

15.2. CHANNEL SERVICES

15.2.1 GENERAL

Service Availability

Effective December 1, 2021, Analog Private Line Services will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. The Company currently plans to discontinue these services on or after June 30, 2024.

(N)

The following services are covered by this *Availability* paragraph: Series 1000, 2000 and 3000 Channels, Bell and Lights Attack Warning Service, Farmer Lines, Channel Conditioning, Signaling Options, and Multipoint Service and Multistation Arrangements.

(N)

15.2.1.1 CLASSIFICATION OF CHANNELS

A. REGULATIONS

1. In addition to the General Regulations and Definitions applicable to Private Line Services and Channels in Part 2, Section 2, the following Regulations apply to Channels for Data Transmission.

a. Description of Channels and Schedule Classifications

(1) Channel Facilities Furnished

- Channels for Data Transmission are furnished between specified premises for the transmission of signals generated by customer-provided data processing equipment. The Channels are of the following classifications:

- Schedule 0

Low frequency Channels suitable for the transmission of direct current mark-space signal pulses up to a rate of 30 bauds.

- Schedule 1

Channels similar in transmission characteristics to those furnished for 60-speed Private Line Teletypewriter Service and suitable for the transmission of signal pulses at rates up to 45 bauds.

- Schedule 2

Channels similar in transmission characteristics to those furnished for 75-speed Private Line Teletypewriter Service and suitable for the transmission of signal pulses at rates up to 55 bauds.

- Schedule 3

Channels similar in transmission characteristics to those furnished for 100-speed Private Line Teletypewriter Services and suitable for the transmission of signal pulses at rates up to 75 bauds.

15.2. CHANNEL SERVICES

15.2.1 GENERAL (Cont'd)

15.2.1.1 CLASSIFICATION OF CHANNELS (Cont'd)

A. REGULATIONS (Cont'd)

-Schedule 3A

Channels similar in transmission characteristics to the 150 baud Channel furnished for Private Line Teletypewriter Service and suitable for transmission of binary signals at rates up to 150 bauds.

-Schedule 4

Channels similar in transmission characteristics to those Channels furnished for Private Line Telephone Service are furnished for the transmission of data signals.

b. Channels Limitations

- (1) The number of stations that may be connected and the distance over which satisfactory transmission is possible is limited by operating and transmission factors.

c.. Channels Between Stations All Within the Same Exchange Area

- (1) Channels will be furnished for 2-point and Multi-point service. These Channels are furnished for transmission in 1 direction (HDX) or for simultaneous (FDX) or non-simultaneous transmission in both directions.

d. Channels Between Stations in Separate Exchange Areas

- (1) Channels will be furnished for 2-point and Multi-point service. These Channels are furnished for transmission in 1 direction (HDX) or for simultaneous (FDX) or non-simultaneous transmission in both directions.

e. Channels furnished under this Guidebook may be used only with terminal equipment.

f. Daily Period of Time for Which Service is Furnished

- (1) Channels for Data Transmission are furnished on a 24 hour per day, 7 day per week basis.

15.2. CHANNEL SERVICES

15.2.1 GENERAL (Cont'd)

15.2.1.1 CLASSIFICATION OF CHANNELS (Cont'd)

A. REGULATIONS (Cont'd)

2. Use and Connection of Channels

- a. Channels for Data Transmission furnished under this Guidebook are not permitted to be used for any purpose for which services or Channels are offered in this Company's other Guidebooks, except they may be used for:
 - (1) The creation of additional Channels as provided in Guidebook Part 2, Section 9, and except Schedule 4 Channels may be used for telephotograph (facsimile) transmission purposes.
- b. Channels for Data Transmission furnished under this Guidebook, including Channels created therefrom, are not permitted to be connected with facilities furnished for Exchange service or message toll service, or with facilities furnished for any other classification of Private Line Service or Channel except Schedules 0, 1, 2, 3 and 4 Channels for Data Transmission furnished the customer under this Guidebook, and Channels created therefrom as authorized in the preceding paragraph.
- c. When voice communication is desired alternately with data transmission, channels furnished by the Company with Private Line Telephone Service may be used on an alternate use basis as Channels for Data Transmission - Schedules 0, 1, 2, 3, and 4 as provided in Guidebook Part 15, Section 2.2.
- d. When telephotograph (facsimile) transmission is desired, Schedule 4 Channels may be used for normal black and white transmission without the use of a Dataphone data set. Where picture transmission refinements are required, a suitable Dataphone data set should be used.
- e. The customer shall be responsible for ordering and specifying the type of data channel, the conditioning, and the Dataphone data set considered suitable for operation with the data processing equipment; the undertaking of the Company is to furnish the types of Channels as ordered and specified by the customer.

15.2. CHANNEL SERVICES

15.2.1 GENERAL (Cont'd)

15.2.1.1 CLASSIFICATION OF CHANNELS (Cont'd)

A. REGULATIONS (Cont'd)

3. Private Line Channel Types

<u>Schedule</u>	<u>Grade</u>	<u>Type</u>
Schedule 0	Up to 30 baud	Type 1001
Schedule 1	Up to 45 baud (60 speed teletypewriter)	Type 1002
Schedule 2	Up to 55 baud (75 speed teletypewriter)	Type 1002
Schedule 3	Up to 75 baud (100 speed teletypewriter)	Type 1005
Schedule 3A	Up to 150 baud	Type 1006
Schedule 3A	Low speed signaling system (McCulloh Loop)	Type 1009C
Schedule 3A	Voice	Type 2001
Schedule 3A	Remote operation of radio telephone	Type 2002
Schedule 3A	Foreign Exchange (FX or FEX)	Type 2006
Schedule 3A	Voice grade signal	Type 3001
Schedule 4	Voice grade data	Type 3002
Schedule 4	Local Area Data Channels (LADC)	Type 3003

15.2. CHANNEL SERVICES

15.2.1 GENERAL (Cont'd)

15.2.1.2 NON-RECURRING CHARGES

A. MOVE AND CHANGE CHARGES

This Guidebook contains the charges and conditions that apply to moves and changes in connection with intrastate private line services and channels, within the territory served in Nevada.

