

T. PRIVATE LINE SERVICE

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GENERAL SUBSCRIBER SERVICES TARIFF

Pembroke Telephone Company, Inc.

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Original Sheet 1

T. PRIVATE LINE SERVICE

T.1 General

T.1.1 Private line telephone service is the provision of requisite facilities, including channels and station equipment having no connection with a central office, to enable a customer to communicate orally between specified locations. All facilities required for this service are furnished by the Telephone Company on a full period basis only.

T.1.2 The service equipment and channels provided under this section are not furnished for the commercial transmission of communications between exchanges nor for the use in competition with any form of service rendered by the Telephone Company or its connecting companies.

T.1.3 The rates specified herein are applicable where facilities are available and when standard transmission can be obtained without the use of special equipment. If, for operating reasons, special equipment is required to render satisfactory service, such special equipment shall be charged for in addition to the applicable charges for standard equipment.

T.1.3.1 For the initial one-half mile of current or fraction thereof, circuit measurement, per month: \$6.00

T.1.3.2 For each additional one-quarter mile of circuit or fraction thereof, circuit measurement, per month: \$0.75

T.1.3.3 For each additional telephone instrument, per month: \$1.50

T.1.3.4 Nonrecurring installation charge per station connected to a private line: \$7.50

T.2 Program Transmission Channels and Special Circuits

T.2.1 General

T.2.1.1 The service and channels provided under this section are not furnished for the commercial transmission of communications between exchanges nor for the use in competition with any service rendered by the Telephone Company of its connecting companies.

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Pembroke Telephone Company, Inc.

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T. PRIVATE LINE SERVICE

T.2 Program Transmission Channels and Special Circuits (Cont'd)

T.2.1 General (Cont'd)

T.2.1.2 Provision of all service described herein is subject to the availability of facilities and limitations in operating characteristics of the equipment.

T.2.2 Program Transmission Channels

T.2.2.1 Channels for the audio portion of radio and television program transmission will be provided where warranted by special conditions and where the necessary facilities are available.

T.2.2.2 Where additional facilities are required or where such facilities are desired at hours requiring additional expense for supervision and labor, such additional costs will be charged to the contracting parties requesting the facilities.

T.2.2.3 If the use to which the channels are put requires that they be equalized or balanced, the initial equalizing or balancing and subsequent adjustments shall be done by the customer, or, if done by the Telephone Company, the cost thereof will be borne by the customer.

T.2.2.4 The following charges for program transmission channels will apply:

		<u>Per Month</u>	<u>One Week or Less</u>
A.	First quarter mile or fraction thereof, circuit measurement:	\$3.50	\$1.75
B.	Each additional quarter mile or fraction	\$1.25	\$0.625
C.	A nonrecurring installation charge of \$10.00 will apply to each program transmission channel.		

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T. PRIVATE LINE SERVICE

T.2 Program Transmission channels and Special Circuits (Cont'd)

T.2.3 Special Circuits

T.2.3.1 Local loops furnished in connection with interexchange facilities for telegraph and teletypewriter exchange service will be provided within the base rate area where facilities are available at the filed business individual line rate for the exchange from which service is furnished. Monthly charges for other associated equipment and applicable service connection, move and change charges will also apply. In those cases where the circuit extends beyond the base rate area, but within the exchange area, mileage charges based on the individual line rate will apply for the distance beyond the base rate area boundary line.

T.2.3.2 Special circuits leased to customers for metering, control or other purposes not involving telephonic communication will be provided, where facilities are available, at the following rates:

	<u>Monthly Rate</u>
A. First mile or fraction thereof, circuit measurement:	\$4.00
B. Each additional quarter-mile or fraction thereof	\$1.00
C. Installation of such facilities and equipment required for the establishment of the desired service will be charged for at the cost of installation.	

