

PRIVATE LINE LOCAL CHANNEL SERVICES TARIFF

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PRIVATE LINE LOCAL CHANNEL SERVICES TARIFF

I. GENERAL

Private Line Local Channel Services provides a dedicated transmission path between two or more Customer designated premises made available by CC Communications, hereinafter known as the Company and provided wholly within the franchised serving area. Private Line Local Channel Services includes all exchange areas and does not utilize Company end office switches.

Service is provided on a tariff basis subject to the availability of such facilities and the requirements of the Company's message telecommunications service. The Company fully supports the services provided in this tariff through engineering, installation and maintenance efforts. No other party is authorized to perform those functions or to rearrange, disconnect or remove a service without the Company's written consent. The Company will assure that each service functions properly within its specified transmission, signaling or switching parameters.

A. Provisions of Service

Unless otherwise provided for in this tariff, channels are provided on a twenty-four (24) hour per day, seven (7) day per week basis.

Unless otherwise indicated in a particular tariff, the minimum contract period of a service or channel is one month except when the cost of construction is such as to necessitate a longer contract period.

For services provided on a temporary basis, a minimum monthly charge for such service is applied.

Where the minimum contract period is one month, the minimum charge will be for one month. If the period exceeds one month, the charges for any fractional period following and consecutive with the full month, will be prorated on the basis of the number of days in the period in question to thirty (30) days in the billing month.

The connections provided by Private Line Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

The types of channels used to provide Private Line Local Channel Services available from the company are:

- a. analog data/voice with conditioning up to 9600 baud asynchronous;
- b. digital data
- b.1. xDSL services
- c. digital data high capacity service.
- d. optical bandwidth

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PRIVATE LINE LOCAL CHANNEL SERVICES

I. GENERAL (Continued)
B. Responsibility of the Customer

The Company will furnish all channel apparatus and the Customer will furnish all station equipment and associated power requirements. All equipment used by the Customer in connection with leased channels is subject to the approval of the Company and must operate at the line signaling speed and with line transmission characteristics within the range so designated by the type of channel provided.

Where commercial power is required in the operation of equipment and service on the premises of the Customer or authorized users, the customer shall be responsible for provision of the necessary power wiring and power outlets on such premises and the electrical energy for operating the apparatus provided by the Company.

Company provided power requirements for specific types of services will be charged based on the actual cost to provide such service and provided on an individual case basis.

When concealed Company wiring is required on the premises of the Customer or authorized users, the Customer shall be responsible for provision of the necessary outlet boxes and conduits.

All wiring at the customer's designated premises from the point of demarcation to the customer equipment shall be provided by the Customer.

The provision of any special structural work required for supporting Company equipment or wiring, on the premises of the customer or authorized users, shall be the responsibility of the Customer.

Where channels are provided for data transmission use, the customer shall be responsible for ordering and specifying the type of data channel, the conditioning and/or signaling suitable for operation with the customer owned data processing equipment. The Company is to furnish the types of channels as ordered and specified by the Customer.

In event of damage to associated Private Line service equipment the customer must pay the Company for replacement or repair when damage results from:

- a. The negligence or willful act of the Customer or others authorized by the Customer.
- b. Improper use of the private line service.
- c. Any use of equipment or systems provided by the Customer or others authorized by the Customer.

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PRIVATE LINE LOCAL CHANNEL SERVICES

I. GENERAL (Continued)

C. Service Configurations

There are two types of service configurations over which Private Line Local Channel Service is provided:

(1) Two Point Service

A two-point service connects two customers designated premises, either on a directly connected basis or through one or more of the Company's Central Office hub centers.

(2) Multipoint Service

A multipoint Service connects three or more customers designated premises through one or more of the Company's Central Office hub centers.

D. Description of Services(1) Private Line Voice Grade Local Channel Service

a. Private Line Voice Grade Local Channel Service provides analog voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire (2/W) or four-wire (4/W). Voice grade service is provided between customer designated premises or between a customer designated premises and the Company hub or hubs.

b. Private Line Voice Grade Service is typically used for voice and voice band data applications. Examples of voice grade circuits are alarm systems, multipoint private line, voice trunk, two-point voice grade data (half duplex (HDX) or full duplex (FDX)), multipoint voice grade data and voice grade facsimile.

c. Optional Features and Functions

1. Central Office Bridging Capability (two-wire or four-wire)
2. Central Office Multiplexing
3. Conditioning - up to 9600 Baud Rate

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PRIVATE LINE LOCAL CHANNEL SERVICES