B. CHARGES

Moves and changes of wiring on the premises of the customer or authorized user, performed by the Company at the request of the customer, will be subject to the following charges.

1. Channel Termination for Telephone Sets.

If a station on a private line telephone service is moved or changed on the same premises, the following charges apply:

Each move or change of a channel termination ¹	<u>Charge</u> \$85.00
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When a change is made at the time of an inside move or an inside move is made at the time of a change, only one move and change charge applies.

2. Channels for Remote Metering, Supervisory Control and Miscellaneous Signaling Purposes.

Each change in location of a termination of a channel made on the same premises at the customer's request	<u>Charge</u> \$85.00
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NOTE 1: This charge applies in all exchanges and locations outside exchange areas.

15.2. CHANNEL SERVICES

15.2.1 GENERAL (Cont'd)

15.2.1.2 NON-RECURRING CHARGES (Cont'd)

B. CHARGES (Cont'd)

3. Change of Channel Termination Where Customer-Owned Teletypewriter or Morse Station Equipment is Used.

	<u>Charge</u>
- Each termination moved or changed on the same premises at the customer's request	\$85.00

4. Channels for One-Way Program Transmission Networks in Connection with Loudspeakers.

Each change in location of a termination of a transmitting or receiving station channel or station channel extension made on the same premises at the customer's request.

	<u>Charge</u>
- Station channel	\$26.75
- Station channel extension	13.35

5. Channels for Data Transmission (Schedules 0, 1, 2, 3, 3A and 4) and Teletypewriter Channels.

	<u>Charge</u>
- Each termination of a channel moved or changed on the same premises at the customer's request	\$85.00

6. Moves to Different Premises

A change of location from one premise to another will not be treated as a move but as a disconnect and a new installation.

15.2. CHANNEL SERVICES

15.2.1 GENERAL (Cont'd)

15.2.1.3 MAINTENANCE OF SERVICE CHARGE

A. DESCRIPTION

A maintenance of service charge is applicable to each maintenance call by the Company to a customer's premises where a service difficulty or trouble report results from customer-provided equipment and/or facilities.

B. REGULATIONS

1. Maintenance of service charges provided for herein are in addition to the regular schedule of rates.
2. The Company will not repair, adjust or perform other work on the customer-provided equipment and/or facilities.
3. 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 service difficulty or trouble results from the use of customer-provided equipment or facilities, the maintenance of service charge will be applicable.

C. CHARGES

- Private Line Service	<u>Charge</u> \$45.00	<u>USOC</u> MCE
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15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES

15.2.2.1 SERIES 1000 CHANNELS

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES

1. Applicability

- a. This Guidebook contains the Rates and Regulations applicable to Channels for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes, furnished or made available by the Company, over facilities wholly within or partly within and partly without the State of Nevada, between stations, all of the stations being within the territory served in Nevada.

2. Definition

- a. Channels for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes are channel facilities suitable for connecting Metering, Supervisory Control, and Signaling equipment, provided by the customer, and are furnished between specified locations.

3. Description of Channels

- a. The following Channels are furnished to indicate the readings of meters at distant locations, to operate switches which in turn perform some desired operation, or to operate signal devices. The purposes for which a Channel is to be used must be made known to the Company.

(1) Series 1000 - Unconditioned Channels capable of transmitting direct current mark-space or binary signals at rates up to 150 bauds. These Channels are not suitable for the transmission of alternating current tones. These Channels are furnished for Half Duplex (HDX) or Full Duplex (FDX) operation (HDX only for Type 1009C Channels) on a 2-point or Multi-point basis for a minimum period of 1 month. The transmission characteristics and various types of services furnished within this series are as follows:

- Type 1001 - Transmit direct current binary (mark-space) signals at speeds up to 30 bauds for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

- Type 1002 - Transmission up to 55 bauds for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes.
- Type 1005 - Transmission up to 75 bauds for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes.
- Type 1006 - Transmission up to 150 bauds for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes.
- Type 1009C - Low Speed Signaling System - A Channel connecting up to 25 outlying stations (limited by the maximum series resistance of the signaling loop) to a central alarm station location and involving not more than 3 Company serving Central Offices. This Channel does not require metallic interoffice facilities, but does require metallic facilities from the customer-provided interface to the Company-provided encoder/decoder. Transmits closed, open, and ground unidirectional 3 part signals at speeds up to 15 bits per second.

4. Regulations

- a. In addition to the General Regulations and Definitions applicable to Private Line Services and Channels in Guidebook Part 2, Section 2, the following Regulations apply to Channels for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes:

(1) Use of Channels

- Type 1001 - Intraexchange Channel facilities are Channels without battery, repeater equipment, or terminal equipment, except as may be required to derive or suitably terminate the Channel, and without unusual maintenance or supervision.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

- Type 1009C Channel facilities are transmission equipment which provides battery toward the sending location but not toward the receiving location.
- Intraexchange Multipoint Type 1006 Channels will not be furnished.

