | 1,215.00 | 1,050.00 |
| (j) Per OC-48 (4 Fiber) | 500.00 | 3,200.00 | 2,650.00 | 2,430.00 | 2,100.00 |
| (k) Per 28 DS1 Channel System | 125.00 | 600.00 | 490.00 | 465.00 | 450.00 |
| (l) Per DS1 on 28 DS1 Channel System | 125.00 | 15.00 | 8.00 | 7.00 | 6.00 |
| (m) Per STS-1 Channel System | 125.00 | 600.00 | 490.00 | 465.00 | 450.00 |
| (n) Per OC-3 Channel System | 125.00 | 1,325.00 | 1,100.00 | 1,000.00 | 900.00 |
| (o) Per OC-12 Channel System | 125.00 | 2,650.00 | 2,200.00 | 2,000.00 | 1,800.00 |
| (p) Per OC-48 Channel System | 125.00 | 5,490.00 | 4,410.00 | 4,050.00 | 3,510.00 |
| (q) Per 1000 Mbps ¹ | 400.00 | 740.00 | 520.00 | 475.00 | 425.00 |
| (r) Per 10 Mbps ² | 450.00 | 500.00 | 175.00 | 155.00 | 140.00 |
| (s) Per 100 Mbps (3 STS-1) ² | 450.00 | 540.00 | 210.00 | 190.00 | 170.00 |
| (t) Per Fractional 1000 Mbps ² | | | | | |
| - 50 Mbps | 450.00 | 520.00 | 190.00 | 170.00 | 150.00 |
| - 150 Mbps | 450.00 | 560.00 | 230.00 | 210.00 | 190.00 |
| - 300 Mbps | 450.00 | 600.00 | 300.00 | 280.00 | 260.00 |
| - 450 Mbps | 450.00 | 640.00 | 340.00 | 310.00 | 290.00 |
| - 600 Mbps | 450.00 | 700.00 | 380.00 | 340.00 | 320.00 |
| (u) Per Flex DS1 | 130.00 | 24.00 | 20.00 | 17.00 | 16.00 |
| (v) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone | 800.00 | 500.00 | 175.00 | 155.00 | 140.00 |
| (w) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone | 800.00 | 540.00 | 210.00 | 190.00 | 170.00 |
| (x) Per 1000 Mbps Metro Ethernet Backbone | 850.00 | 740.00 | 520.00 | 475.00 | 425.00 |

Note 1: Available only for systems installed on or after November 12, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 2: Available only for systems installed on or after December 2, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

B7. DIGITAL NETWORK SERVICE

B7.4 Fiber Service (Cont'd)

B7.4.4 Rates and Charges (Cont'd)

A. Fiber service Local Channel Systems (Cont'd)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.
(Cont'd)

8. Customer Channel Interfaces

| | Nonrecurring Charge | Month to Month | 24 to 48 Months | 49 to 72 Months | 73 to 96 Months |
|---|---------------------|----------------|-----------------|-----------------|-----------------|
| (a) Per DS1 | \$170.00 | \$24.00 | \$20.00 | \$17.00 | \$16.00 |
| (b) Per DS3 | 125.00 | 115.00 | 95.00 | 90.00 | 85.00 |
| (c) Per DS3 (Asymmetrical with DS1/Flex DS1) | 280.00 | 500.00 | 390.00 | 365.00 | 350.00 |
| (d) Per STS-1 | 125.00 | 240.00 | 195.00 | 185.00 | 175.00 |
| (e) Per OC-3 (2 Fiber) | 125.00 | 240.00 | 190.00 | 175.00 | 160.00 |
| (f) Per OC-3 (4 Fiber) | 125.00 | 475.00 | 380.00 | 350.00 | 320.00 |
| (g) Per OC-12 (2 Fiber) | 275.00 | 715.00 | 570.00 | 525.00 | 480.00 |
| (h) Per OC-12 (4 Fiber) | 275.00 | 1,430.00 | 1,140.00 | 1,050.00 | 960.00 |
| (i) Per OC-48 (2 Fiber) | 300.00 | 1,600.00 | 1,325.00 | 1,215.00 | 1,050.00 |
| (j) Per OC-48 (4 Fiber) | 300.00 | 3,200.00 | 2,650.00 | 2,430.00 | 2,100.00 |
| (k) Per 1000 Mbps ¹ 850 nm Multi-mode ¹ | 400.00 | 740.00 | 520.00 | 475.00 | 425.00 |
| (l) Per 1000 Mbps 1310 nm Single-mode ¹ | 400.00 | 740.00 | 520.00 | 475.00 | 425.00 |
| (m) Per 10 Mbps ² | 450.00 | 500.00 | 175.00 | 155.00 | 140.00 |
| (n) Per 100 Mbps (3 STS-1) - Electrical ² | 450.00 | 540.00 | 210.00 | 190.00 | 170.00 |
| (o) Per 100 Mbps (3 STS-1) - 1310 nm Single-mode ² | 450.00 | 540.00 | 210.00 | 190.00 | 170.00 |
| (p) Per Fractional 1000 Mbps ² | | | | | |
| - 50 Mbps 850 nm Multi-mode | 450.00 | 520.00 | 190.00 | 170.00 | 150.00 |
| - 50 Mbps 1310 nm Single-mode | 450.00 | 520.00 | 190.00 | 170.00 | 150.00 |
| - 150 Mbps 850 nm Multi-mode | 450.00 | 560.00 | 230.00 | 210.00 | 190.00 |
| - 150 Mbps 1310 nm Single-mode | 450.00 | 560.00 | 230.00 | 210.00 | 190.00 |
| - 300 Mbps 850 nm Multi-mode | 450.00 | 600.00 | 300.00 | 280.00 | 260.00 |
| - 300 Mbps 1310 nm Single-mode | 450.00 | 600.00 | 300.00 | 280.00 | 260.00 |
| - 450 Mbps 850 nm Multi-mode | 450.00 | 640.00 | 340.00 | 310.00 | 290.00 |
| - 450 Mbps 1310 nm Single-mode | 450.00 | 640.00 | 340.00 | 310.00 | 290.00 |
| - 600 Mbps 850 nm Multi-mode | 450.00 | 700.00 | 380.00 | 340.00 | 320.00 |
| - 600 Mbps 1310 nm Single-mode | 450.00 | 700.00 | 380.00 | 340.00 | 320.00 |
| (q) Per Flex DS1 | 260.00 | 24.00 | 20.00 | 17.00 | 16.00 |
| (r) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone | 800.00 | 500.00 | 175.00 | 155.00 | 140.00 |
| (s) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone | 800.00 | 540.00 | 210.00 | 190.00 | 170.00 |
| (t) Per 1000 Mbps Metro Ethernet Backbone | 400.00 | 740.00 | 520.00 | 475.00 | 425.00 |

B. Fiber service Local Channel Mileage³

1. Mileage for all Fiber service Local Channel Systems

| | | | | | |
|---|----|--------|--------|--------|--------|
| (a) First one-half mile (included in system charge) | - | - | - | - | - |
| (b) Each additional one-half mile | NA | 225.00 | 190.00 | 170.00 | 150.00 |

Note 1: Available only for systems installed on or after November 12, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 2: Available only for systems installed on or after December 2, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 3: Month to month rates are only available at the end of a contract rate period.