I. GENERAL (Continued)

D. Description of Services (continued)

(2) Private Line Digital Data Local Channel Services

- a. Private Line Digital Data Service provides a channel for duplex four-wire transmission of synchronous serial data at the rate of DSO (64.0 Kbps or less - customer must specify) on a two-point basis. The actual bit rate is a function of the channel interface selected by the Customer. The channel provides a synchronous service with timing provided by the Company through the Company's facilities to the Customer in the received bit stream.
- b. Digital Data Channels are provided as either hubbed or non-hubbed services between Customer designated premises and the Company's hub or hubs.
- c. The Customer is responsible for providing Channel Service Unit Functionality at each local channel service termination on a Customer's premises. In the event that a trouble indication exists which necessitates a visit of a repairperson to a Customer's premises because of the absence of a loop-back in the Customer's equipment, a Maintenance of Service Charge will apply. The connection of Channel Service Unit Functionality to a Digital Data Local Channel Service shall be in accordance with Part 68 of the FCC's Rules and Regulations.

d. Optional Features and Functions

1. Special Routing

A Digital Data Local Channel Service is normally furnished using facilities selected by the Company. However, special routing options are available where the required local channel facilities are available. If complete Special Routing is not available when ordered, or if it becomes unavailable at a later time due to network rearrangements, Special Routing may only be furnished on a partial basis. The Customer will be advised before partial Special Routing is provided and may cancel or discontinue the Special Routing if the compromise is not acceptable. No cancellation charge will apply in such case. Diversity is the only special routing option for Digital Data Local Channel Services. It is available only for DSO local channel services.

- a. Diversity - Two or more DSO Digital Data Local Channel Services may be furnished partially or entirely over not more than two physically separated routes. Diversity is furnished for a portion of the local channel or for its entirety. If there are more than two local channels, the local channels are divided into two groups and furnished partially or entirely over two physically separated routes.
 - (1) Diversity from Another DSO Local Channel Service - charges will be developed and negotiated on an individual case basis.
 - (2) Diversity From Other Types of Local Channel Service - charges will be developed and negotiated on an individual case basis.

PRIVATE LINE LOCAL CHANNEL SERVICES

I.GENERAL (Continued)

D. Description of Services (continued)

(3) Private Line High Capacity Local Channel Services

- a. Private Line High Capacity Local Channel Service provides a channel for the transmission of DS1/1.544 Mbps for the simultaneous two-way transmission of serial, bipolar, return-to zero isochronous digital signals on a two-point basis only.
- b. High Capacity channels are provided between Customer designated premises or between a Customer's premises and the Company's hubbing network.
- c. The Customer may provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises.
- d. The Customer is responsible for providing Channel Service Unit Functionality at each local channel service termination on a Customer's premises. In the event that a trouble indication exists which necessitates a visit of a repairperson to a Customer's premises because of the absence of a loop-back in the Customer's equipment, a Maintenance of Service Charge will apply. The connection of Channel Service Unit Functionality to a Digital Data Local Channel Service shall be in accordance with Part 68 of the FCC's Rules and Regulations.
- e. All signals generated by Customer equipment and presented to the interface must meet all signal and format constraints.
- f. Options and Features
 1. Automatic Loop Transfer

Provides protection on a 1xN basis against failure of the facilities between the Customer designated premises and the Company. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel line when a working line fails. The spare channel is not included as part of the option. This option requires compatible equipment at both the Company and the Customer designated premises. The Customer is responsible for providing the equipment at its designated premises.

PRIVATE LINE LOCAL CHANNEL SERVICES

I. GENERAL (Continued)

D. Description of Services (continued)

2. Central Office Multiplexing

(a) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Local Channel Service. Any channel(s) of this DS1 to the hub can also be used for a Digital Data Service.

(b) DS1 to DSO

An arrangement that converts a 1.544 Mbps channel to 23 64.0 Kbps channels utilizing digital time division multiplexing.

3. Clear Channel Capability (CCC)

(a) CCC allows the Customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps High Capacity channel with no constraints on the quantity or sequence of one and zero bits. This requires the Customer's signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code.

(b) CCC is provided, where available, on DS1/1.544 Mbps High Capacity channels between two Customer designated premises or multiplexed DS1/1.544 Mbps High Capacity channel between the Company hub network and a Customer designated premises.

(c) The CCC optional feature may be ordered at the same time the High Capacity service is ordered or may be ordered as an addition to an existing High Capacity Service. The Customer must agree to out-of-service periods required to add this feature to an existing High Capacity Service.

PRIVATE LINE LOCAL CHANNEL SERVICE

II. RATE REGULATIONS

A. Description of Rates and Charges

1. Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply are installation of service, installation of optional features or functions, and service rearrangements. These charges are in addition to applicable charges in Tariff # 17.