(2) Full Duplex Service - Local and Interexchange Channels

- Full Duplex (FDX) service is offered on local service between stations, all of which are within the same Exchange Area, and between stations, 2 or more of which are located in separate Exchange Areas, on an entire Private Line service or a portion thereof, on Channels described in Description of Channels A.3. preceding, except Type 1009C Channels.

(3) Daily Periods of Time for which Channels are Furnished

- Channels are furnished on a 24 hour per day, 7 day per week basis only.

(4) Channel Terminations

- The Company suitably terminates its Channels on the premises of the customer or authorized user, using those facilities regularly provided in the plant of the Company within the buildings involved. All wiring at the customer's designated premises is provided by the customer from the point of demarcation to the customer's equipment.

(5) Mileage Measurement - Interexchange Channels

- Two-Point Channels

The rate mileage is the airline distance between the rate centers of the Exchanges (or locations outside Exchange Areas) determined in Guidebook, Part 15, Section 2.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

5.2.2.1 SERIES 1000 CHANNELS (Cont'd)

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

- Multipoint Channels

When a Channel involves more than 2 points, the total interexchange mileage is the sum of the airline distances measured point-to-point, as provided in Two-Point Channels above, to form the shortest continuous line, which will include all points served. In the total mileage, the number of point-to-point sections measured will be 1 fewer than the total number of points connected.

When the customer requests the service points be connected in a specified sequence, the mileage is the shortest airline distance which will connect the rate centers in the specified sequence.

- Channels Furnished Partly by a Connecting Company

Where a portion of a Channel is provided by a connecting Company, the Company mileage is measured to the connecting point with the facilities of the connecting Company.

(6) Allowance for Interruptions

- To Local Channels connecting stations, all of which are within the same Exchange Area:

No credit is allowed for interruptions of less than 1 day. Continuous interruptions of 1 day or more which are not due to the negligence of the customer or authorized user, or the failure of facilities provided by the customer, are credited to the customer at the proportionate part of the monthly channel charge for the period of interruption.

- To Channels connecting stations, 2 or more of which are in separate Exchange Areas:

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

No credit is allowed for interruptions of less than 30 minutes. Continuous interruptions of 30 minutes or more which are not due to the negligence of the customer or authorized user, or the failure of facilities provided by the customer, are credited to the customer at the proportionate part of the monthly channel charge in half-hour multiples, for each half hour or major fraction thereof interruption.

(7) Station Apparatus

- The provision of station apparatus and station wiring, other than any equipment necessary for the suitable termination of the channel facilities on the premises of the customer or authorized user, is the responsibility of the customer. In certain instances, where the customer desires, and the Company is in a position to provide supplemental equipment or battery of a type, which it deems suitable for use with Local Channels furnished under Regulations, the rates and charges for such equipment or battery will be those provided in 5.c. and d below.

(8) Interconnection with Other Channels

- Channels furnished under this Guidebook may not be connected with facilities furnished for Exchange service, toll service, or facilities furnished for any other classification of Private Line service or Channel, and may not be used for any purpose for which services or Channels are offered in connection with Private Line Telephone Service and Channels, and Private Line Teletypewriter Service and Channels.

(9) Station Arrangement

- When Type 1006 Channels are provided, station arrangements are required.
- b. The following specific Regulation applies to the supplemental equipment items for use with Channels for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

(1) Battery

- The furnishing of Central Office battery is subject to the availability of suitable battery supply at a Central Office through which the Channel normally operates. Where additional Channel facilities are required for the purpose of obtaining suitable battery from another Central Office in the same Exchange, or for the purpose of transmitting battery from a Central Office to the premises of a customer or authorized user in the same Exchange, the additional Channel facilities will be charged for at rates and charges provided in this Guidebook.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

5. Charges and Rates

a. Local or Interexchange Private Line Channels

(1) Channel between first 2 terminations on different premises on the same continuous property

	<u>Monthly Rate</u>		
Types 1001 and 1009C: ¹			
- Half Duplex	\$24.00		
- Full Duplex	46.75		
Types 1002 and 1005: ¹			
- Half Duplex	36.75		
- Full Duplex	36.75		
Type 1006: ¹			
- Half Duplex	35.50		
- Full Duplex	35.50		
		<u>Installation Charge</u>	<u>Monthly Rate</u>
			<u>USOC</u>
CPE Termination:			
- Each		\$70.00	NO
			AVESQ

NOTE 1: Half Duplex USOC 1L3A+, Full Duplex USOC 1L3C+.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

(2) Channel between first terminations on different premises on non-continuous property
Monthly Rate

	<u>Monthly Rate</u>
Types 1001 and 1009C: ^{1,a,b}	
- Half Duplex	\$24.00
- Full Duplex	46.75
Types 1002, 1005: ^{1,b}	
- Half Duplex	36.75
- Full Duplex	36.75
Type 1006: ^{1,b}	
- Half Duplex	35.50
- Full Duplex	35.50

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
CPE Termination:			
- Each	\$140.00	NO	27BSQ

NOTE 1: a. Type 1009C - Rates and charges for Local Loops are in addition to the rates and charges shown in (7) following.

b. Half Duplex USOC 1L3AP, Full Duplex USOC 1L3CP.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

(3)Additional termination of the same Channel on different premises on the same continuous property as the first termination