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service

T.3.1 DS-1 Service

T.3.1.1 General

- A. DS-1 Service is furnished for Private Line Communications by the Company. (T)
- B. DS-1 Service is a service for the transmission of digital signals only and uses only digital transmission facilities. (T)
- C. DS-1 Service provides for the simultaneous two-way transmission of isochronous digital signals at DS1 speeds of 1.544 Mbps, where facilities are available. (T)
- D. To ensure satisfactory operation, the terminal equipment provided by the customer must be compatible with the DS1/1.544 Mbps channel facility provided by the Company. (T)
- E. The rates specified for DS-1 service in T.1.3 following, contemplate the provision of a digital quality facility over existing interoffice carrier equipment and/or exchange cable facilities compatible with this service. If such equipment, new facilities or changes to existing facilities are required for the provision of this service, a special construction charge based on the cost incurred to make the changes will apply in addition to the rates for DS-1 service. (T)

T.3.1.2 Regulations

- A. Description of Service (T)
 - 1. DS-1 service is furnished for the simultaneous two-way transmission of serial, Bipolar, Return-to-Zero (BPRZ) isochronous digital signals, except where intentional bipolar violations are introduced by Bipolar with 8 Zero Substitution (B8ZS) format, at a speed of DS1/1.544 Mbps between two points. (T)
 - 2. Multipoint service is not available. (T)
 - 3. DS-1 service is available on a month-to-month basis or under variable rate periods. (T)
 - 4. Connection of DS1/1.544 Mbps communications systems provided by others may be made on a permissive basis. The Company does not represent its DS-1 service as adapted for such connections, and shall not be responsible for the through transmission of signals, or the quality of such transmission on such connections. (T)

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.1 DS-1 Service (Cont'd)

T.3.1.2 Regulations (Cont'd)

A. Description of Service (Cont'd) (T)

5. A Channel Service Unit (CSU) or appropriate Termination Equipment (TE) provided by the customer is required at a customer's or authorized user's premises to perform such functions as proper termination of the service, amplification, signal shaping, remote loop-back testing. (T)

6. The design, maintenance and operation of DS-1 service contemplates communications originating and terminating as (1) a customer premises to customer premises channel via the Company's Serving Wire Center (SWC), - and/or through remote SWC's; (2) a customer premises to the Serving Wire Center - and/or remote SWC's - partial channel (link); or (3) a central office to central office (interoffice) partial channel (link). (T)

7. DS-1 service may also be furnished on a link (partial channel) basis when connected to Contrex Type Services. (T)

8. All appropriate rates specified in other tariff sections are in addition to the monthly rate per package or single channel for DS-1 service specified in this Tariff. (T)

B. Definitions (T)

Channel Service Unit – The term "Channel Service Unit" (CSU) denotes equipment provided by the customer to terminate a digital facility on the customer's or user's premises.

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.1 DS-1 Service (Cont'd)

T.3.1.2 Regulations (Cont'd)

B. Definitions (T)

DS1 – DS1 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 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.

Digital Local Channel – The term “Digital Local Channel” denotes a path for DS-1 service furnished from the demarcation point on a customer’s premises to their Serving Wire Center.

Interoffice Channel – The term “Interoffice Channel” denotes a path (or paths) for digital transmission between Company Serving Wire Centers. An interoffice channel may be furnished in such manner as the Company may elect.

C. Application of Rates (T)

1. Digital Loop Channels furnished between a Serving Wire Center and the customer’s premises will be charged at rates based on the first ½ mile and each additional ½ mile for the airline distance measured between the customer’s premises and their Serving Wire Center. (T)
2. Interoffice Channels furnished between Central Offices will be charged at rates based on airline distance between the Central Offices. (T)
3. DS-1 service is available on a month-to-month basis or under variable rate periods. Contract rate increases are subject to the stipulations of T.3.1.2.D(4). following. (T)

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.1 DS-1 Service (Cont'd)

T.3.1.2 Regulations (Cont'd)