B7. DIGITAL NETWORK SERVICE

B7.4 Fiber Service (Cont'd)

B7.4.4 Rates and Charges (Cont'd)

C. Separate Alternate Facility Transport (SAFT)¹

| | Nonrecurring Charge | Month to Month | 24 to 48 Months | 49 to 72 Months | 73 to 96 Months |
|--|---------------------|----------------|-----------------|-----------------|-----------------|
| 1. SAFT Level I | | | | | |
| (a) Per System | \$770.00 | | | | |
| (b) Per one-half air mile | | \$175.00 | \$115.00 | \$95.00 | \$90.00 |
| 2. SAFT Level II | | | | | |
| (a) Per System | 770.00 | | | | |
| (b) Per one-half air mile | | 2,000.00 | 800.00 | 640.00 | 520.00 |
| D. Interoffice Channels (These channels are furnished between central offices. Rates are based upon airline distance between central offices.) | | | | | |
| 1. Fiber 1 service ¹ | | | | | |
| a. Per DS3 | | | | | |
| (1) 0-8 miles | | | | | |
| (a) Fixed | 190.00 | 1,430.00 | 975.00 | 775.00 | 625.00 |
| (b) Per Mile | | 130.00 | 70.00 | 60.00 | 50.00 |
| (2) 9-25 miles | | | | | |
| (a) Fixed | 190.00 | 1,600.00 | 1,125.00 | 925.00 | 775.00 |
| (b) Per Mile | | 130.00 | 70.00 | 60.00 | 50.00 |
| (3) Over 25 miles | | | | | |
| (a) Fixed | 190.00 | 1,870.00 | 1,325.00 | 1,125.00 | 925.00 |
| (b) Per Mile | | 130.00 | 70.00 | 60.00 | 50.00 |
| 2. Fiber STS-1 service ¹ | | | | | |
| a. Per STS-1 | | | | | |
| (1) 0-8 miles | | | | | |
| (a) Fixed | 190.00 | 1,430.00 | 975.00 | 775.00 | 625.00 |
| (b) Per Mile | | 130.00 | 70.00 | 60.00 | 50.00 |
| (2) 9-25 miles | | | | | |
| (a) Fixed | 190.00 | 1,600.00 | 1,125.00 | 925.00 | 775.00 |
| (b) Per Mile | | 130.00 | 70.00 | 60.00 | 50.00 |
| (3) Over 25 miles | | | | | |
| (a) Fixed | 190.00 | 1,870.00 | 1,325.00 | 1,125.00 | 925.00 |
| (b) Per Mile | | 130.00 | 70.00 | 60.00 | 50.00 |

Note 1: Month to month rates are only available at the end of a contract rate period.

B7. DIGITAL NETWORK SERVICE

B7.4 Fiber Service (Cont'd)

B7.4.4 Rates and Charges (Cont'd)

D. Interoffice Channels (Cont'd) (These channels are furnished between central offices. Rates are based upon airline distance between central offices.)

3. Fiber OC-3 service¹

a. Per OC-3

(1) 0-8 miles

| | Nonrecurring Charge | Month to Month | 24 to 48 Months | 49 to 72 Months | 73 to 96 Months |
|--------------|---------------------|----------------|-----------------|-----------------|-----------------|
| (a) Fixed | \$190.00 | \$2,100.00 | \$1,475.00 | \$1,225.00 | \$1,025.00 |
| (b) Per Mile | - | 225.00 | 155.00 | 140.00 | 125.00 |

(2) 9-25 miles

| | | | | | |
|--------------|--------|----------|----------|----------|----------|
| (a) Fixed | 190.00 | 2,600.00 | 2,150.00 | 2,000.00 | 1,900.00 |
| (b) Per Mile | - | 225.00 | 155.00 | 140.00 | 125.00 |

(3) Over 25 miles

| | | | | | |
|--------------|--------|----------|----------|----------|----------|
| (a) Fixed | 190.00 | 3,600.00 | 3,150.00 | 2,900.00 | 2,700.00 |
| (b) Per Mile | - | 225.00 | 155.00 | 140.00 | 125.00 |

4. Fiber OC-12 service¹

a. Per OC-12

(1) 0-8 miles

| | | | | | |
|--------------|--------|----------|----------|----------|----------|
| (a) Fixed | 190.00 | 4,000.00 | 3,300.00 | 3,000.00 | 2,700.00 |
| (b) Per Mile | - | 400.00 | 320.00 | 290.00 | 260.00 |

(2) 9-25 miles

| | | | | | |
|--------------|--------|----------|----------|----------|----------|
| (a) Fixed | 190.00 | 5,500.00 | 4,800.00 | 4,500.00 | 4,200.00 |
| (b) Per Mile | - | 400.00 | 320.00 | 290.00 | 260.00 |

(3) Over 25 miles

| | | | | | |
|--------------|--------|----------|----------|----------|----------|
| (a) Fixed | 190.00 | 7,200.00 | 6,500.00 | 6,200.00 | 5,900.00 |
| (b) Per Mile | - | 400.00 | 320.00 | 290.00 | 260.00 |

5. Fiber OC-48 service¹

a. Per OC-48

(1) 0-8 miles

| | | | | | |
|--------------|--------|----------|----------|----------|----------|
| (a) Fixed | 190.00 | 7,800.00 | 6,500.00 | 5,800.00 | 5,200.00 |
| (b) Per Mile | - | 600.00 | 500.00 | 450.00 | 400.00 |

(2) 9-25 miles

| | | | | | |
|--------------|--------|----------|----------|----------|----------|
| (a) Fixed | 190.00 | 8,700.00 | 7,300.00 | 6,700.00 | 6,100.00 |
| (b) Per Mile | - | 600.00 | 500.00 | 450.00 | 400.00 |

(3) Over 25 miles

| | | | | | |
|--------------|--------|-----------|----------|----------|----------|
| (a) Fixed | 190.00 | 10,000.00 | 8,600.00 | 7,900.00 | 7,100.00 |
| (b) Per Mile | - | 600.00 | 500.00 | 450.00 | 400.00 |

Note 1: Month to month rates are only available at the end of a contract rate period.

B7. DIGITAL NETWORK SERVICE

B7.4 Fiber Service (Cont'd)

B7.4.4 Rates and Charges (Cont'd)

D. Interoffice Channels (Cont'd) (These channels are furnished between central offices. Rates are based upon airline distance between central offices.)

6. Fiber OC-192 service¹
a. Per OC-192
(1) 0-8 miles

| | Nonrecurring Charge | Month to Month | 24 to 48 Months | 49 to 72 Months | 73 to 96 Months |
|---|---------------------|----------------|-----------------|-----------------|-----------------|
| (a) Fixed | \$190.00 | \$19,000.00 | \$15,500.00 | \$13,800.00 | \$12,500.00 |
| (b) Per Mile | - | 600.00 | 500.00 | 450.00 | 400.00 |
| (2) 9-25 miles | | | | | |
| (a) Fixed | 190.00 | 19,900.00 | 15,900.00 | 14,200.00 | 12,700.00 |
| (b) Per Mile | - | 600.00 | 500.00 | 450.00 | 400.00 |
| (3) Over 25 miles | | | | | |
| (a) Fixed | 190.00 | 22,000.00 | 17,700.00 | 15,800.00 | 14,100.00 |
| (b) Per Mile | - | 600.00 | 500.00 | 450.00 | 400.00 |
| 7. Central Office Channel Interfaces | | | | | |
| (a) Per DS1 | 125.00 | 24.00 | 20.00 | 17.00 | 16.00 |
| (b) Per DS3 | 125.00 | 115.00 | 95.00 | 90.00 | 85.00 |
| (c) Per STS-1 | 125.00 | 175.00 | 140.00 | 130.00 | 120.00 |
| (d) Per OC-3 (2 Fiber) | 200.00 | 240.00 | 190.00 | 175.00 | 160.00 |
| (e) Per OC-3 (4 Fiber) | 200.00 | 425.00 | 330.00 | 300.00 | 270.00 |
| (f) Per OC-12 (2 Fiber) | 360.00 | 640.00 | 495.00 | 450.00 | 405.00 |
| (g) Per OC-12 (4 Fiber) | 400.00 | 1,280.00 | 990.00 | 900.00 | 810.00 |
| (h) Per OC-48 (2 Fiber) | 500.00 | 1,600.00 | 1,325.00 | 1,215.00 | 1,050.00 |
| (i) Per OC-48 (4 Fiber) | 500.00 | 3,200.00 | 2,650.00 | 2,430.00 | 2,100.00 |
| (j) Per 28 DS1 Channel System | 125.00 | 600.00 | 490.00 | 465.00 | 450.00 |
| (k) Per DS1 on 28 DS1 Channel System | 125.00 | 15.00 | 8.00 | 7.00 | 6.00 |
| (l) Per STS-1 Channel System | 125.00 | 600.00 | 490.00 | 465.00 | 450.00 |
| (m) Per OC-3 Channel System | 125.00 | 1,325.00 | 1,100.00 | 1,000.00 | 900.00 |
| (n) Per OC-12 Channel System | 125.00 | 2,650.00 | 2,200.00 | 2,000.00 | 1,800.00 |
| (o) Per OC-48 Channel System | 125.00 | 5,490.00 | 4,410.00 | 4,050.00 | 3,510.00 |
| (p) Per 1000 Mbps ² | 400.00 | 740.00 | 520.00 | 475.00 | 425.00 |
| (q) Per 10 Mbps ³ | 450.00 | 500.00 | 175.00 | 155.00 | 140.00 |
| (r) Per 100 Mbps ³ | 450.00 | 540.00 | 210.00 | 190.00 | 170.00 |
| (s) Per Fractional 1000 Mbps ³ | | | | | |
| - 50 Mbps | 450.00 | 520.00 | 190.00 | 170.00 | 150.00 |
| - 150 Mbps | 450.00 | 560.00 | 230.00 | 210.00 | 190.00 |
| - 300 Mbps | 450.00 | 600.00 | 300.00 | 280.00 | 260.00 |
| - 450 Mbps | 450.00 | 640.00 | 340.00 | 310.00 | 290.00 |
| - 600 Mbps | 450.00 | 700.00 | 380.00 | 340.00 | 320.00 |