	<u>Monthly Rate</u>		
Types 1001 and 1009C: ^{1,a,b}			
- Half Duplex	\$12.25		
- Full Duplex	23.50		
Types 1002, 1005, and 1006: ^{1,b}			
- Half Duplex	17.75		
- Full Duplex	17.75		
		<u>Installation Charge</u>	<u>Monthly Rate</u> <u>USOC</u>
CPE Termination:			
- Each		\$140.00	NO 27BSQ

NOTE 1a: Type 1009C - Rates and Charges for Local Loops are in addition to the Rates and Charges shown in (7) following.

b: Half Duplex USOC 1L3A3 Full Duplex USOC 1L3C3.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

(4) Parallel Drop - up to 30 Bauds

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Parallel Drop (Up to 30 Bauds): - Local Channel, Each	\$28.00	\$3.00	24A

(5) Type 1009C Channels

The Charges and Rates are in addition to the Charges and Rates shown in 5.a.(2) and 5.a.(3) preceding.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Each Serving Central Office Termination of an Outlying CPE Station (Alarmed Location)	\$25.00	\$4.50	AYX

(6) A change in termination from 1 Channel to another at the customer's request will be treated as a new installation.

(7) Station Arrangement - 150 Baud

- The rate applies:

To each first termination.

Station Arrangement:

- Each

<u>Monthly Rate</u>	<u>USOC</u>
\$75.00	4GTMS

b. Channels between Exchanges (Interexchange Channels)

(1) Each Channel Terminal for terminating a 2-point Channel or 2-point section of a Multipoint Channel in a Central Office

Half or Full Duplex:
- Channel Terminal, Each

<u>Monthly Rate</u>	<u>USOC</u>
\$17.00	P3N

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

(2) Interexchange channel mileage for each 2-point Channel or 2-point section of a Multipoint Channel, per airline mile per month

	<u>Monthly Rate</u>
Type 1001 and 1009C: ¹	
- First 40 Miles, Each	\$4.65
- Next 210 Miles	2.55
- Each Additional Mile	1.80
Type 1002, 1005, and 1006: ¹	
- First 40 Miles, Each	\$3.75
- Next 210 Miles	1.50
- Each Additional Mile	1.00

NOTE 1: The USOCs for Interexchange Mileage are:
Half Duplex - 1L34A
Full Duplex - 1L3C4

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

A. PRIVATE LINE SERVICE AND CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL, AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

c. Battery

	<u>Monthly Rate</u>	<u>USOC</u>
Battery Supply Other Than Dry Cells: - Each A.C. or D.C. Battery Tap	\$1.30	NG7

B. PRIVATE. LINE TELETYPEWRITER SERVICE AND CHANNELS

1. Regulations

a. In addition to the general Regulations and Definitions applicable to Private Line Services and Channels in Guidebook Part 2, Section 2, the following Regulations apply to Private Line Teletypewriter Services and Channels.

(1) All facilities required for these services are furnished by the Company, except as provided in (2) following, and except the customer is required to furnish the power necessary to operate the teletypewriter equipment.

- Private Line Teletypewriter Services and Channels are furnished:

On local service between stations within the same Exchange Area the service is furnished for 24 hours per day, 7 days per week.

On service between stations in separate Exchange Areas the service is furnished for 24 hours per day, 7 days per week.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

B. PRIVATE LINE TELETYPEWRITER SERVICE AND CHANNELS (Cont'd)

(2) Full Duplex Service

On local service between stations within the same Exchange Area, Full Duplex (FDX) service is furnished on an entire Private Line Service or on a portion thereof.

On service between stations in separate Exchange Areas, Full Duplex service on service between stations, 2 or more of which are located in separate Exchange Areas, is furnished on an entire Private Line Service or on a portion thereof.

(3) Customer-provided teletypewriter station equipment must operate at a line signaling speed not to exceed that specified for the channel facilities furnished.

b. Appropriate Regulations in guidebook Part 2, Section 5. also apply.

2. Charges and Rates

a. Local or Interexchange Private Line Teletypewriter Channels

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

B. PRIVATE LINE TELETYPEWRITER SERVICE AND CHANNELS (Cont'd)

(2) Channel between first 2 terminations on different premises on the same continuous property

60, 75, and 100 Speed

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Channel			
- Half Duplex	NO	\$36.75	1LYD+
- Full Duplex	NO	36.75	1LYK+
CPE Termination:			
- Each	\$70.00	NO	AVESQ

150 Baud

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Channel			
- Half Duplex	NO	\$35.50	1LYD+
- Full Duplex	NO	35.50	1LYK+
CPE Termination:			
- Each	\$70.00	NO	AVESQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

B. PRIVATE LINE TELETYPEWRITER SERVICE AND CHANNELS (Cont'd)

(3) Channel between first terminations on different premises on noncontinuous property

60, 75, and 100 Speed

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Channel			
- Half Duplex	NO	\$36.75	1LYDP
- Full Duplex	NO	36.75	1LYKP
CPE Termination:			
- Each	\$140.00	NO	27BSQ

150 Baud

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Channel			
- Half Duplex, Each	NO	\$35.50	1LYDP
- Full Duplex, Each	NO	35.50	1LYKP
CPE Termination:			
- Each	\$70.00	NO	27BSQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

B. PRIVATE LINE TELETYPEWRITER SERVICE AND CHANNELS (Cont'd)

(4) Additional termination of the same Channel on different premises on the same continuous property as the first termination

60, 75, and 100 Speed and 150 Baud

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Channel			
- Half Duplex, Each	NO	\$17.75	1LYD3
- Full Duplex, Each	NO	17.75	1LYK3
CPE Termination:			
- Each	\$140.00	NO	27BSQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

