

**TARIFF DISTRIBUTION**

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TYPE OF DISTRIBUTION: Approved

PURPOSE: Increase Business Analog Private Line (APL)  
MEGALINK and SynchroNet (DS0) Rates

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**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS**

**B103.12 Rates and Charges**

**B103.12.1 Local Channels**

A. Sub Voice Grade (Obsoleted, See B103.3)

		Monthly Rate	Nonrecurring Charge First Additional		USOC
<b>B.</b>	Voice Grade				
	Per point of termination				
1.	Voice				
	(a) Type 2230	\$5,059.00 (I)	\$496.80	\$165.60	P2JUX
	(b) Type 2231	5,059.00 (I)	496.80	165.60	P2JHX
	(c) Type 2432	7,597.00 (I)	561.60	208.80	P2JQX
	(d) Type 2434	1,572.00 (I)	237.60	119.52	P2JGX
	(e) Type 2435	7,597.00 (I)	532.80	187.20	P2JWX
	(f) Type 2261	5,884.00 (I)	835.20	352.80	P2JLX
	(g) Type 2462	7,006.00 (I)	813.60	338.40	P2JRX
2.	Data				
	(a) Type 2260	5,884.00 (I)	597.60	230.40	P2JKX
	(b) Type 2463	8,024.00 (I)	597.60	230.40	P2JMX
	(c) Type 2464	8,024.00 (I)	590.40	223.20	P2JNX

**B103.12.2 Non-Wire Center Connected Channels (Obsoleted, See Section B103.3)**

**B103.12.3 Interoffice Channels<sup>1</sup>**

		Fixed Monthly Rate	Monthly Rate Per Mile	Nonrecurring Charge	USOC
<b>A.</b>	Fixed and Mileage Charges applicable, per channel				
1.	Sub Voice Grade - Series 1000 (Obsoleted, See Section B103.3)				
2.	Voice Grade Service - Series 2000				
	(a) 1 thru 8 Miles	\$7,306.00 (I)	\$548.00 (I)	\$151.20	3LBBS
	(b) 9 thru 25 Miles	7,306.00 (I)	548.00 (I)	151.20	3LBBS
	(c) Over 25 Miles	7,306.00 (I)	548.00 (I)	151.20	3LBBS

**Note 1:** For method of determining mileage, see B103.11.3.A.

**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS**

**B103.12 Rates and Charges (Cont'd)**

**B103.12.4 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.

	<b>Nonrecurring Charge</b>	<b>Monthly Rate</b>	<b>USOC</b>
1. Voice Grade Bridges (Series 2000)			
a. Voice Bridging			
(1) Per Port			
(a) Two-Wire (Type 2230)	<b>\$56.16</b>	<b>\$1,925.00 (I)</b>	<b>BQ9</b>
(b) Four-Wire (Type 2435)	<b>56.16</b>	<b>2,515.00 (I)</b>	<b>BQ9</b>
b. Data Bridging			
(1) Per Port			
(a) Four-Wire (Types 2463 and 2464)	<b>61.92</b>	<b>3,632.00 (I)</b>	<b>BQ9</b>
c. Telemetry and Alarm Bridging - Split Band, Active Bridging			
(1) Common Equipment, per central office			
(a) First bridging shelf, capacity of 48 two-wire connections	<b>365.00</b>	<b>7,258.00 (I)</b>	<b>XW1</b>
(b) Additional bridging shelf, capacity of 56 two-wire connections installed subsequent to the first bridging shelf	<b>330.00</b>	<b>7,258.00 (I)</b>	<b>XW2</b>
(c) Additional bridging shelf, capacity of 56 two-wire connections installed at the same time as the first bridging shelf	<b>205.00</b>	<b>3,673.00 (I)</b>	<b>XW8</b>
(2) Channel connections, per channel connected			
(a) Remote station channel connection	<b>40.00</b>	<b>284.00 (I)</b>	<b>XW3</b>
(b) Mid-link channel connection, first channel	<b>47.00</b>	<b>720.00 (I)</b>	<b>XW4</b>
(c) Mid-link channel connection, subsequent channels	<b>47.00</b>	<b>720.00 (I)</b>	<b>XW5</b>