C. Application of Rates (Cont'd) (T)

4. DS-1 service rate under contract will not be increased by Company initiative until the contract period expires. Rates in effect at the time the service is installed and/or as of the service order application date will be applicable until the contract expires. At the expiration date of the customer's payment period option, the customer may select a new payment period option at current rates or revert to current rates on a month-to-month basis. (T)

5. A Termination Liability Charge is applicable at the date of termination. The applicable charge is dependent on the contract period subscribed to and will be equal to the number of months remaining in the contract times the monthly rate provided under the contract. However, Termination Liability charges will not apply for customer requests for moves of service. (T)

6. Airline distance between Company central offices shall be developed using the methodology, found in the National Exchange Carrier Association Tariff FCC No. 5, Section 7.2.5. Fractional mileage shall not be rounded up to the next full mile. (T)

D. Connections (T)

1. Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-provided Communications Systems may be connected to DS-1 service when such connection is made in accordance with the provision specified in Sections T.3.1.2.D.2, T.3.1.2.D.3, and T.3.1.2.D.4, following. (T)
(T)

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.1 DS-1 Service (Cont'd)

T.3.1.2 Regulations (Cont'd)

D. Connections (T)

2. Responsibility of the Company (T)

a. The responsibility of the Company shall be limited to the furnishing and maintenance of DS-1 service to a network interface on the customer's premises where provision is made for the connection of local service.

b. The Company shall not be responsible for installation, operation, or maintenance of any terminal equipment or communications systems provided by a customer. DS-1 service is not represented as adapted for the use of such equipment or system. Where such equipment or system is connected to Company facilities, the responsibility of the Company shall be limited to the furnishing of facilities suitable for DS-1 service and to the maintenance and operation in a manner proper for such digital service. The Company shall not be responsible for: (T)

* the through transmission of signals generated by such equipment or system or for the quality of, or defects in, such transmission, or

* the reception of signals by such equipment or systems, or

* damage to terminal equipment or communications systems provided by a customer or authorized user due to testing.

c. The Company shall not be responsible to the customer if changes in any of the facilities, operations or procedures of the Company utilized in the provision of DS-1 service render any facilities or equipment provided by a customer obsolete, or require modification or alteration of such equipment or system or otherwise affect its use or performance. (T)

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.1 DS-1 Service (Cont'd)

T.3.1.2 Regulations (Cont'd)

- D. Connections (Cont'd) (T)
 - 2. Responsibility of the Company (Cont'd) (T)
 - d. The Company undertakes to maintain and repair the facilities which it furnishes. The customer may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Company without prior written consent of the Company. (T)
 - 3. Responsibility of the Customer (T)
 - a. The customer is responsible for installing and testing his premises equipment or facilities to ensure that when they are connected to DS-1 service, such equipment or facilities are operating properly. (T)
 - b. The opening characteristics of the customer premises equipment or facilities shall be such as to not interfere with any of the services offered by the Company. Such use is subject to the further provisions that the equipment provided by a customer does not: endanger the safety of Company employees or the public; damage, require change in or alteration of the equipment or other facilities of the Company; interfere with the proper functioning of such equipment or facilities; impair the operation of the Company's facilities or otherwise injure the public in its use of the Company's services. Upon notice that the equipment provided by a customer is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference. (T)
 - c. The customer's responsibility shall include cooperative testing with the Company as may be necessary. Where regeneration and/or equalization adjustments or changes may be required to compensate for rearrangements and/or changes in outside plant facilities, the customer will be responsible for all expenses incurred in changes to his premises equipment. (T)

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.1 DS-1 Service (Cont'd)

T.3.1.2 Regulations (Cont'd)

D. Connections (Cont'd) (T)

4. Connection of Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer -Provided Communications Systems. (T)

a. The following provisions will apply: (T)

(1) Customer-Provided Terminal Equipment and/or Customer-Provided Communications Systems may be connected at the premises of the customer to DS-1 service. (T)

(2) The customer, by use of its own derivation equipment, may create digital bit streams from a DS-1 service and such equipment may be connected for transmission of such bit streams when connected through a customer provided CSU/TE. (T)