B. PRIVATE LINE TELETYPEWRITER SERVICE AND CHANNELS (Cont'd)

b. Channels between Exchanges

(1) Terminating a 2-point Channel or 2-point section of a Multipoint Channel in a Central Office

	<u>Monthly Rate</u>	<u>USOC</u>
Channel Terminal - Each	\$17.00	P3N

(2) Interexchange Channel Mileage for each 2-point Channel or 2 Point Section of a Multipoint Channel, per Airline Mile

	<u>Monthly Rate</u>
Half Duplex (USOC: 1LYD4) or Full Duplex (USOC: 1LYK4):	
- 0-40 Miles	\$3.75
- Next 210 Miles	1.50
- Each Additional Mile	1.00

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

B. PRIVATE LINE TELETYPEWRITER SERVICE AND CHANNELS (Cont'd)

(3) Each Channel or service also requires a Local Loop for each station location on noncontinuous property (2.a.(3) preceding). In addition, Channel between first terminations on different premises on the same continuous property (2.a.(2) preceding) and additional termination on different premises on the same continuous property (2.a.(4) preceding), also apply if applicable.

c. Station Arrangement - 150 Baud Service

(1) The charge applies:

- once to a Channel entirely on the same premises.
- to each first termination on different premises.

	<u>Monthly Rate</u>	<u>USOC</u>
Station Arrangement:		
- Each	\$75.00	4GTMS

C. CHANNELS FOR DATA TRANSMISSION

1. Definition

a. Channels for Data Transmission are channel facilities furnished between specific locations for the transmission of signals generated by customer-provided data processing equipment.

2. Regulations

- a. This Guidebook contains the rates and regulations applicable to Channels for Data Transmission.
- b. The service is offered wholly within or partly within and partly without the State of Nevada, between stations, all. of the stations being within the Territory served in Nevada.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

C. CHANNELS FOR DATA TRANSMISSION (Cont'd)

c. Channels Limitations

- (1) The number of stations that may be connected and the distance over which satisfactory transmission is possible is limited by operating and transmission factors.

d. Channels Between Stations All Within the Same Exchange Area

- (1) Channels will be furnished for 2-point and Multi-point service. These Channels are furnished for transmission in 1 direction (HDX) or for simultaneous (FDX) or non-simultaneous transmission in both directions.

e. Channels Between Stations in Separate Exchange Areas

- (1) Channels will be furnished for 2-point and Multi-point service. These Channels are furnished for transmission in 1 direction (HDX) or for simultaneous (FDX) or non-simultaneous transmission in both directions.

f. Channels furnished under this Guidebook may be used only with terminal equipment. Such terminal equipment may be provided by the customer.

g. Daily Period of Time for Which Service is Furnished

- (1) Channels for Data Transmission are furnished on a 24 hour per day, 7 day per week basis.

h. Use and Connection of Channels

- (1) Channels for Data Transmission furnished under this Guidebook are not permitted to be used for any purpose for which services or Channels are offered in this Company's other Guidebooks, except they may be used for:

- The creation of additional Channels as provided in Guidebook Part 2, Section 9, and except that Schedule 4 channels may be used for telephotograph (facsimile) transmission purposes.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

C. CHANNELS FOR DATA TRANSMISSION (Cont'd)

- (2) Channels for Data Transmission furnished under this Guidebook, including channels created therefrom, are not permitted to be connected with facilities furnished for Exchange or message toll service, or with facilities furnished for any other classification of Private Line Service or Channel except Schedules 0, 1, 2, and 3 Channels for data transmission furnished the customer under this Guidebook and Channels created therefrom as authorized in the preceding paragraph.
- (3) When voice communication is desired alternately with data transmission, Channels furnished by the Company with Private Line Telephone Service may be used on an alternate use basis as Channels for Data Transmission -Schedules 0, 1, 2, and 3 as provided in this Guidebook.
- (4) The customer shall be responsible for ordering and specifying the type of data channel, the conditioning, and the Dataphone data set considered suitable for operation with their data processing equipment; the undertaking of the Company is to furnish the types of Channels, and the Dataphone data sets as ordered and specified by the customer.

i. Allowance for Interruptions

(1) Channels Connecting Stations all Within the Same Exchange Area.

- No credit is allowed for interruptions of less than 1 day. Continuous interruptions of 1 day or more, which are not due to the negligence of the customer or authorized users, are credited to the customer at the proportionate part of the monthly contract charge for the period of the interruption.

(2) Channels Connecting Stations in Separate Exchange Area.

- When the use of facilities is interrupted for 30 minutes or more, due to any cause other than the negligence of the customer or the failure of facilities provided by the customer, credit is allowed for a proportionate part of the contract charge for the portion of the facilities affected by the interruption, in half-hour multiples for each half-hour or major fraction of half-hour of interruption.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

C. CHANNELS FOR DATA TRANSMISSION (Cont'd)

3. Description of Private Line Channel Types

- | | | | | |
|----------------|---|---|---|------------|
| a. Schedule 0 | - | Up to 30 baud | - | Type 1001 |
| b. Schedule 1 | - | Up to 45 baud
(60 speed teletypewriter) | - | Type 1002 |
| c. Schedule 2 | - | Up to 55 baud
(75 speed teletypewriter) | - | Type 1002 |
| d. Schedule 3 | - | Up to 75 baud
(100 speed teletypewriter) | - | Type 1005 |
| e. Schedule 3A | - | Up to 150 baud | - | Type 1006 |
| f. Schedule 3A | - | Low speed signaling system
(McCulloh loop) | - | Type 1009C |