**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

	<b>Monthly Rate</b>	<b>Nonrecurring Charge</b>		<b>USOC</b>
		<b>Initial</b>	<b>Subsequent</b>	
(a) Ringdown - Manual	<b>\$1,171.00 (I)</b>	<b>\$60.48</b>	<b>\$309.60</b>	<b>SL3</b>
(b) Ringdown - Automatic	<b>1,073.00 (I)</b>	<b>21.60</b>	<b>106.56</b>	<b>SL5</b>
(c) E & M Type	<b>1,073.00 (I)</b>	<b>61.92</b>	<b>273.60</b>	<b>SLM</b>
(d) Type A (0-199 ohms)	<b>633.00 (I)</b>	<b>60.48</b>	<b>201.60</b>	<b>SAL</b>
(e) Type B (200-899 ohms)	<b>633.00 (I)</b>	<b>59.04</b>	<b>201.60</b>	<b>SAU</b>
(f) Type C (900 or more ohms)	<b>284.00 (I)</b>	<b>15.84</b>	<b>201.60</b>	<b>SAY</b>

**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS**

**B103.12 Rates and Charges (Cont'd)**

**B103.12.4 Optional Features and Functions (Cont'd)**

**C. Conditioning (Voice Grade Services)**

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

Conditioning is charged for on a per Local Channel basis for two-point and multi-point service. For two-point services the parameters apply to each service. For 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.	1000-2400 Hz, less than 1000 microseconds	
C2 (two-point or multipoint)	300-3000 Hz, -3dB to +12dB. 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	
	<b>C-Notched Noise</b>	<b>Non-Linear Distortion</b>	
D1 (two-point)	Noise level 28dB below signal level	<b>2nd Order Distortion</b>	<b>3rd Order Distortion</b>
		35dB below signal level	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.

	Monthly Rate	Nonrecurring Charge		USOC
		Initial	Subsequent	
(1) C-Types of Conditioning per local channel				
(a) C1-Type	<b>\$284.00 (I)</b>	<b>\$14.40</b>	<b>\$122.40</b>	<b>P2W</b>
(b) C2-Type	<b>284.00 (I)</b>	<b>31.68</b>	<b>135.36</b>	<b>P3W</b>

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	<b>284.00 (I)</b>	<b>21.60</b>	<b>128.16</b>	<b>QHA</b>
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**B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE**

**B107.2 SynchroNet Service (Cont'd)**

**B107.2.3 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			Nonrecurring Charge		USOC
		to Month	24 to 42 <sup>2,3</sup> Months	43 to 60 <sup>2,3</sup> Months	First	Add'l	
(a)	2.4 Kbps	\$5,971.00 (I)	\$49.00	\$47.00	\$340.00	\$105.00	1RSD2
(b)	4.8 Kbps	5,971.00 (I)	49.00	47.00	340.00	105.00	1RSD4
(c)	9.6 Kbps	5,971.00 (I)	49.00	47.00	340.00	105.00	1RSD9
(d)	19.2 Kbps	5,971.00 (I)	49.00	47.00	340.00	105.00	1RSD3
(e)	56.0 Kbps	8,646.00 (I)	65.00	60.00	340.00	105.00	1RSD5
(f)	64.0 Kbps	8,646.00 (I)	65.00	60.00	340.00	105.00	1RSD6

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

		Month			Nonrecurring Charge		USOC
		To Month	24 to 42 <sup>2,3</sup> Months	43 to 60 <sup>2,3</sup> Months	First	Add'l	
(a)	2.4 Kbps	\$1,377.00 (I)	\$11.75	\$11.50	\$37.00	\$32.00	2UN24
(b)	4.8 Kbps	1,377.00 (I)	11.75	11.50	37.00	32.00	2UN48
(c)	9.6 Kbps	1,377.00 (I)	11.75	11.50	37.00	32.00	2UN96
(d)	19.2 Kbps	1,377.00 (I)	11.75	11.50	37.00	32.00	2UN19
(e)	56.0 Kbps	3,840.00 (I)	28.00	26.00	37.00	32.00	2UN56
(f)	64.0 Kbps	3,840.00 (I)	28.00	26.00	37.00	32.00	2UN64