(3) The undertaking of the Company is to furnish DS-1 service as ordered and specified by the customer as specified in 4. following. (T)

b. Connections to Other Services Furnished by the Company to the Same Customer. (T)

DS-1 service furnished by the Company may be connected by the customer to another service or to other services furnished by the Company as specified in T3.1.2.D.2, preceding. Connected services are subject to all rules and regulations governing the provisioning of those services. (T)

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.1 DS-1 Service (Cont'd)

T.3.1.2 Regulations (Cont'd)

D. Connections (Cont'd) (T)

4. Connection of Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems (Cont'd) (T)

c. Connections to Other Services Furnished by the Company to Different Customers. (T)

The customer may connect at the premises of the customer, another DS-1 service or other services furnished by the Company to different customers as specified in 4.B. preceding. Connected services are subject to all rules and regulations governing the provisioning of those services.

d. Connection of Channel Service Units (T)

A Channel Service Unit (CSU) or appropriate Termination equipment (TE) must be provided by the customer to connect a Company-provided digital facility. In accordance with Part 68 of the FCC's Rules and Regulations, newly grandfathered CSU/TE's may be connected, moved, and reconnected until June 30, 1987. After this date only registered and previously connected grand-fathered CSU/TE's may be connected to Company-provided digital facilities. Registered technical requirements for CSU/TE's are outlined in Part 68 of the FCC's Rules and Regulations. A copy may be obtained from the Federal Communications Commission, Room BB300, Washington, D.C. 20054.

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.1 DS-1 Service (Cont'd)

T.3.1.2 Regulations (Cont'd)

E. Features (T)

1. Clear Channel Capability (T)

a. Clear Channel Capability (CCC) is an arrangement that alters a DS1/1.544 Mbps signal with unconstrained information bits. This will allow a customer to transport an all zero octet over a DS-1 service channel providing an available combined maximum 1.536 Mbps data rate. This arrangement requires the customer signal at the channel interface to conform to Bipolar with 8 Zero Substitution (B8ZS) line code. (T)

b. CCC is provided on DS-1 service channels between two customer designated premises, from a customer premises to their Serving Wire Center or Node Central Office and/or to a remote Servicing Wire Center or Node Central Office, and from a Central Office to a Central Office, and is subject to the availability of facilities. This optional feature may be ordered at the same time the DS-1 service channel is ordered, or it may be ordered as an additional feature of an existing DS-1 service channel. (T)

c. When providing CCC via a DS3/44.736 Mbps High Capacity channel, that DS3 channel must be designated in Company records, as having Clear Channel Capability prior to the provisioning of a DS1/1.544 Mbps High Capacity channel with CCC. Customers must agree to out-of-service periods required to add this feature to an existing DS-1 service channel to be optioned for B8ZS. (T)

F. Payment Arrangements and Credit Allowances (T)

1. The minimum period for which DS-1 service is furnished and for which charges are applicable is one month. (T)

2. Suspension of service is not allowed. (T)

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.1 DS-1 Service (Cont'd)

T.3.1.3 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 (T)

1. Digital Local Channel, each (T)

	Nonrecurring <u>Charge</u>	Month to <u>Month</u>	24 to 48 <u>Months</u>	
a. First ½ Mile	\$300.00	\$90.00	\$89.00	(T)
b. Each additional ½ mile, or fraction thereof	-	\$38.00	\$37.00	(T)

B. Interoffice Channels furnished between Central Offices. Rates are based on the airline distance.² (T)

1. Interoffice Channel, each channel 0-25 miles (T)

	Nonrecurring <u>Charge</u>	Month to <u>Month</u>	24 to 48 <u>Months</u>	
a. Fixed Monthly Rate	\$100.00	\$60.00	\$58.00	
b. Each airline mile, or fraction thereof	-	\$26.00	\$20.00	