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

C. CHANNELS FOR DATA TRANSMISSION (Cont'd)

4. Charges and Rates

a. Local or Interexchange Private Line Channels

(1) Channel between first 2 termination on different premises on the same continuous property

Schedule 0

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 1001:			
- Half Duplex, Each	NO	\$24.00	1L6B+
- Full Duplex, Each	NO	46.75	1L6D+
CPE Termination:			
- Each	\$70.00	NO	AVESQ

Schedules 1, 2, and 3

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 1002 and 1005:			
- Half Duplex, Each	NO	\$36.75	1L6B+
- Full Duplex, Each	NO	36.75	1L6D+
CPE Termination:			
- Each	\$70.00	NO	AVESQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

C. CHANNELS FOR DATA TRANSMISSION (Cont'd)

Schedule 3A

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 1006 and 1009C:			
- Half Duplex, Each	NO	\$35.50	1L6B+
- Full Duplex, Each	NO	35.50	1L6D+
CPE Termination:			
- Each	\$70.00	NO	AVESQ

(2) Channel between first terminations on different premises on noncontinuous property

- Local Loop for each first termination on a premise

Schedule 0

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 1006 and 1009C:			
- Half Duplex, Each	NO	\$24.00	1L6BP
- Full Duplex, Each	NO	46.75	1L6DP
CPE Termination:			
- Each	\$140.00	NO	27BSQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

C. CHANNELS FOR DATA TRANSMISSION (Cont'd)

Schedules 1, 2, and 3

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 1002 and 1005:			
- Half Duplex, Each	NO	\$36.75	1L6BP
- Full Duplex, Each	NO	36.75	1L6DP
CPE Termination:			
- Each	\$140.00	NO	27BSQ

Schedule 3A

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 1006 and 1009C:			
- Half Duplex, Each	NO	\$35.50	1L6BP
- Full Duplex, Each	NO	35.50	1L6DP
CPE Termination:			
- Each	\$140.00	NO	27BSQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

C. CHANNELS FOR DATA TRANSMISSION (Cont'd)

- (3) Additional termination of the same Channel on different premises on the same continuous property as the first termination

Schedule 0

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 1001:			
- Half Duplex, Each	NO	\$12.25	1L6B3
- Full Duplex, Each	NO	23.50	1L6D3
CPE Termination:			
- Each	\$140.00	NO	27BSQ

Schedules 1, 2, and 3

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 1006 and 1009C:			
- Half Duplex, Each	NO	\$17.75	1L6B3
- Full Duplex, Each	NO	17.75	1L6D3
CPE Termination:			
- Each	\$140.00	NO	27BSQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

C. CHANNELS FOR DATA TRANSMISSION (Cont'd)

b. Channels between Exchanges (Interexchange Channels)

- (1) Each Channel Terminal for terminating a 2-point Channel or 2-point section of a Multipoint Channel in a Central Office

	Monthly Rate	<u>USOC</u>
Half or Full Duplex: - Channel Terminal, Each	\$17.00	P3N

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.1 SERIES 1000 CHANNELS (Cont'd)

C. CHANNELS FOR DATA TRANSMISSION (Cont'd)

- (2) Interexchange Channel mileage for each 2-point Channel or 2-point section of a Multipoint Channel, per airline mile per month

	<u>Monthly Rate</u>
Schedule 0	
- Half Duplex(USOC: 1L6A4) or	
- Full Duplex(USOC: 1L6C4)	
- 0-40 Miles	\$4.65
- Next 210 Miles	2.55
- Each Additional Mile	1.80
Schedules 1, 2, and 3 and 3A	
- Half Duplex(USOC: 1L6A4) or	
- Full Duplex(USOC: 1L6C4)	
- 0-40 Miles	\$3.75
- Next 210 Miles	1.50
- Each Additional Mile	1.00

- Each channel also requires a local loop for each station location on noncontinuous property. In addition, Channel between first terminations on different premises on the same continuous property and additional termination on different premises on the same continuous property also apply, if applicable.

15.2. CHANNEL SERVICES**15.2.2 CLASSIFICATIONS AND RATES****15.2.2.2 SERIES 2000****A. PRIVATE LINE TELEPHONE SERVICE AND CHANNELS****1. Regulations**

- a. This Guidebook applies to Private Line Telephone Service or Channels, Channels for Remote Operation and Control of Radiotelephone stations, and to Channels in connection with Foreign Exchange service furnished or made available by the Company, over facilities wholly within or partly within and partly without the State of Nevada, between specified locations, all of the locations being within the Territory served in Nevada.
- b. Private Line Telephone Service is providing the requisite facilities, including Channels and equipment, to enable the customer or the customer and authorized user, to communicate orally between specified locations.
- c. Except as provided for in other Guidebooks, Private Line Telephone Channels are channel facilities used to connect customer-provided terminal equipment or communications systems to other customer-provided terminal equipment or communications systems. Channels are furnished to enable the customer, or the customer and authorized user, to communicate orally between specified locations. Channels are furnished only between different premises.
- d. Channels for the remote operation and control of Radiotelephone Stations are channel facilities furnished the customer between specified locations for use in connection with customer-provided Radiotelephone station equipment.
 - (1) These Channels are of a grade similar to those furnished for Local or Interexchange Private Line Telephone Service and Channels.
 - (2) Charges, Rates, and Mileage Measurements are the same as those provided for Local or Interexchange Private Line Telephone Service and Channels. Signaling as shown in 2.c. does not apply.
- e. A charge as for 1 Local Channel applies for each service arranged for communication between 2 stations at 1 time.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

A. PRIVATE LINE TELEPHONE SERVICE AND CHANNELS (Cont'd)

- f. A charge as for 2 Local Channels applies for each service arranged for communication among 3 or more stations at 1 time.
- g. Alternate Use of Private Line Telephone Service Channels for the Remote Operation and Control of Radiotelephone Stations.