(a) Installation of Service

Nonrecurring charges for each type of service installed, are applied per Channel Termination, with the exception of lease lines (continuous property). A point to point lease line will be charged one (1) 2-wire channel termination nonrecurring charge.

(b) Installation of Optional Features and Functions

When optional features and functions are installed coincident with the initial installation of service, no separate nonrecurring charge is applicable. When optional features and functions are installed or changed subsequent to the installation of service, subsequent service order charge will apply per order.

(c) Service Rearrangements

Service rearrangements are changes to existing (installed) services which may be administrative only in nature, as set forth following, or that involves actual physical change to the service.

Changes in the physical location of the point of termination or Customer designated premises.

Changes in the type of Service or Channel Termination which results in a change of the minimum period requirement will be treated as discontinuance of the service and installation of a new service.

Changes in ownership or transfer of responsibility from one customer to another will be treated as a discontinuance of the service and an installation of a new service. However, in the event the change in ownership or transfer of responsibility is due to bankruptcy proceedings where there is no change in facilities or arrangements, the change will be treated as an administrative change and the nonrecurring charge is non applicable.

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PRIVATE LINE LOCAL CHANNEL SERVICES

II. RATE REGULATIONS (Continued)

A. Description of Rates and Charges (continued)

Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data,
- Change in agency authorization,
- Change in customer circuit identification,
- Change of billing account number,
- Change of Customer test line number,
- Change of Customer or Customer's end user contact name or telephone number.

All other service rearrangements will be charged as follows:

If the change involves the addition of other Customer designated premises to an existing service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added. In addition to the nonrecurring charge the subsequent service order charge will apply.

If the change involves the addition of an optional feature or function (with the exception of the addition of Clear Channel Capability (CCC) to an existing service), or if the change involves changing the type of signaling on a Voice Grade service, and for all other changes the subsequent service order charge will apply in addition to any applicable non-recurring charge for the optional feature added.

When the Clear Channel Capability optional feature is installed on an existing facility, the addition will be treated as a discontinuance and start of service and all associated non-recurring charges will apply.

(d) Moves

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

- The Point of Termination at the Customer's premises,
- The Customer's premises.

PRIVATE LINE LOCAL CHANNEL SERVICES

II. RATE REGULATIONS (Continued)

A. Description of Rates and Charges (continued)

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 of the nonrecurring charge for the service termination affected. This charge is in addition to the subsequent service order charge or applicable jack charges.

2. Moves To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply.

2. Rate Categories

There are three base rate categories which apply to Private Line Local Channel Services:

Channel Termination

Optional Features and Functions

(a) The Channel Termination Charge is applied for the communications path between a Customer designated premises and the Company hub. Included as part of the Channel Termination is the standard channel interface arrangement, which defines the technical characteristics associated with the type of facility and the type of signaling.

(1) One (1) Channel Termination charge applies per Customer designated premises at which the channel is terminated.

(2) This charge is applicable even if the Customer designated premises is the Company's Central Office for connection purposes.

PRIVATE LINE LOCAL CHANNEL SERVICES

II. RATE REGULATIONS (Continued)

A. Description of Rates and Charges (continued)

(c) Optional Features and Functions

(1) Facility Hubs

A Customer has the option of ordering Voice Grade or High Capacity Local Channel Service to the Company facility hub for channelizing to individual services requiring lower capacity facilities.

Different locations may be designated as hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location.

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from high capacity to voice frequency channels

Point to point services may be provided on channels of these services to a hub. The transmission performance for the point to point service provided between Customer designated premises will be that of the lower capacity or bit rate.

PRIVATE LINE LOCAL CHANNEL SERVICES

II. RATE REGULATIONS (Continued)

A. Description of Rates and Charges (continued)

The Company will commence billing the service rate for the service to the hub on the date specified by the customer on the order. Individual channels utilizing these services may be installed coincident with the installation of the service to the hub or may be ordered and/or installed at a later date, at the option of the Customer. The Customer will be billed for a Voice Grade or High Capacity Channel Termination and the multiplexer at the time the service is installed. Individual service rates (by service type) will apply for a Channel Termination, and for each channelized service.

(2) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services. For two point service, the parameters apply to each service as measured end to end. For multipoint services, the parameters apply as measured on each end line. C Type Conditioning and Data Capability may be combined on the same service.

Types of conditioning are:

(a) C Type Conditioning

Provides additional control of attenuation distortion and envelope delay distortion on data services.

(b) Impulse Noise

Determines noise level on "quiet" termination. Available only when ordered in combination with C - type conditioning.

(c) Improved Envelope Delay Distortion

Upgrades the frequency versus delay response limits of the channel. Available only when ordered in combination with C-type conditioning.