Note 1: Month to month rates are only available at the end of a contract period.

Note 2: Available only for systems installed on or after November 12, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 3: Available only for systems installed on or after December 2, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

B7. DIGITAL NETWORK SERVICE

B7.4 Fiber Service (Cont'd)

B7.4.4 Rates and Charges (Cont'd)

E. Concatenation Rearrangement Charge

1. Per OC-3, OC-12 or OC-48 optical circuit rearranged as concatenated or non concatenated subsequent to the initial installation of the circuit

| Nonrecurring Charge | |
|---------------------|------------|
| Initial | Subsequent |
| \$0 | \$500.00 |

F. C-Bit Parity (a) Per circuit

1. Per DS3 circuit rearranged to have C-Bit Parity added or removed subsequent to the initial installation of the circuit.

| | | |
|-----------------|---|--------|
| (a) Per circuit | 0 | 500.00 |
|-----------------|---|--------|

G. Moves

1. A move involves a change in the physical location of one of the following:
 - a. the point of interface at the customer premises, or
 - b. the customer's premises
2. When the move is to a new location in Company territory within the same state, the charge for the move is equal to the sum of all nonrecurring charges applicable to a new Fiber service arrangement at the new location.

When the move is to a new location in Company territory in a different state, the move will be treated as a discontinuance and start of service. The customer will be responsible for satisfying all outstanding minimum period charges for the discontinued service. All applicable nonrecurring charges at the new location will apply.

B7.5 Reserved for Future Use

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (FiberRing) Service (Cont'd)

B7.7.3 Architecture (Cont'd)

A. FiberRing Service (Cont'd)

- Interoffice Channel (one for each path between each two directly connected Company Central Offices), provides for the communications path between directly connected Company Central Offices located on a FiberRing service.
- Internodal Channel (one for each path between two directly connected Customer Nodes), provides for the communications path, where requested, between two directly connected Customer Nodes located (a) in the same Serving Wire Center area or (b) in the same Office Park/Campus Environment or contiguous property, located in contiguous Serving Wire Center areas.
- Channel Interface Capacity Reallocation (one per node per occurrence), allows the customer to reallocate channel interfaces on a node subsequent to the initial installation of the channel interfaces. For example, a customer may initially allocate, activated or spare, eighty-four DS1s at each node on the ring and may subsequently request Channel Interface Capacity Reallocation to drop one DS3 and fifty-six DS1s at each node, or other combination of DS3s and/or DS1s equivalent to an OC-3 Network Capacity.
- FiberRing service OC-3, OC-12, or OC-48 channel interfaces are associated with optical circuits within a FiberRing service arrangement. These optical circuits may be provisioned as concatenated. When an optical circuit is provisioned as concatenated, the multiple STS-1s within the optical circuit are provided as a single entity with a single overhead channel.
- FiberRing service interfaces may be ordered as asymmetrical (i.e., a circuit enters one node at a lower level interface and exits at another node at a higher level interface). For example, a customer may have a service that connects to a ring via an OC-3 interface at a node. That service is then transported around the ring and connects via an OC-12 interface to another of the customer's services. The allowable asymmetrical interface arrangements for the various ring sizes are as shown in Technical Reference TR-73582.
- When the distance between nodes on a FiberRing service is such that optical signal regeneration is required, then regeneration equipment will be provided at no additional charge to the customer to assure proper operation of the service. In some cases regeneration will be provided via SONET Add/Drop equipment called a Regeneration Node. A Regeneration Node does not contain the capability to add or drop services. A Regeneration Node will appear on a customer's records as a non-rated USOC, as follows:

Regeneration Node, all ring capacities, non-rated

- FiberRing service Virtual Packet Rings may be established to work with either electrical or optical Basic Shared Ethernet LAN Access Links. A Virtual Packet Ring established associated with electrical access links will only work with electrical Basic Shared Ethernet LAN Access Links and a Virtual Packet Ring established associated with optical access links will only work with optical Basic Shared Ethernet LAN Access Links. Electrical and optical access links may not be mixed on the same Virtual Packet Ring.
- An individual Basic Shared Ethernet LAN Access Link associated with a VPR may not be equal to the size of the VPR and the sum of all or access links on a VPR must be equal to or less than the size (i.e., capacity) of the Virtual Packet Ring. An individual FiberRing service arrangement may have multiple Virtual Packet Rings, up to and including the capacity of the ring.
- Metro Ethernet Access Links must be Optical and must work with an optical VPR. Metro Ethernet Access Links are sized in a static configuration, meaning that they will not allow bursting up to the line speed. This is important when configuring Metro Ethernet, VPR and the Metro Ethernet Access Link. If the Metro Ethernet circuit supports bursting then each Metro Ethernet Access Link needs to be configured to match the maximum bandwidth allowed. The VPR will also need to be configured to match the burst capability.
- Metro Ethernet Access Link service uses the FiberRing service as transport and broadcasts the Metro Ethernet to all Metro Ethernet Access Links associated with a specific VPR. Connection with the Metro Ethernet circuit at the FiberRing central office node is limited to optical connections.

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (FiberRing) Service (Cont'd)

B7.7.4 Rates and Charges

A. Self-healing Multi-nodal Alternate Route Topology Ring (FiberRing Service)

1. Local Channel Mileage Rates (All Capacities)

| | Nonrecurring Charge | Month To Month |
|---|--------------------------------|-------------------------------|
| (a) Per Local Channel | \$500.00 | - |
| (b) Per quarter air mile | - | 95.00 |
| 2. Alternate Central Office Channel Mileage Rates (All Capacities) | | |
| (a) Alternate C.O. Channel, per channel | 500.00 | - |
| (b) Per quarter air mile | - | 685.00 |
| 3. Interoffice Channel Mileage Rates | | |
| (a) Fixed, OC-3 capacity | 190.00 | 50.00 |
| (b) Fixed, OC-12 capacity | 190.00 | 145.00 |
| (c) Per quarter air mile (OC-3 capacity) | - | 35.00 |
| (d) Per quarter air mile (OC-12 capacity) | - | 40.00 |
| (e) Fixed, OC-3+ capacity | 190.00 | 145.00 |
| (f) Fixed, OC-48 and OC-48+ capacity | 190.00 | 340.00 |
| (g) Fixed, OC-192 and OC-192+ capacity | 240.00 | 770.00 |
| (h) Per quarter air mile (OC-3+ capacity) | - | 45.00 |
| (i) Per quarter air mile (OC-48 and 48+ capacity) | - | 50.00 |
| (j) Per quarter air mile (OC-192 and OC-192+ capacity) | - | 50.00 |
| 4. Internodal Channel Mileage Rates (All Capacities) | | |
| (a) Per Internodal Channel, Same Wire Center area | \$500.00 | - |
| (b) Per quarter air mile, Same Wire Center | - | 1,400.00 |
| (c) Per Internodal Channel, Same Office Park/Campus Environment in Contiguous Serving Wire Center areas | 500.00 | - |
| (d) Per quarter air mile, same Office Park/Campus Environment in contiguous Serving Wire Center areas | - | 1,600.00 |