2. Interoffice Channel, each channel over 25 miles

	Nonrecurring <u>Charge</u>	Month to <u>Month</u>	24 to 48 <u>Months</u>	
a. Fixed Monthly Rate	\$100.00	\$60.00	\$58.00	
b. Each airline mile, or fraction thereof	-	\$22.00	\$16.00	

C. Clear Channel Capability is furnished on a per DS-1 service channel basis.

1. Per DS-1 service channel optioned as:

	Nonrecurring <u>Charge</u>	<u>Monthly Rate</u>		
		<u>Initial</u>	<u>Subsequent</u>	
a. Superframe Format (SF)	\$300.00	\$98.00	\$89.00	
b. Extended Superframe Format (ESF)	\$ -	\$38.00	\$37.00	

Note 1: Contract lengths are now flexible to allow customer choice of payment periods.

Note 2: Refer to T.3.1.2.C.6 of this Tariff for mileage measurement methodology.

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.1 DS-1 Service (Cont'd)

T.3.1.3 Rates and Charges (Cont'd)

(T)

D. Move Charge

(T)

A move charge, per DS-1 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 DS-1 service channel, applies for each DS-1 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 DS-1 service channel installation at the new location.

E. Service Connection charges

(T)

1. Service Establishment Charges are applicable, for each DS-1 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.

(T)

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 DS-1 service channel¹. A Service Change Charge is applicable for each DS-1 service channel associated with the customer request (in lieu of a Service Establishment Charge).

(T)

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 time.

(T)

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 T.3.1.3.A and T.3.1.3.B preceding.

(T)

(T)

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.1 DS-1 Service (Cont'd)

T.3.1.3 Rates and Charges (Cont'd)

(T)

E. Service Connection Charges (Cont'd)

5. Charges for DS-1 Service

a. Service Establishment Charge

(1) Per DS-1 Service Channel

Nonrecurring
Charge
\$575.00

(a) Each

b. Service Change Charge

(1) Per DS-1 Service Channel

(a) For Inside Moves, each \$350.00

(b) Per Transfers of
Responsibilities, each \$350.00

c. Premises Visit Charge

(1) Per Digital Local Channel or for an Inside Move

(a) Per Visit \$ 37.00

(T)

F. Health Care providers for rural areas.

(T)

1. Elementary and secondary schools.

(T)

a. Rates for these providers will receive a 25% discount provided the providers meet the criteria and definitions listed in Section 254 of the Telecommunications Act of 1996.

(T)

b. The provider will present the necessary criteria to establish their eligibility.

(T)

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.2 DS-1 Channel Service

(T)

T.3.2.1 General

- A. DS-1 Channel Service is an intraLATA digital service which provides channelization capability for the customer in the Company's central office. DS-1 Channel Service is provided in packages based on multiple voice grade channel equivalents (DSO) where 24 voice grade channels are equal to a DS1. This service provides local channels and/or inter-office channels for network exchange access, Foreign Exchange Service, Centrex type services, station lines, off-premises stations, tie lines, WATS lines, analog data channels, Broadband Exchange Lines, and digital data services (at 2.4 Kbps, 4.9 Kbps, 64 Kbps and Ds-1 Service data rates.
- B. Channelization is provided by D type channel banks which are offered in various basic system capacities and feature activation types. Individual channel services are made available by selecting the specific feature activation equipment desired in a basic system. The Customer may channelize all or part of a DS-1 Channel Service package to activate voice and data facilities for interconnection with the exchange network, voice grade and data facilities for private line channels, as well as other DS-1 Channel Services.
- C. This service is available within a LATA where appropriate digital facilities are available as determined by the Company. Service inquiries will be necessary to determine availability. Special Construction charges for DS-1 Service may apply where appropriate digital facilities are not available.
- D. The customer may activate any number or combination of channels within a DS-1 Channel Service package within the limitations set forth in T.3.2.1.F following. Channels may be activated coincident with initial service or at any time subsequent to basic system installation. Once activated, a channel is subject to a minimum service period in accordance with the contract terms. Features (channels) activated under month-to-month rates will have a minimum service period of one month.

