

COMPETITIVE LOCAL CARRIER

3. Special Access Service

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3.1 General

Special Access Service consists of any of the services offered hereunder, either individually or in combination. The Company offers each service separately.

3.2 Transmission Service

3.2.1 The Company offers Transmission Service via its facilities for the transmission of one-way and two-way communications.

3.2.2 The Company furnishes its digital channels over its network for full-duplex transmission of digital signals at operating speeds as follows:

- 2.4 Kbps
- 4.8 Kbps
- 9.6 Kbps
- 19.2 Kbps
- 56.0 Kbps
- 64.0 Kbps (DS-0)
- 1.544 Kbps (DS-1)
- 44.736 Mbps (DS-3)

The rates for the above operating speeds are described in the Rate Schedules. AT the Company's option, it may offer digital channels at speeds other than those listed above on an Individual Case Basis ("ICB").

3.2.3 Digital channels furnished by the Company at 1.544 Mbps are interconnections to such channels and equipment interfacing to such channels which shall meet the following characteristics:

- Line Rate: 1.544 Mbps + 130 ppm
- Line Code 1: Bipolar (Alternate Mark) Inversion
- Line Code 2: Bipolar 8 zero substitution (B8ZS)
- Line Impedance: 100 ohms + 5% balanced
- Jitter: The multiplexer will add not more than 0.3 time slot of rms jitter to a DS-1 signal when looped at the DS-3 point.

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3. Special Access Service – (Cont’d)

3.2 Transmission Service – (Cont’d)

3.2.4 Digital channels furnished by the Company at 44.736 Mbps are interconnections to such channels and equipment interfacing to such channels which shall meet the following technical characteristics.

Line Rate: 44.736 Mbps + 20 ppm
Line Code 1: Bipolar with three-zero substitution (B3ZS)
Line Impedance: 75 ohms (plus or minus) 5 percent unbalanced

3.2.5 Three elements comprise the Transmission Service rates, depending upon the specific service requested and its location:

- (A) The channel termination rate element provides for the termination of the communications path at the Customer designated location at which a channel is terminated.
- (B) The channel mileage rate element is determined by the vertical and horizontal coordinates (“V&H”) method as set forth on the National Exchange Carrier Association (NECA) Tariff, FCC NO. 4. When the calculation results in a fraction of a mile, the total is rounded up to the next whole mile before applying the rate.
- (C) Optional features apply for multiplexing.

3.2.6 Voice Grade Service consists of two types of dedicated voice grade services; one is compatible with 2-wire ground start and loop start equipment and the other with 4-wire E/M signaling equipment. 4-wire supports analog data transmission speeds of up to 19.2 Kbps. The rates for voice grade channels are as follows:

	<u>Monthly</u> <u>Rate</u>	<u>Non-recurring</u> <u>Charge</u>	
		<u>1st</u>	<u>Addl</u>
Channel Termination, Per point of termination			
- 2-wire voice/analog data	\$31.67	\$565.13	\$497.81
- 4-wire voice/analog data	40.20	565.13	497.81
Channel Mileage			
- fixed	23.71		
- per mile	2.06		

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3. Special Access Service – (Cont'd)

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3.2 Transmission Service – (Cont'd)

3.2.7 Digital Data Service provides DS-O capacity on a dedicated access basis at transmission rates of 2.4, 4.8, 9.6, 19.2, 56 and 64Kbps.

	Monthly Rate
Channel Termination	
Per point of termination	
2.4 Kbps	ICB
4.8 Kbps	ICB
9.6 Kbps	ICB
19.2 Kbps	ICB
56.0 Kbps	ICB
64.0 Kbps	ICB
Subsequent, same location	
2.4 Kbps	ICB
4.8 Kbps	ICB
9.6 Kbps	ICB
19.2 Kbps	ICB
56.0 Kbps	ICB
64.0 Kbps	ICB

3.2.8 Fractional T-1 Service is an unchannelized DS-1, available at intermediate Bit rates in increments of either 56 Kbps or 64 Kbps, (e.g., 128 Kbps, 256 Kbps, 384 Kbps, 512 Kbps, or 768 Kbps), tailored to meet individual customer requirements.

	Monthly <u>Rate</u>	Non-recurring <u>Charge</u>
Channel Termination,		
- per point of termination	ICB	ICB
- subsequent, same location	ICB	ICB
Channel Mileage		
- fixed	ICB	
- per mile	ICB	

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3. Special Access Service – (Cont'd)

3.2 Transmission Service – (Cont'd)

3.2.9 DS-1 Service is a dedicated digital transmission facility of 1.544 Mbps with a capacity of up to 24 analog or digital Channels. This service supports voice, analog data, digital data, and video.

	<u>Monthly Rate</u>	<u>Non-recurring Charge</u>
Channel Termination,		
- per point of termination	\$165.94	\$600.69
- subsequent, same location	ICB	600.69
Channel Mileage		
- fixed	118.53	
- per mile	7.59	
Optional Features		
- multiplexing DS-1 to Voice	308.17	
-multiplexing DS-1 to Digital	ICB	

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3. Special Access Service – (Cont'd)

3.2 Transmission Service – (Cont'd)

3.2.10 DS-3 Service is a dedicated digital transmission facility of 44.736 Mbps with a capacity of 28 DS-1 Channels or 672 Voice, Analog Data or Digital Data Channels.

	<u>Monthly Rate</u>	<u>Non-recurring Charge</u>	
		<u>1st</u>	<u>Addl</u>
Channel Termination,			
- per point of termination	\$2,560.17	\$2,370.53	N/A
- subsequent, same location	ICB		ICB
Channel Mileage			
- fixed	789.86		ICB
- per mile	62.58		ICB
Optional Features			
- multiplexing DS-1 to DS3	379.28	379.28	284.46

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3. Special Access Service – (Cont'd)

3.2 Transmission Service – (Cont'd)

3.2.11 When the Customer reports trouble to the Company for clearance and no trouble is found in the Company facilities, the Customer may be responsible for payment of a service call charge calculated from the time Company personnel are dispatched to the Customer Premise until the work is complete.

Service Call Charge Rates
Per hour rate,
per technician ICB

3.2.12 The Company may furnish a facility and/or service at rates different from those specified by the Company's tariff. When the Company furnishes a facility or service for which a rate or charge is not specified in the Company's Tariffs, charges will be determined on an Individual Case Basis. Specialized rates or charges will be made available to similarly situated customers on a nondiscriminatory basis and will be provided subject to any applicable CPUC rules.

3.2.13 The Company will determine rates and charges for special construction on an Individual Case Basis, based, in part, upon the costs incurred by the Company and may include (a) non-recurring type charges, (b) recurring type charges, (c) termination liabilities, or (c) combinations thereof.

To the extent that there is no other use requirement, the Customer may incur a termination liability for facilities specially constructed facilities.

The Company will calculate termination liability based on the initial service term for specially constructed facilities.

The amount of the maximum termination liability is equal to the rates and charges established pursuant to Section 1.2.2(M)1.

The applicable termination liability charge is based on the normal method for calculating the unpaid balance of a term obligation. The amount of this charge is obtained by multiplying the sum of the amounts determined as set forth in Section 1.2.2(M)1 above by a factor related to the unexpired contingencies. This product is then adjusted to reflect applicable taxes.

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