B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (FiberRing) Service (Cont'd)

B7.7.4 Rates and Charges (Cont'd)

A. Self-healing Multi-nodal Alternate Route Topology Ring (FiberRing Service) (Cont'd)

5. Customer Node (per Node)

| | Nonrecurring Charge | Month to Month |
|----------------------|------------------------|-------------------|
| (a) OC-3 capacity | \$415.00 | \$2,200.00 |
| (b) OC-3+ capacity | 415.00 | 2,700.00 |
| (c) OC-12 capacity | 455.00 | 3,400.00 |
| (d) OC-48 capacity | 455.00 | 5,220.00 |
| (e) OC-48+ capacity | 455.00 | 5,850.00 |
| (f) OC-192 capacity | 540.00 | 25,000.00 |
| (g) OC-192+ capacity | 540.00 | 25,000.00 |

6. Customer Channel Interface (per Node)

| | | |
|---|----------|-----------|
| (a) Per DS1 | 175.00 | 35.00 |
| (b) Per DS3 | 140.00 | 170.00 |
| (c) Per STS-1 | 190.00 | 220.00 |
| (d) Per OC-3, 2 fiber | 190.00 | 255.00 |
| (e) Per OC-3, 4 fiber | 190.00 | 515.00 |
| (f) Per OC-12, 2 fiber | 340.00 | 745.00 |
| (g) Per OC-12, 4 fiber | 340.00 | 1,490.00 |
| (h) Per OC-48, 2 fiber | 420.00 | 1,600.00 |
| (i) Per OC-48, 4 fiber | 420.00 | 3,200.00 |
| (j) Per OC-192, 2 fiber | 1,600.00 | 7,500.00 |
| (k) Per OC-192, 4 fiber | 1,600.00 | 15,000.00 |
| (l) Per DS1 within an STS-1 Asymmetrical Arrangement | 330.00 | 25.00 |
| (m) Per DS3 (Asymmetrical with DS1) | 360.00 | 550.00 |
| (n) Per 1000 Mbps 850 nm Multi-mode | 400.00 | 740.00 |
| (o) Per 1000 Mbps 1310 nm Single-mode | 400.00 | 740.00 |
| (p) Per 10 Mbps | 450.00 | 500.00 |
| (q) Per 100 Mbps (3 STS-1) - Electrical | 450.00 | 540.00 |
| (r) Per 100 Mbps (3 STS-1) - Optical 1310 nm Single-mode | 450.00 | 540.00 |
| (s) Per Fractional 1000 Mbps | | |
| - 50 Mbps 850 nm Multi-mode | 450.00 | 520.00 |
| - 50 Mbps 1310 nm Single-mode | 450.00 | 520.00 |
| - 150 Mbps 850 nm Multi-mode | 450.00 | 560.00 |
| - 150 Mbps 1310 nm Single-mode | 450.00 | 560.00 |
| - 300 Mbps 850 nm Multi-mode | 450.00 | 600.00 |
| - 300 Mbps 1310 nm Single-mode | 450.00 | 600.00 |
| - 450 Mbps 850 nm Multi-mode | 450.00 | 640.00 |
| - 450 Mbps 1310 nm Single-mode | 450.00 | 640.00 |
| - 600 Mbps 850 nm Multi-mode | 450.00 | 700.00 |
| - 600 Mbps 1310 nm Single-mode | 450.00 | 700.00 |
| (t) Per Flex DS1 | 360.00 | 45.00 |
| (u) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone | 800.00 | 500.00 |
| (v) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone | 800.00 | 540.00 |
| (w) Per 1000 Mbps Metro Ethernet Backbone | 850.00 | 740.00 |

B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (FiberRing) Service (Cont'd)

B7.7.4 Rates and Charges (Cont'd)

A. Self-healing Multi-nodal Alternate Route Topology Ring (FiberRing Service) (Cont'd)

7. Central Office Node (per Node)

| | Nonrecurring Charge | Month to Month |
|----------------------|---------------------|----------------|
| (a) OC-3 capacity | \$385.00 | \$1,400.00 |
| (b) OC-3+ capacity | 385.00 | 2,250.00 |
| (c) OC-12 capacity | 440.00 | 2,600.00 |
| (d) OC-48 capacity | 440.00 | 4,860.00 |
| (e) OC-48+ capacity | 440.00 | 5,490.00 |
| (f) OC-192 capacity | 540.00 | 25,000.00 |
| (g) OC-192+ capacity | 540.00 | 25,000.00 |

8. Central Office Channel Interface (per Central Office Node)

| | | |
|--|----------|-----------|
| (a) Per DS1 | 140.00 | 35.00 |
| (b) Per DS3 | 205.00 | 115.00 |
| (c) Per STS-1 | 190.00 | 150.00 |
| (d) Per OC-3, 2 fiber | 340.00 | 255.00 |
| (e) Per OC-3, 4 fiber | 340.00 | 515.00 |
| (f) Per OC-12, 2 fiber | 535.00 | 745.00 |
| (g) Per OC-12, 4 fiber | 535.00 | 1,490.00 |
| (h) Per OC-48, 2 fiber | 650.00 | 1,600.00 |
| (i) Per OC-48, 4 fiber | 650.00 | 3,200.00 |
| (j) Per OC-192, 2 fiber | 1,600.00 | 7,500.00 |
| (k) Per OC-192, 4 fiber | 1,600.00 | 15,000.00 |
| (l) Per 28 DS1 Channel System (DS3) | 195.00 | 650.00 |
| (m) Per 28 DS1 Channel System (STS-1) | 195.00 | 750.00 |
| (n) Per DS1 on 28 DS1 Channel System (DS3) | 170.00 | 12.00 |
| (o) Per DS1 on 28 DS1 Channel System (STS-1) | 170.00 | 40.00 |
| (p) Per DS1 within an STS-1 Asymmetrical Arrangement | 360.00 | 25.00 |
| (q) Per DS3 (Asymmetrical with DS1) | 400.00 | 550.00 |
| (r) Per 1000 Mbps | 400.00 | 740.00 |
| (s) Per 10 Mbps | 450.00 | 500.00 |
| (t) Per 100 Mbps (3-STS-1) | 450.00 | 540.00 |
| (u) Per Fractional 1000 Mbps | | |
| - 50 Mbps | 450.00 | 520.00 |
| - 150 Mbps | 450.00 | 560.00 |
| - 300 Mbps | 450.00 | 600.00 |
| - 450 Mbps | 450.00 | 640.00 |
| - 600 Mbps | 450.00 | 700.00 |
| (v) Per Flex DS1 | 250.00 | 40.00 |
| (w) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone | 800.00 | 500.00 |
| (x) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone | 800.00 | 540.00 |
| (y) Per 1000 Mbps Metro Ethernet Backbone | 850.00 | 740.00 |

B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (FiberRing) Service (Cont'd)

B7.7.4 Rates and Charges (Cont'd)

A. Self-healing Multi-nodal Alternate Route Topology Ring (FiberRing Service) (Cont'd)

9. Channel Interface Capacity Reallocation

Nonrecurring Charge
\$265.00

- (a) Per Node, Per occurrence
 10. Concatenation Rearrangement Charge

Nonrecurring Charge
Initial Subsequent
 \$- \$500.00

Monthly Rate

- (a) Per OC-3, OC-12 or OC-48 optical circuit rearranged as concatenated or non-concatenated subsequent to the initial installation of the circuit

11. FiberRing Service Rearrangement

- (a) Surveillance, Per Node, per FiberRing service - - 255.00
 (b) Reconfiguration, Per STS-1 group, per Node - - 365.00