(1) The charges for 2-point alternate use are the regular charges for Local or Interexchange Private Line Telephone Service.

- Application of Additional Charges for Multi-point Service

When alternate use is required to more than 2-points on a Multi-point service, additional charges may be applied based upon the cost of any additional equipment used. The additional charges are separate from and in addition to the regular charges computed.

h. Alternate Private Line Telephone-Teletypewriter Service

(1) The charges for 2-point alternate service are the Guidebook charges provided for Interexchange Private Line Telephone Service. When alternate service to more than 2-points is desired, additional charges based upon the additional costs incurred may apply.

i. Alternate Use of Private Line Telephone Service Channels as Channels for Local or Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes

(1) The charges for 2-point alternate use are the regular charges for Local or Interexchange Private Line Telephone Service.

j. Application of Additional Charges for Multi-point service, an additional charge may be applied based upon the cost of any additional equipment used. Additional charges are separate from and in addition to the regular charges computed as outlined above (USOC 7AE).

k. Channels in Connection with Foreign Exchange Service (Noncontiguous Exchange)

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

A. PRIVATE LINE TELEPHONE SERVICE AND CHANNELS (Cont'd)

(1) The charges for Channels in connection with Foreign Exchange service are provided in Charges and Rates, 2.d. Channel Terminal and Interexchange Channel Mileage. Where the airline distance between the rate centers is 20 miles or less, Channel Terminal, charges are not applicable.

1. Switching Arrangements

(1) Local Service or Channels

- Switching arrangements with local services or Channels are provided to permit the customer to connect local services or Channels with other local services or Channels or interexchange services or Channels furnished the customer, to form through connections over the Private Lines. See 2.e.

(2) Interexchange Service or Channels

- Switching arrangements with Interexchange services or Channels are provided to permit the customer to connect 2 or more separate Private Lines, to form through connections over the Private Lines. The charges in 2.e. contemplate the provision of satisfactory transmission for connections over the various combinations of the Private Line network, when there are not more than 2 switching arrangements employed in establishing a given connection, and where the Company provides the entire service. When connection is made through customer provided equipment, the charges contemplate a grade of Channel equivalent to that provided when connection is made through Company provided equipment.

m. Each Private Line connected to a switching arrangement is priced as a separate service, but remains as an integral part of the customer's network.

n. Daily Periods of Time for Which Service is Furnished (1) Local Service or Channels

- Service will be furnished for 24 hours per day, 7 days per week.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

A. PRIVATE LINE TELEPHONE SERVICE AND CHANNELS (Cont'd)

(2) Interexchange Service or Channels

- Service will be furnished for 24 hours per day, 7 days per week,

o. Channels in connection With Foreign Exchange Service

- (1) Channels are furnished to permit the customer to obtain individual line or PBX trunk connections in an unfiled area or in an Exchange served by the Company, noncontiguous to the Exchange from which the service is rendered.

- (2) Customers requesting Channels with Foreign Exchange Service in noncontiguous Exchanges are required to take the service of the Exchange from which service normally would be rendered on the premises on which the Channel terminates.

- (3) Channels are furnished on a 2-point basis only.

- (4) Channels will not be provided with PBX switchboards located in hotels or apartment houses.

p. Mileage Measurements Interexchange Channels

(1) Two-point Service

- The rate mileage is the airline distance between the rate centers of the Exchanges (or locations outside Exchange Areas) determined in Guidebook Part 15, Section 2.

(2) Multi-Point Service

- Except as provided in the next paragraph, the interexchange mileage for Multi-point service is the combination of airline distances connecting service points which will produce the lowest total interexchange mileage charge. The airline distance between each pair of points is determined in (1) preceding.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

A. PRIVATE LINE TELEPHONE SERVICE AND CHANNELS (Cont'd)

- When the customer requests the service points be connected in a specified sequence, the interexchange mileage is the shortest airline mileage, determined in the preceding paragraph, which will connect the service points in the specified sequence.
- Each Channel connected to an Interexchange Channel switching arrangement is considered a separate Channel for which the interexchange mileage is independently computed.

(3) Service Furnished Partly by a Connecting Company

- Where a portion of a service is provided by a connecting Company, Company mileage is measured to the connecting point with the facilities of the connecting Company.

q. Allowance for Interruptions

(1) Local Service or Channels

- No credit is allowed for interruptions of less than 1 day. Continuous interruptions of 1 day or more, which are not due to the negligence of the customer or authorized users, are credited to the customer at the proportionate part of the monthly contract charge for the period of interruption.

(2) Interexchange Service or Channels

- No credit is allowed for continuous interruptions of less than 30 minutes. Continuous interruptions of 30 minutes or over, which are not due to the negligence of the customer or authorized users, are credited to the customer at the proportionate monthly contract charge, in half-hour multiples for each half hour or major fraction of each half-hour of interruption.