(T)

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.2 DS-1 Channel Service (Cont'd)

(T)

T.3.2.1 General (Cont'd)

- E. The total number of voice grade equivalent channels activated by the customer may not exceed the capacity of the basic system. Additionally, there are some necessary restrictions in total system capacities where certain types of channel services are channelized. For example, some channelizing equipment, Dataphone Digital Service channels, may require two voice grade equivalent channels per channel provided by the Company. This would reduce a system's stated capacity substantially. The Company will notify the customer when a system's capacity is affected.
- F. Central Office channelization generally provides analog to digital conversion to permit individual exchange services and private line channel services to be transported over digital high capacity facilities. In addition, this equipment permits connection to require testing facilities at designated hub or node locations for some digital offerings. This channelization is also intended for use at Company locations where different high capacity digital network links terminate in the same central office and must be converted to individual analog or digital channels before individual service links can be cross connected.
- G. Channelization on a customer's premises is provided by the customer. Customer premises channelization equipment, and any other associated network termination equipment, is available through various vendors, including the Company, on a detariffed basis. Joint provisioning of channelized services introduces joint responsibilities between the customer and the Company.
 - 1. Responsibilities of the Company
 - a. The Company will endeavor to activate its portion of joint services in a timely manner on the negotiated date to support installation requirements.
 - b. The Company will provide the customer with information regarding the type and the manufacturer of Central Office (C.O.) channelization equipment to be used in each application.

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T. PRIVATE LINE SERVICE

T.3 Digital Network Service (Cont'd)

T.3.2 DS-1 Channel Service (Cont'd) (T)

T.3.2.1 General (Cont'd)

G. (Cont'd)

1. Responsibilities of the Company (Cont'd) (T)

- c. The Company will limit its selection of central office equipment to avoid operational and administrative difficulties associated with a multi-vendor central office environment.
- d. The Company reserves the right to change its equipment vendors should equipment availability, price or technological advantages make such a change attractive or necessary.
- e. The Company shall notify the customer, generally a minimum of six months in advance, of any need to change its central office equipment to allow the customer sufficient time to respond, make any necessary changes, and schedule cooperative testing for cut-over if required.
- f. Digital synchronization timing for DS-1 Channel Service will be provided by the Company.

2. Responsibilities of the Customer

- a. The customer must be prepared to activate his portion of joint service in a timely manner on the negotiated date, providing testing equipment and personnel to support installation requirements, as may be necessary.
- b. The customer will be responsible for selecting his own equipment. Customer equipment must be compatible with the Company-provided channelization at the central office.

3. Trouble Resolutions

The Company will assist the customer in resolving any installation on day to day channel service problems. However, the Company does not assume responsibility for the compatibility or suitability of the customer's equipment. Dispatches to customer premises caused by customer equipment troubles will result in charges to the customer.

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T.3 Digital Network Service (Cont'd)

T.3.2 DS-1 Channel Service (Cont'd)

(T)

T.3.2.1 General (Cont'd)

H. Emerging technology, such as low bit rate voice multiplexing techniques, may permit additional quantities of individual channels to be channelized on a single DS-1 signal. Equipment providing this capability does not generally assure compatibility between different manufacturers. Some equipment may not be suitable for data transmission or tandem network line applications. Rates, charges, and availability of this equipment will be negotiated with the customer on an individual case basis.