12. Basic Shared Ethernet LAN Access Link

(a) Customer Premises Access Link Connection

| | Nonrecurring Charge | Month to Month | 24 to 48 Months | 49 to 72 Months | 73 to 96 Months |
|---|----------------------------|-----------------------|------------------------|------------------------|------------------------|
| (1) Per 10 Mbps Basic Shared Ethernet LAN Access Link - Electrical ¹ | \$2,050.00 | \$730.00 | NA | NA | NA |
| (2) Per 100 Mbps Basic Shared Ethernet LAN Access Link - Electrical ¹ | 2,050.00 | 780.00 | NA | NA | NA |
| (3) Per 100 Mbps Basic Shared Ethernet LAN Access Link - Optical 1310 nm Single-mode ¹ | 2,050.00 | 780.00 | NA | NA | NA |
| (4) Per Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link - Optical ¹ | | | | | |
| - 50 Mbps 850 nm Multi-mode | 2,050.00 | 750.00 | NA | NA | NA |
| - 50 Mbps 1310 nm Single-mode | 2,050.00 | 750.00 | NA | NA | NA |
| - 150 Mbps 850 nm Multi-mode | 2,050.00 | 810.00 | NA | NA | NA |
| - 150 Mbps 1310 nm Single-mode | 2,050.00 | 810.00 | NA | NA | NA |
| - 300 Mbps 850 nm Multi-mode | 2,050.00 | 870.00 | NA | NA | NA |
| - 300 Mbps 1310 nm Single-mode | 2,050.00 | 870.00 | NA | NA | NA |
| - 450 Mbps 850 nm Multi-mode | 2,050.00 | 930.00 | NA | NA | NA |
| - 450 Mbps 1310 nm Single-mode | 2,050.00 | 930.00 | NA | NA | NA |
| - 600 Mbps 850 nm Multi-mode | 2,050.00 | 1,020.00 | NA | NA | NA |
| - 600 Mbps 1310 nm Single-mode | 2,050.00 | 1,020.00 | NA | NA | NA |

Note 1: Basic Shared Ethernet LAN Access Link interfaces are available based on equipment capability and only at Customer Nodes.

B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (FiberRing) Service (Cont'd)

B7.7.4 Rates and Charges (Cont'd)

A. Self-healing Multi-nodal Alternate Route Topology Ring (FiberRing Service) (Cont'd)

12. Basic Shared Ethernet LAN Access Link (Cont'd)

(b) Metro Ethernet Access Link Connection

| | Nonrecurring Charge | Month to Month | 24 to 48 Months | 49 to 72 Months | 73 to 96 Months |
|--|----------------------------|-----------------------|----------------------------|------------------------|------------------------|
| (1) Per Fractional 1000 Mbps Access Link - Metro Ethernet | | | | | |
| Customer Premises | | | | | |
| - 150 Mbps 850 nm Multi-mode | \$2,050.00 | \$980.00 | NA | NA | NA |
| - 150 Mbps 1310 nm Single-mode | 2,050.00 | 980.00 | NA | NA | NA |
| - 300 Mbps 850 nm Multi-mode | 2,050.00 | 1,220.00 | NA | NA | NA |
| - 300 Mbps 1310 nm Single-mode | 2,050.00 | 1,220.00 | NA | NA | NA |
| - 450 Mbps 850 nm Multi-mode | 2,050.00 | 1,310.00 | NA | NA | NA |
| - 450 Mbps 1310 nm Single-mode | 2,050.00 | 1,310.00 | NA | NA | NA |
| - 600 Mbps 850 nm Multi-mode | 2,050.00 | 1,430.00 | NA | NA | NA |
| - 600 Mbps 1310 nm Single-mode | 2,050.00 | 1,430.00 | NA | NA | NA |
| - 1000 Mbps 850 nm Multi-mode | 2,050.00 | 1,570.00 | NA | NA | NA |
| - 1000 Mbps 1310 nm Single-mode | 2,050.00 | 1,570.00 | NA | NA | NA |
| (2) Per Fractional 1000 Mbps Access Link - Metro Ethernet | | | | | |
| Central Office | | | | | |
| - 150 Mbps | 2,050.00 | 980.00 | NA | NA | NA |
| - 300 Mbps | 2,050.00 | 1,220.00 | NA | NA | NA |
| - 450 Mbps | 2,050.00 | 1,310.00 | NA | NA | NA |
| - 600 Mbps | 2,050.00 | 1,430.00 | NA | NA | NA |
| - 1000 Mbps | 2,050.00 | 1,570.00 | NA | NA | NA |
| 13. Virtual Packet Ring Rearrangement Charge | | | | | |
| | | Monthly Rate | Nonrecurring Charge | | |
| (a) Per service order associated with a rearrangement to increase or decrease a virtual packet ring subsequent to the initial setup of the virtual packet ring | | - | Initial | Subsequent | \$500.00 |

B7. DIGITAL NETWORK SERVICE

B7.9 DS1 Plus Service

B7.9.3 Rates and Charges

- A. A DS1 Plus service Local Channel is furnished between a customer's premises and the Serving Wire Center.
1. DS1 Plus service Local Channel, each

| | | Nonrecurring Charge Month to | | |
|---|--|------------------------------|--------|--------|
| | | First | Add'l | Month |
| | (a) 1.544 Mbps | 660.00 | 540.00 | 154.00 |
| B. DS1 service Interoffice Channels are furnished between Central Offices to connect DS1 Plus service Local Channels between two customer premises. | | | | |
| 1. Interoffice Channel, each channel 0-8 miles ¹ | | | | |
| | (a) Fixed Monthly Rate | - | - | - |
| | (b) Each Airline Mile, or fraction thereof | - | - | - |
| 2. Interoffice Channel, each channel 9-25 miles ¹ | | | | |
| | (a) Fixed Monthly Rate | - | - | - |
| | (b) Each Airline Mile, or fraction thereof | - | - | - |
| 3. Interoffice Channel, each channel over 25 miles ¹ | | | | |
| | (a) Fixed Monthly Rate | - | - | - |
| | (b) Each Airline Mile, or fraction thereof | - | - | - |

C. Service Rearrangements

If the change involves changing a customer's DS1 service to DS1 Plus service, the change will be considered a disconnect of the existing service and full nonrecurring charges will apply for the DS1 Plus service, as appropriate². Changes from DS1 service to DS1 Plus service will be considered an upgrade with regard to application of termination liability charges in accordance with the CSPP provisions provided in B2.4 preceding.

D. Moves

1. A move involves a change in the physical location of one of the following:
 - a. The point of interface at the customer premises.
 - b. The customer's premises.
2. The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

a. Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half the month-to-month nonrecurring charge. There will be no change in the minimum period requirements. If a move is made at the same time a service rearrangement is made, the total charge will never exceed a full nonrecurring charge for the month-to-month service.

b. To a Different Building

When the move is to a new location in Company territory within the same state, the charge for the move is equal to the sum of all nonrecurring charges applicable to a new DS1 Plus service month-to-month service arrangement at the new location.

When the move is to a new location in Company territory in a different state, the move will be treated as a discontinuance and start of service. The customer will be responsible for satisfying all outstanding minimum period charges for the discontinued service. All applicable nonrecurring charges at the new location will apply.

Note 1: Refer to B7.1.3.B for applicable nonrecurring charges and recurring rates.

Note 2: Nonrecurring charges do not apply to DS1 Plus service Local Channels provided under a contract plan.

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B7. DIGITAL NETWORK SERVICE

B7.10 DS1 Light Service (Cont'd)

B7.10.3 Rates and Charges (Cont'd)

B. Nonrecurring Charges (Cont'd)

5. Moves

a. A move involves a change in the physical location of one of the following:

- (1) the point of interface at the customer premises, or
- (2) the customer's premises.

b. The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(1) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half the nonrecurring charge. There will be no change in the minimum period requirements. If a move is made at the same time a service rearrangement is made, the total charge will never exceed a full nonrecurring charge for the month-to-month service.

(2) To a Different Building

When the move is to a new location in Company territory within the same state, the charge for the move is equal to the sum of all nonrecurring charges applicable to a new DS1 Light service month-to-month service arrangement at the new location.