(d) D Type (Data) Conditioning

Provides transmission characteristics suitable for data communications. Specifically, data capability provides for the control of signal to C-notched noise ratio and inter modulation distortion. Available for two-point or multipoint services.

(e) Signaling Capability

Provides for the ability to transmit signals from one Customer premises to another Customer premises on the same service.

PRIVATE LINE LOCAL CHANNEL SERVICES

II. RATE REGULATIONS (Continued)

A. Description of Rates and Charges (continued)

(3) Signaling Equipment

When a Customer requests that a station line be extended from a private branch exchange system and/or Key System to an off premise location and additional conditioning equipment is required to increase the signaling range to amplify signals which may become too weak, additional signaling charges will apply.

Signaling equipment provided by the Company in conjunction with two (2) wire service will be provided at the Company Central Office hub location. The rate set forth for signaling equipment provided in conjunction with four (4) wire service includes apparatus provided at either the central office hub location or the Customer designated premises location.

(4) Bridges

Bridging service may be provided at the Company's central office. Where bridging is required on the Customer's premises, it shall be provided by the Customer.

Bridging charges are applicable where more than two channels are bridged or hubbed at the same central office hub location.

(6) Allowance for Interruptions

No credit is allowed for interruptions of less than one (1) day. Continuous interruptions of 1 day or more which are not due to the negligence of the Customer or authorized user, or failure of facilities provided by the Customer, are credited to the Customer as a prorated amount of the monthly channel charge for the period of interruption.

When the Customer has reported a service difficulty or trouble to the Company which requires a visit to the Customer's premises and it is found the trouble results from the use of customer provided equipment or facilities, the maintenance of service visit charge shall apply.

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PRIVATE LINE LOCAL CHANNEL SERVICES TARIFF

III. RATES

A. Private Line Analog Voice Grade Local Channel Service

	<u>Non-recurring Charge</u>	<u>Recurring Charge</u>
(1) Channel Termination		
a. 2-wire	\$ 95.00	14.25
b. 4-wire	\$125.00	18.25
(2)		
a)		
b)		
(3) Optional Features		
a.		
b.		
c. Conditioning		
(1) C Type, per circuit	N/A	N/C
(2) Impulse Noise	N/A	N/C
(3) Improved Envelope Delay	N/A	N/C
(4)		
(5)		

B. Private Line Digital Data Local Channel Service

(1) Channel Termination		
a. DSO (2.4 KBPS - 64 KBPS) *	\$158.00	48.00
(2)		
a.		
b.		
c.		
(3) Optional Features & Functions		
a. Special Routing (only for 56/64 KBPS)	ICB	ICB

B.1.Private Line Digital Data - xDSL Services

xDSL Service available in certain geographical areas. Pricing and availability upon request.

* = Customer to Specify Rate

ICB = Individual Case Basis

Fallon, Nevada

PRIVATE LINE LOCAL CHANNEL SERVICES TARIFF

III. RATES (Continued)

C. High Capacity Digital Data

	<u>Non-recurring Charge</u>	<u>Recurring Charge</u>
(1) Channel Termination		
a. 1.544 MBPS (DS1)	\$262.00	265.00
b. 6.312 MBPS (DS2)	ICB	ICB
c. 44.736 MBPS (DS3)	ICB	ICB
(2)		
a.		
b.		
c.		
(3) Optional Features & Functions		
a. Multiplexing		
DS1 to Voice	N/A	215.55
DS1 to DS0	N/A	220.45
DS2 to DS1	N/A	ICB
DS3 to DS1	N/A	ICB
c. Clear Channel Capability (B8ZS)	ICB	0.00
d. Special Routing	ICB	ICB
D. Optical Bandwidth	ICB	ICB

ICB = Individual Case Basis

Fallon, Nevada

PRIVATE LINE LOCAL CHANNEL SERVICES TARIFF

IV. HUBS

A. The following locations have been designated by the Company as hubs:

<u>Hub Name</u>	<u>Bridging</u>	<u>Multiplexing</u>	<u>B8ZS</u>
1. Fallon XA	X	X	X
2. Pioneer	X	X	X
3. Rattlesnake Hill	X	X	X
4. Southside	X	X	X
5. Fairview Peak	X	X	X
6. EWR Range	X	X	X
7. NAS Bldg 303	X	X	X
8. NAS Bldg 465	X	X	X
9. NAS Bldg 15	X	X	X
10. NAS Bldg 431	X	X	X
11. Desert Peak	X	X	X
12. NAS Bldg 800	X	X	X
13. Lucky Site	ICB	ICB	X

ICB = Individual Case Basis

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