T.3.2.2 Application of Rates

- A. Monthly rates as specified in the following apply for each DS-1 Channel Service according to the system capacity of voice grade equivalent in channels in each package. These rates apply regardless of the number of voice grade circuit equivalents within each package that are actually activated by the customer at a point in time.
- B. Exchange Network Access is provided for channels within each DS-1 Channel Service package at the rates and charges specified in T.3.2.4 following, and apply for each channel within a package that is activated for Exchange Network Access. In addition, all applicable regulations, rates and charges specified in Section C of the General Subscriber Services Tariff will apply.
- C. Rates and charges specified in other tariff sections for services such as Touch-Tone, Custom Calling Service, etc., are in addition to the monthly rate for Ds-1 channel services. Also, the rates and charges for other services that may be interconnected or extended beyond the basic DS-1 Channel Service, such as off-premises stations, tie lines, private lines, etc., are in addition to the rates specified in this Tariff for those portions of channel services necessary to provide end-to-end service. Rates and charges for single DS-1 service channels used to connect DS-1 Channel Services when used as part of the same communications system, will be as specified in T.3.1 preceding.

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T.3 Digital Network Service (Cont'd)

T.3.2 DS-1 Channel Service (Cont'd)

(T)

T.3.2.2 Application of Rates (Cont'd)

- D. All usual and applicable Service Connection Charges and Nonrecurring Charges as specified in other tariffs apply to the activation, move or change of channel equivalents within DS-1 Channel Service packages as well as for installation of the basic system. Suspension of service is not permitted with DS-1 Channel Service.
- E. DS-1 Channel Service systems and feature activations are available on a month-to-month basis or under variable rate periods, with rates based on lengths of 24 to 48 months. Contract rate increases are subject to the stipulations of F. following. All elements of a contract will expire at the same time (be coterminous).
 - 1. Individual exchange network access and private line channel services that are connected to DS-1 Channel Service are not offered under DS-1 Channel Service master contract rate stability provisions. They are subject to their standard tariff provisions as appropriate.
- F. DS-1 Channel Service rates under contract will not be increased by Company initiative until the contract period expires. Those monthly rates for Basic System Capacity and Feature Activations in effect at the time the service is installed and/or as of the service order application date, will be applicable until the contract expires. At the expiration date of the customer's payment period option, the customer may select a new payment period option at current rates or revert to current rates on a month-to-month basis.
- G. A Termination Liability Charge is applicable at the date of termination. The applicable charge is dependent on the contract period subscribed to and will be equal to the number of months remaining in the contract times the monthly rate for the Basic System Capacity and Feature Activations which are provided under contract. This is subject to the exemptions of 1. and 2. following:
 - 1. No Termination Liability Charge will be applicable for the Basic System Capacity when the customer re-negotiates a new contract for the same equipment or larger system at the same location(s) for a period of time greater than the time remaining on the existing contract, subject to contract periods contained in E. preceding.

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T.3 Digital Network Service (Cont'd)

T.3.2 DS-1 Channel Service (Cont'd)

(T)

T.3.2.2 Application of Rates (Cont'd)

G. (Cont'd)

2. The Termination Liability Charge basis for Feature Activation rates will be 50 percent of the total monthly rate for the activated features under contract which are being disconnected. All features activated under contract are coterminous with the basic system with which they are associated. Any features subscribed to on a month-to-month basis have a minimum service period of one month and no associated termination charge liability.
3. The Termination Liability charge for moves of DS-1 Channel Service from one location to a different location in Company territory, with the exception of inside moves, will not apply.

- H. Transfer of service responsibility between customers is permitted subject to payment of a Transfer Charge as specified in T.3.2.4.C.

(T)

T.3.2.3 Digital Architecture and Definitions

A. Digital Architecture

DS-1 Channel Service is 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.

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T.3 Digital Network Service (Cont'd)

T.3.2 DS-1 Channel Service (Cont'd)

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T.3.2.3 Digital Architecture and Definitions (Cont'd)

A. Digital Architecture (Cont'd)

Many DS-1 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 superseded by the electrical specification of the DS-1 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.

DS0 – The term DS0 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 65 Kbps transmission bit rate signal.

DS-1 – The term DS-1 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.