When the move is to a new location in Company territory in a different state, the move will be treated as a discontinuance and start of service. The customer will be responsible for satisfying all outstanding minimum period charges for the discontinued service. All applicable nonrecurring charges at the new location will apply.

C. Rate and Charge Amounts

1. DS1 Light Service, Local Channel

| | Nonrecurring Charge | Month to Month |
|--|--------------------------------|---------------------------|
| (a) First ½ Mile | \$300.00 | \$180.00 |
| (b) Each additional ½ Mile, or fraction thereof | - | 30.00 |
| 2. Service Establishment Charge | | |
| (a) Each | 575.00 | - |
| 3. Service Change Charge, Inside Move | | |
| (a) Each | 425.00 | - |
| 4. Service Change Charge, Transfer of Responsibility | | |
| (a) Each | 50.00 | - |
| 5. Premises Visit Charge | | |
| (a) Each | 35.00 | - |

B7.11 Cross Connection Service

B7.11.1 General

- A. Physical Access Cross Connects provide a one to one dedicated transmission path between the ordering customer's tariffed service offerings or transport equipment located in the Company Central Office and the ordering customer's own physical collocation arrangement or another telecommunications carrier's (collocator's) physical collocation arrangement in the same Company Central Office.

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B8. CUSTOM NETWORK SERVICE

B8.2 Custom Network Service Arrangement I (Cont'd)

B8.2.2 Regulations (Cont'd)

A. (Cont'd)

5. Nonrecurring charges specified in B8.2.3 do not apply for the conversion of service in-place at the time the customer establishes Custom Network Service Arrangement I. Termination Liability Charges shall not apply for the conversion of in-place service that was being provided under a contractual payment period; however, no service credit will be given for the former contractual period. Requests for new service to be added to the customer's network will be subject to the nonrecurring charges specified in B8.2.3, except as follows:
 - Nonrecurring charges specified in B8.2.3 shall not apply for new digital data (DDS) service ordered during the first four months following the initial establishment of each customer's Custom Network Service Arrangement I; specifically, nonrecurring charges will not apply when the service order application date falls within this four-month period and service is to be placed within the standard installation interval.

B8.2.3 Rates and Charges

A. DDS service¹

1. Digital Local Channel, each

| | Monthly Rate | Nonrecurring Charge | |
|---------------|-----------------|------------------------|------------|
| | | First | Additional |
| (a) 2.4 Kbps | \$45.00 | \$340.00 | \$105.00 |
| (b) 4.8 Kbps | 45.00 | 340.00 | 105.00 |
| (c) 9.6 Kbps | 45.00 | 340.00 | 105.00 |
| (d) 19.2 Kbps | 45.00 | 340.00 | 105.00 |
| (e) 56.0 Kbps | 56.00 | 340.00 | 105.00 |
| (f) 64.0 Kbps | 56.00 | 340.00 | 105.00 |

2. Node Channel Termination, each

| | | | |
|---------------|-------|-------|-------|
| (a) 2.4 Kbps | 10.00 | 37.00 | 32.00 |
| (b) 4.8 Kbps | 10.00 | 37.00 | 32.00 |
| (c) 9.6 Kbps | 10.00 | 37.00 | 32.00 |
| (d) 19.2 Kbps | 10.00 | 37.00 | 32.00 |
| (e) 56.0 Kbps | 24.00 | 37.00 | 32.00 |
| (f) 64.0 Kbps | 24.00 | 37.00 | 32.00 |

3. Digital Interoffice Channel

a. Interoffice Channel

(1) Fixed rates applicable

| | Monthly Rate | Nonrecurring Charge |
|---------------------------------|-----------------|------------------------|
| (a) 2.4, 4.8, 9.6 and 19.2 Kbps | \$18.00 | \$93.00 |
| (b) 56.0 and 64.0 Kbps | 31.00 | 93.00 |

Note 1: The monthly rates shown are for the five-year payment period.

HARGRAY TELEPHONE CO., INC.
SOUTH CAROLINA
REVISED: October 17, 2013

EFFECTIVE: October 17, 2013

B8. CUSTOM NETWORK SERVICE

B8.2 Custom Network Service Arrangement I (Cont'd)

B8.2.3 Rates and Charges (Cont'd)

A. DDS service¹ (Cont'd)

- 3. Digital Interoffice Channel (Cont'd)
 - a. Interoffice Channel (Cont'd)
 - (2) Each mile or fraction thereof

| | Monthly Rate | Nonrecurring Charge |
|--|-------------------------|--------------------------------|
| (a) 2.4, 4.8, 9.6 and 19.2 Kbps | \$1.55 | - |
| (b) 56.0 and 64.0 Kbps | 3.10 | - |
| 4. MultiPoint Service/Bridging (Optional Feature) Per local or interoffice channel bridged ^{2,3} | | |
| (a) 2.4, 4.8, 9.6 and 19.2 Kbps | 10.00 | \$ 28.00 |
| (b) 56.0 Kbps | 10.00 | 28.00 |
| 5. Secondary Channel Capabilities, per local channel | | |
| (a) Each ^{2,3,4} | 10.00 | 225.00 |

B. Voice Grade Analog Service¹

- 1. Voice and Data Local Channels
Per point of termination

| | Monthly Rate | Nonrecurring Charge | |
|---|-----------------------------------|--|--------------------------------|
| | | First | Additional |
| (a) Type 2230 | \$15.85 | \$345.00 | \$115.00 |
| (b) Type 2260 | 25.50 | 415.00 | 160.00 |
| (c) Type 2432 | 42.75 | 390.00 | 145.00 |
| (d) Type 2434 | 8.00 | 165.00 | 83.00 |
| (e) Type 2435 | 38.25 | 370.00 | 130.00 |
| (f) Type 2463 | 42.50 | 415.00 | 160.00 |
| 2. Voice Grade Interoffice Channels - Series 2000 | | | |
| | Fixed Monthly Rate | Monthly Charge Per Mile | Nonrecurring Charge |
| (a) 1 thru 8 Miles | \$40.00 | \$1.65 | \$105.00 |
| (b) 9 thru 25 Miles | 40.00 | 1.65 | 105.00 |
| (c) Over 25 Miles | 40.00 | 1.65 | 105.00 |

Note 1: The monthly rates shown are for the five-year payment period.

Note 2: This option may not be available in all service locations.

Note 3: This option is not available with 64.0 Kbps.

Note 4: Nonrecurring charge is applicable only if Secondary Channel service is being added subsequent to the installation of basic service.

B8. CUSTOM NETWORK SERVICE

B8.2 Custom Network Service Arrangement I (Cont'd)

B8.2.3 Rates and Charges (Cont'd)

C. DS1 service'

1. Interoffice Channel², each channel 1-8 Miles

| | Monthly Rate | Nonrecurring Charge |
|--|-------------------------|--------------------------------|
| (a) Fixed Monthly Rate | \$65.00 | \$125.00 |
| (b) Each Airline Mile, or fraction thereof | 14.00 | - |

2. Interoffice Channel², each channel 9-25 Miles

| | Monthly Rate | Nonrecurring Charge |
|--|-------------------------|--------------------------------|
| (a) Fixed Monthly Rate | \$65.00 | \$125.00 |
| (b) Each Airline Mile, or fraction thereof | 14.00 | - |

3. Interoffice Channel², each channel over 25 Miles

| | Monthly Rate | Nonrecurring Charge |
|--|-------------------------|--------------------------------|
| (a) Fixed Monthly Rate | \$65.00 | \$125.00 |
| (b) Each Airline Mile, or fraction thereof | 14.00 | - |

Note 1: The monthly rates shown are for the five-year payment period

Note 2: Service Establishment charges from Section B7.1 apply; charges from Section B7.1 may also apply for other DS1 service rate elements.