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.<sup>1</sup>

a. Interoffice Channel, each channel 0-8 miles

		Month			Nonrecurring Charge	USOC
		to Month	24 to 42 <sup>2,3</sup> Months	43 to 60 <sup>2,3</sup> Months		
(1)	Fixed rates applicable					
(a)	2.4, 4.8, 9.6 and 19.2 Kbps	\$2,579.00 (I)	\$19.50	\$19.00	\$93.00	3LBAA
(b)	56.0 and 64.0 Kbps	5,228.00 (I)	36.00	34.00	93.00	3LBAA
(2)	Each mile or fraction thereof					
(a)	2.4, 4.8, 9.6 and 19.2 Kbps	206.00 (I)	1.90	1.75	-	3LBBA
(b)	56.0 and 64.0 Kbps	479.00 (I)	3.80	3.10	-	3LBBA

**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:** As of October 1, 2013, payment periods greater than 36 months are no longer available for new or renewing subscribers.

**Note 3:** Effective December 31, 2013, customers may not establish new term plans of any length for SynchroNet Service, and existing term plans may not be renewed. For new service, or for existing service after any term plan expires, service will be provided only on a month-to-month basis.

**B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE**

**B107.2 SynchroNet Service (Cont'd)**

**B107.2.3 Rates and Charges (Cont'd)**

- A. Service wholly within the same LATA. (Cont'd)
- 3. (Cont'd)<sup>1</sup>

	Month To Month	24 to 42 <sup>5,6</sup> Months	43 to 60 <sup>5,6</sup> Months	Nonrecurring Charge	USOC
b. Interoffice Channel, each 9-25 miles					
(1) Fixed rates applicable					
(a) 2.4, 4.8, 9.6 and 19.2 Kbps	\$2,579.00 (I)	\$19.50	\$19.00	\$93.00	3LBCA
(b) 56.0 and 64.0 Kbps	5,228.00 (I)	36.00	34.00	93.00	3LBCA
(2) Each mile or fraction thereof					
(a) 2.4, 4.8, 9.6 and 19.2 Kbps	206.00 (I)	1.85	1.70	-	3LBDA
(b) 56.0 and 64.0 Kbps	479.00 (I)	3.70	3.00	-	3LBDA
c. Interoffice Channel, each channel over 25 miles					
(1) Fixed rates applicable					
(a) 2.4, 4.8, 9.6 and 19.2 Kbps	\$2,579.00 (I)	19.50	19.00	93.00	3LBEA
(b) 56.0 and 64.0 Kbps	5,228.00 (I)	36.00	34.00	93.00	3LBEA
(2) Each mile or fraction thereof					
(a) 2.4, 4.8, 9.6 and 19.2 Kbps	206.00 (I)	1.80	1.65	-	3LBFA
(b) 56.0 and 64.0 Kbps	479.00 (I)	3.60	2.90	-	3LBFA

**B. Service Options**

- 1. Multipoint Service, per local or interoffice channel bridged<sup>2,3</sup>
  - (a) 2.4, 4.8, 9.6 or 19.2 Kbps 33.00    24.00    26.00    28.00    6BN
  - (b) 56.0 Kbps 33.00    24.00    26.00    28.00    6BN
- 2. Secondary Channel Capabilities, per local channel
  - (a) Each<sup>2,3,4</sup> 19.80    14.00    13.00    225.00    SFS
- 3. Speed Change Charge, per local channel

	Nonrecurring Charge		USOC
	First	Additional	
(a) Each <sup>7</sup>	\$188.50	\$68.50	SCH

- 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:** As of October 1, 2013, payment periods greater than 36 months are no longer available for new or renewing subscribers.
- Note 6:** Effective December 31, 2013, customers may not establish new term plans of any length for SynchroNet Service, and existing term plans may not be renewed. For new service, or for existing service after any term plan expires, service will be provided only on a month-to-month basis.
- Note 7:** Speed Change Charge is applicable where circuit out of service time during speed change activity is acceptable to customer.