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T.3 Digital Network Service (Cont'd)

T.3.2 DS-1 Channel Service (Cont'd)

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T.3.2.4 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 <u>Charge</u>	Month to <u>Months</u>	24 to 48 <u>Months</u>
a. 24 Voice Equivalent Channels	\$ 220.00	\$ 210.00	\$ 189.00
b. 48 Voice Equivalent Channels	\$ 265.00	\$ 360.00	\$ 300.00
c. 96 Voice Equivalent Channels	\$ 350.00	\$ 650.00	\$ 550.00
d. 144 Voice Equivalent Channels	\$ 435.00	\$ 940.00	\$ 790.00
e. 192 Voice Equivalent Channels	\$ 525.00	\$1,170.00	\$1,010.00
f. 240 Voice Equivalent Channels	\$ 610.00	\$1,410.00	\$1,210.00
g. 288 Voice Equivalent Channels	\$ 695.00	\$1,691.00	\$1,522.00
h. 384 Voice Equivalent Channels	\$ 865.00	\$2,061.00	\$1,855.00
i. 480 Voice Equivalent Channels	\$1,040.00	\$2,412.00	\$2,171.00
j. 576 Voice Equivalent Channels	\$1,210.00	\$2,752.00	\$2,477.00
k. 672 Voice Equivalent Channels	\$1,380.00	\$3,059.00	\$2,754.00

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T.3 Digital Network Service (Cont'd)

T.3.2 DS-1 Channel Service (Cont'd)

(T)

T.3.2.4 Rates and Charges

B. Feature Activation

1. Central Office

a. Analog Voice Service

(1) For Exchange Line, Foreign Exchange, OPS, WATS Line, Trunk, Centrex Type Services, Station Line, or Voice PL Use
Nonrecurring Charge

	<u>First</u>	<u>Each Additional</u>	<u>Month to Month</u>	<u>24 to 96 Month Contract</u>
Per Feature Activated ^{1,2,3}	\$ 7.00	\$ 6.00	\$ 6.50	\$ 5.00

(2) For Tie Line Use

Per Feature Activated ^{1,2,3}	\$ 7.00	\$ 6.00	\$10.00	\$ 8.00
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b. Analog Data Service

For Data Transmission Use

Per Feature Activated ^{1,2,3}	\$7.00	\$ 6.00	\$10.00	\$ 8.00
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c. Digital Data Service

For 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps, 56 Kbps,
And 64 Kbps Data Rates

Per Feature Activated ^{1,2,3}	\$ 7.00	\$ 6.00	\$13.00	\$11.00
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d. Broadband Exchange Line Service

For 56 Kbps and 64 Kbps
Data Rates

Per Feature Activated ^{1,2,3}	\$10.00	\$ 7.50	\$10.00	\$ 8.00
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Note 1: The first nonrecurring charge as 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.

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T.3 Digital Network Service (Cont'd)

T.3.2 DS-1 Channel Service (Cont'd)

(T)

T.3.2.4 Rates and Charges

C. Transfer Charges

1. Transfer Between Customers

	<u>Nonrecurring Charge</u>
Per Transfer	\$292.00

D. Mileage Charges

Rates and charges for DS-1 Service as contained in T.3. are applicable. Generally, one 1.544 Mbps channel is required for each group of 24 voice equivalent channels provided.

E. Automatic Protection Switching (APS)

APS for DS-1 Service interface provides automatic DS1 channel switching to a backup DS1 channel upon primary facility failure. When provided via DS-1 Service, this feature requires purchase of an additional DS1 service channel from T.3.1 of this Tariff for each backup channel required. Rate, charges and availability of this equipment will be negotiated with the customer on an individual case basis. This feature may not be available with lines utilizing the Clear Channel Capability line code (B8ZS).

F. Switching Arrangements, multipoint/multistate Bridging and Data Conditioning Rates.

Rates and charges are those that would be applicable to single channel services.

G. Network Access Service

Rates and charges for Network Access lines are applicable as contained in Section C of the General Subscriber Services Tariff, in addition to Feature Activation and other DS-1 Channel Service rates and charges contained in this section.

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