B9. OPTICAL NETWORK SERVICE

B9.1 Wavelength Service

B9.1.1 General

- A. Wavelength service provides high volume optical transport capabilities utilizing point-to-point and dedicated ring topologies. Wavelength service is available in two (2) different service arrangements, i.e., a Basic Arrangement and a Dedicated Ring Arrangement. These service arrangements provide various transparent transport and bit rate specific wavelength channel service capabilities to support customer needs for broadband connectivity.
- B. The Wavelength service Basic Arrangement provides dedicated bandwidth over shared facilities in point-to-point service configurations. The Wavelength service Basic Arrangement provides the capability for customers to subscribe to individual transparent transport and bit rate specific Wavelength Channels, as identified in D. following, between two customer premises or between a customer premises and the primary serving Central Office of the customer premises. The Wavelength service Basic Arrangement between two customer premises locations will be routed through a Telephone Company Central Office for purposes of alarming and monitoring the service.

Wavelength service Basic Arrangement is available with Unprotected Wavelength Channels. Wavelength service Basic Arrangement Unprotected Wavelength Channels may be configured in a Client Protection arrangement or with Channel Network Protection. With Client Protection, two (2) Unprotected Wavelength Channels interconnect with a customer's equipment to provide a level of protection for a customer's service. Customer provided equipment shall provide required switching between wavelength channels in a Client Protection arrangement. With Channel Network Protection, two (2) Unprotected Basic Arrangement Wavelength Channels are utilized in conjunction with Telephone Company equipment at a customer's premises to provide a level of survivability for a customer's service in case of a failure associated with one of the two (2) Unprotected Wavelength Channels.

- C. The Wavelength service Dedicated Ring Arrangement provides dedicated bandwidth over dedicated facilities in a ring topology service configuration. A Wavelength service Dedicated Ring Arrangement provides the capability for customers to activate wavelength channels between Service Node locations on the ring. A Service Node location is a location where equipment is located that provides customers add/drop connectivity to a Wavelength service Dedicated Ring Arrangement via Primary System and Expansion System service components. These service components are considered ring level and contain the fiber transport associated with the service. A minimum of two (2) Service Node locations is required for a Wavelength service Dedicated Ring Arrangement. This minimum configuration may be Service Nodes at either a customer-designated premises and a telephone company serving wire center, at two (2) telephone company serving wire centers or at two (2) customer-designated premises. Additional Service Node locations at customer-designated premises and/or at telephone company serving wire centers may be established, up to the limitation of the service. Wavelength service Dedicated Ring Arrangement Wavelength Channels are available for the activation of wavelengths between Service Node locations.

For Wavelength Service Dedicated Ring Arrangements with Service Node locations only at customer designated premises, a Monitoring Node may be required at a Telephone Company Central Office in order to assure proper operation of a customer's service and provide alarming/monitoring capability. A Monitoring Node does not contain the capability to add or drop services and will be provided at no additional charge to the customer. A Monitoring Node will appear on a customer's records as a non-rated USOC, as follows:

Monitoring Node, non-rated

Wavelength service Dedicated Ring Arrangements are available with Single Bay or Dual Bay service capabilities. The Single Bay arrangement allows the customer to activate up to 16 wavelengths between adjacent Service Node locations and a Dual Bay arrangement allow the customer to activate up to 32 wavelengths between adjacent Service Node locations. Both service configurations have Primary System and Expansion System service components that apply on a per physical bay basis. Single Bay service components are a Primary System - Single Bay and Expansion System - Single Bay. Dual Bay service components are a Primary System - Dual Bay and Expansion System - Dual Bay. Customers with a Single Bay arrangement whose wavelength requirement exceeds the capacity of his existing arrangement may add an additional separate Single Bay service arrangement or upgrade to a Dual Bay arrangement. For customer upgrades involving conversion of a Single Bay to a Dual Bay service arrangement, the conversion will result in a service outage of the customers Single Bay arrangement (outage credits will not apply for this conversion).

Wavelength service Dedicated Ring Arrangements are available with Unprotected or with Optical Network Protected Wavelength Channels. Unprotected Wavelength service Wavelength Channels for Dedicated Ring Arrangements may be configured with Client Protection. With Client Protection, two (2) Unprotected Wavelength Channels interconnect with a customer's equipment to provide a level of protection for a customer's service. Customer provided equipment shall provide required switching between wavelength channels in a Client Protection arrangement. With Optical Network Protected Wavelength Channels, two (2) wavelength channels are utilized in conjunction with Telephone Company equipment to provide a level of survivability for a customer's service in case of a failure associated with one of

B9. OPTICAL NETWORK SERVICE

B9.1 Wavelength Service (Cont'd)

B9.1.3 Rates and Charges

A. Wavelength service Basic Arrangement

1. Wavelength Local Channel

| | Nonrecurring Charge | Month to Month | 24 to 48 Months | 49 to 72 Months | 73 to 96 Months |
|--|---------------------|----------------|-----------------|-----------------|-----------------|
| (a) Per 1.25 Gbps Transparent Transport Unprotected | \$1,000.00 | \$2,085.00 | \$1,605.00 | \$1,395.00 | \$1,215.00 |
| (b) Per 2.5 Gbps Transparent Transport Unprotected | 1,000.00 | 3,570.00 | 2,975.00 | 2,590.00 | 2,250.00 |
| (c) Per OC-3 Wavelength Transport Unprotected | 1,000.00 | 1,645.00 | 1,265.00 | 1,098.00 | 955.00 |
| (d) Per OC-12 Wavelength Transport Unprotected | 1,000.00 | 2,085.00 | 1,605.00 | 1,395.00 | 1,215.00 |
| (e) Per OC-48 Wavelength Transport Unprotected | 1,000.00 | 3,570.00 | 2,975.00 | 2,590.00 | 2,250.00 |
| (f) Per OC-192 Wavelength Transport Unprotected | 1,500.00 | 7,495.00 | 6,250.00 | 5,430.00 | 4,725.00 |
| (g) Per 10 Gbps WAN Wavelength Transport Unprotected | 1,500.00 | 7,495.00 | 6,250.00 | 5,430.00 | 4,725.00 |

2. Wavelength Interoffice Channel

| | | | | | |
|---|----------|----------|----------|----------|----------|
| (a) Per 1.25 Gbps Transparent Transport Unprotected | 1,000.00 | 4,390.00 | 3,375.00 | 2,934.00 | 2,550.00 |
| (b) Per 2.5 Gbps Transparent Transport Unprotected | 1,000.00 | 4,660.00 | 4,050.00 | 3,520.00 | 3,060.00 |
| (c) Per OC-3 Wavelength Transport Unprotected | 1,000.00 | 3,380.00 | 2,600.00 | 2,260.00 | 1,965.00 |
| (d) Per OC-12 Wavelength Transport Unprotected | 1,000.00 | 4,390.00 | 3,375.00 | 2,934.00 | 2,550.00 |
| (e) Per OC-48 Wavelength Transport Unprotected | 1,000.00 | 4,660.00 | 4,050.00 | 3,520.00 | 3,060.00 |
| (f) Per OC-192 Wavelength Transport Unprotected | 1,500.00 | 6,060.00 | 5,270.00 | 4,580.00 | 3,980.00 |
| (g) Per 10 Gbps WAN Wavelength Transport Unprotected | 1,500.00 | 6,060.00 | 5,270.00 | 4,580.00 | 3,980.00 |
| (h) Per Gigabit Ethernet at 1 Gbps Wavelength Transport Unprotected | 1,000.00 | 3,470.00 | 2,670.00 | 2,345.00 | 2,040.00 |

3. Channel Network Protection¹

| | | | | | |
|------------------------------|--------|--------|--------|--------|--------|
| (a) Per Primary Wavelength | 300.00 | 535.00 | 355.00 | 285.00 | 250.00 |
| (b) Per Secondary Wavelength | 300.00 | 535.00 | 355.00 | 285.00 | 250.00 |

Note 1: Channel Network Protection Primary Wavelength and Secondary Wavelength service components apply per Wavelength service Basic Arrangement Wavelength Local Channel, per customer premises configured with Channel Network Protection.

B9. OPTICAL NETWORK SERVICE

B9.1 Wavelength Service (Cont'd)

B9.1.3 Rates and Charges (Cont'd)

B. Wavelength service Dedicated Ring Arrangement

1. Primary System

| | | Nonrecurring Charge | Month to Month | 24 to 48 Months | 49 to 72 Months | 73 to 96 Months |
|------------------------------|---|----------------------------|-----------------------|------------------------|------------------------|------------------------|
| | (a) Per Primary System - Single Bay ¹ | \$2,000.00 | \$7,180.00 | \$5,525.00 | \$4,695.00 | \$3,990.00 |
| | (b) Per Primary System - Dual Bay ¹ | 3,000.00 | 3,775.00 | 2,905.00 | 2,525.00 | 2,195.00 |
| 2. Expansion System | | | | | | |
| | (a) Per Expansion System - Single Bay ¹ | 1,500.00 | 2,795.00 | 2,150.00 | 1,870.00 | 1,625.00 |
| | (b) Per Expansion System - Dual Bay ¹ | 2,000.00 | 1,365.00 | 1,050.00 | 910.00 | 790.00 |
| 3. Wavelength Channel | | | | | | |
| | (a) Per 1.25 Gbps Transparent Transport Unprotected | 2,000.00 | 3,480.00 | 2,675.00 | 2,325.00 | 2,000.00 |
| | (b) Per 2.5 Gbps Transparent Transport Unprotected | 2,500.00 | 6,210.00 | 4,775.00 | 4,150.00 | 3,610.00 |
| | (c) Per 10 Gbps WAN Wavelength Transport Unprotected | 3,000.00 | 11,690.00 | 8,990.00 | 7,820.00 | 6,800.00 |
| | (d) Per 10 Gbps LAN Wavelength Transport Unprotected | 3,000.00 | 11,690.00 | 8,990.00 | 7,820.00 | 6,800.00 |
| | (e) Per OC-3 Wavelength Transport Unprotected | 2,000.00 | 3,035.00 | 2,020.00 | 1,760.00 | 1,530.00 |
| | (f) Per OC-12 Wavelength Transport Unprotected | 2,000.00 | 3,480.00 | 2,675.00 | 2,325.00 | 2,000.00 |
| | (g) Per OC-48 Wavelength Transport Unprotected | 2,500.00 | 6,210.00 | 4,775.00 | 4,150.00 | 3,610.00 |
| | (h) Per OC-192 Wavelength Transport Unprotected | 3,000.00 | 11,690.00 | 8,990.00 | 7,820.00 | 6,800.00 |
| | (i) Per Gigabit Ethernet at 1 Gbps Wavelength Transport Unprotected | 2,000.00 | 3,115.00 | 2,395.00 | 2,085.00 | 1,800.00 |
| | (j) Per Fiber Channel 100 Wavelength Transport Unprotected | 2,000.00 | 3,115.00 | 2,395.00 | 2,085.00 | 1,800.00 |
| | (k) Per Fiber Channel 200 Wavelength Transport Unprotected | 2,500.00 | 5,590.00 | 4,300.00 | 3,740.00 | 3,250.00 |
| | (l) Per Fast Ethernet at 100 Mbps Wavelength Transport Unprotected | 2,000.00 | 1,695.00 | 1,305.00 | 1,135.00 | 990.00 |
| | (m) Per Fiber Connection Channel Wavelength Transport Unprotected | 2,000.00 | 3,115.00 | 2,395.00 | 2,085.00 | 1,800.00 |
| | (n) Per Fiber Connection Express Channel Wavelength Transport Unprotected | 2,500.00 | 5,590.00 | 4,300.00 | 3,740.00 | 3,250.00 |
| | (o) Per Enterprise System Connection - SBCON Channel Wavelength Transport Unprotected | 2,000.00 | 1,760.00 | 1,355.00 | 1,175.00 | 1,025.00 |

Note 1: See B9.1.2C and B9.1.2D preceding for the rate application per Service Node location on a Wavelength service Dedicated Ring Arrangement.

B9. OPTICAL NETWORK SERVICE

B9.1 Wavelength Service (Cont'd)

B9.1.3 Rates and Charges (Cont'd)

B. Wavelength service Dedicated Ring Arrangement (Cont'd)

3. Wavelength Channel (Cont'd)

| | Nonrecurring Charge | Month to Month | 24 to 48 Months | 49 to 72 Months | 73 to 96 Months |
|---|---------------------|----------------|-----------------|-----------------|-----------------|
| (p) Per 1.25 Gbps Transparent Transport Optical Network Protected ¹ | \$2,000.00 | \$5,916.00 | \$4,548.00 | \$3,953.00 | \$3,400.00 |
| (q) Per 2.5 Gbps Transparent Transport Optical Network Protected ¹ | 2,500.00 | 10,557.00 | 8,118.00 | 7,055.00 | 6,137.00 |
| (r) Per 10 Gbps WAN Wavelength Transport Optical Network Protected ¹ | 3,000.00 | 19,873.00 | 15,283.00 | 13,294.00 | 11,560.00 |
| (s) Per 10 Gbps LAN Wavelength Transport Optical Network Protected ¹ | 3,000.00 | 19,873.00 | 15,283.00 | 13,294.00 | 11,560.00 |
| (t) Per OC-3 Wavelength Transport Optical Network Protected ¹ | 2,000.00 | 5,160.00 | 3,434.00 | 2,992.00 | 2,601.00 |
| (u) Per OC-12 Wavelength Transport Optical Network Protected ¹ | 2,000.00 | 5,916.00 | 4,548.00 | 3,953.00 | 3,400.00 |
| (v) Per OC-48 Wavelength Transport Optical Network Protected ¹ | 2,500.00 | 10,557.00 | 8,118.00 | 7,055.00 | 6,137.00 |
| (w) Per OC-192 Wavelength Transport Optical Network Protected ¹ | 3,000.00 | 19,873.00 | 15,283.00 | 13,294.00 | 11,560.00 |
| (x) Per Gigabit Ethernet at 1 Gbps Wavelength Transport Optical Network Protected ¹ | 2,000.00 | 5,296.00 | 4,072.00 | 3,545.00 | 3,060.00 |
| (y) Per Fiber Channel 100 Wavelength Transport Optical Network Protected ¹ | 2,000.00 | 5,296.00 | 4,072.00 | 3,545.00 | 3,060.00 |
| (z) Per Fiber Channel 200 Wavelength Transport Optical Network Protected ¹ | 2,500.00 | 9,503.00 | 7,310.00 | 6,358.00 | 5,525.00 |
| (aa) Per Fast Ethernet at 100 Mbps Wavelength Transport Optical Network Protected ¹ | 2,000.00 | 2,882.00 | 2,219.00 | 1,930.00 | 1,683.00 |
| (ab) Per Fiber Connection Channel Wavelength Transport Optical Network Protected ¹ | 2,000.00 | 5,296.00 | 4,072.00 | 3,545.00 | 3,060.00 |
| (ac) Per Fiber Connection Express Channel Wavelength Transport Optical Network Protected ¹ | 2,500.00 | 9,503.00 | 7,310.00 | 6,358.00 | 5,525.00 |
| (ad) Per Enterprise System Connection - SBCON Channel Wavelength Transport Optical Network Protected ¹ | 2,000.00 | 2,992.00 | 2,304.00 | 1,998.00 | 1,743.00 |

4. Amplification

| | | | | | |
|---|----------|----------|----------|----------|----------|
| (a) Optical Signal Amplification Node, Per Node | 2,000.00 | 3,440.00 | 2,645.00 | 2,300.00 | 2,000.00 |
|---|----------|----------|----------|----------|----------|

C. Wavelength service Client Protection Rearrangement Charge

| | | | | | |
|---|----------|---|---|---|---|
| (a) Client Protection Rearrangement Charge Subsequent to initial installation | 1,500.00 | - | - | - | - |
|---|----------|---|---|---|---|

Note 1: Optical Network Protected Wavelength Channels are available for transport between two (2) customer premise Service Node locations on a Dedicated Ring Arrangement or for transport between a customer premise Service Node location and a telephone company serving wire center Service Node where they may connect to another Wavelength service Dedicated Ring Arrangement or to Company Wavelength service Basic Arrangement Unprotected wavelength channels that are not configured with Channel Network Protection.