(3) Message toll telephone service furnished at a customer's request, when customer's Private Line Service is interrupted, is charged at the toll rates for message toll telephone service.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

A. PRIVATE LINE TELEPHONE SERVICE AND CHANNELS (Cont'd)

2. Charges and Rates

a. Local or Interexchange Private Line Telephone Service and Channels

(1) Channel between the first 2 terminations on different premises on the same continuous property

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Half Duplex:			
- Type 2001, Each	NO	\$46.75	1LPJ+
- Type 2002, Each	NO	46.75	1L1B+
Full Duplex:			
- Type 2001, Each	NO	\$46.75	1LPN+
- Type 2002, Each	NO	46.75	1L1F+
CPE Termination:			
- Each	\$70.00	NO	AVESQ

(2) Channel between first terminations on different premises on noncontinuous property

- Local Loop for each first termination on a premises

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Half Duplex:			
- Type 2001, Each	NO	\$46.75	1LPJP
- Type 2002, Each	NO	46.75	1L1BP

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

A. PRIVATE LINE TELEPHONE SERVICE AND CHANNELS (Cont'd)

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Full Duplex:			
- Type 2001, Each	NO	\$46.75	1LPNP
- Type 2002, Each	NO	46.75	1L1FP
CPE Termination:			
- Each	\$140.00	NO	27BSQ

(3) Additional termination of the same Channel on different premises on the same continuous property as the first termination

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Half Duplex:			
- Type 2001, Each	NO	\$23.50	1LPJ3
- Type 2002, Each	NO	23.50	1L1B3
Full Duplex:			
- Type 2001, Each	NO	\$23.50	1LPN3
- Type 2002, Each	NO	236.50	1L1F3
CPE Termination:			
- Each	\$140.00	NO	27BSQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

A. PRIVATE LINE TELEPHONE SERVICE AND CHANNELS (Cont'd)

c. Signaling (If Required)

	<u>Monthly Rate</u>	<u>USOC</u>
Signaling: - Per Local Loop or Channel	\$19.25	AS2

d. Channels Between Exchanges (Interexchange Channels)

- (1) Each channel terminal for terminating a 2-point Channel or 2-point section of a Multipoint Channel in a Central Office

	<u>Monthly Rate</u>	<u>USOC</u>
Channel Terminal - Each	\$17.00	P3N

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

A. PRIVATE LINE TELEPHONE SERVICE AND CHANNELS (Cont'd)

(2) Interexchange Channel Mileage for each 2-point Channel or 2-point section of a Multipoint Channel, per airline mile per month

	<u>Monthly Rate</u>	<u>USOC</u>
First 40 Miles:		
- Half Duplex , Each	\$2.10	1LPJ4
- Full Duplex , Each	2.10	1LPN4
Next 210 Miles:		
- Half Duplex , Each	1.95	1LPA4
- Full Duplex , Each	1.95	1LPE4
	<u>Monthly Rate</u>	
Each Additional Mile: ¹		
- Half or Full Duplex	.60	

(3) Each Channel or service also requires a Local Loop for each station location on noncontinuous property (2.b.(3) preceding). In addition, a Channel between first terminations on different premises on the same continuous property (2.b.(2)) and additional termination of the same Channel on different premises on the same continuous property (2.b.(4) preceding) also apply, if applicable.

(4) Where a switching arrangement is provided, each station or termination on an Interexchange Service or Channel at the switching point requires a Local Loop and Channel terminal for each of the Interexchange Private Lines to which it is connected and which can be operated as a separate private line.

NOTE 1: Half Duplex USOC 1L1A4, Full Duplex USOC 1L1E4.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

A. PRIVATE LINE TELEPHONE SERVICE AND CHANNELS (Cont'd)

e. Switching Arrangements (See Regulation in Guidebook Part 15, Section 2)

(1) A charge applies at the switching point for each Local or Interexchange Private Line arranged for switching.

	<u>Monthly Rate</u>	<u>USOC</u>
Switching Arrangement:		
Local Service or Channel:		
- Each	\$10.00	29A
Interexchange Service or Channel:		
- Each	\$10.00	XPL

B. PRIVATE LINE SERVICES AND CHANNELS FOR DATA TRANSMISSION

1. Definition

a. Channels for Data Transmission are channel facilities furnished between specific locations for the transmission of signals generated by customer provided data processing equipment.

2. Regulations

a. This service is offered wholly within or partly within and partly without the State of Nevada, between stations, all of the stations being within the Territory served in Nevada.

b. This Guidebook contains the Rates and Regulations applicable to Channels for Data Transmission.

c. Channels Limitations

(1) The number of stations that may be connected and the distance over which satisfactory transmission is possible is limited by operating and transmission factors.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

B. PRIVATE LINE SERVICES AND CHANNELS FOR DATA TRANSMISSION (Cont'd)

d. Channels Between Stations All Within the Same Exchange Area

- (1) Channels will be furnished for 2-point and Multi-point service. These Channels are furnished for transmission in 1 direction (HDX) or for simultaneous (FDX) or non-simultaneous transmission in both directions.

e. Channels Between Stations in Separate Exchange Areas

- (1) Channels will be furnished for 1-point and Multi-point service. These Channels are furnished for transmission in 1 direction (HDX) or for simultaneous (FDX) or non-simultaneous transmission in both directions.

f. Channels furnished under this Guidebook may be used only with terminal equipment. Such terminal equipment may be provided by the customer.

g. Daily Period of Time for Which Service is Furnished

- (1) Channels for Data Transmission are furnished only on a 24 hour per day, 7 day per week, basis.

h. Use and Connection of Channels

- (1) Channels for Data Transmission furnished under this Guidebook are not permitted to be used for any purpose for which services or Channels are offered in this Company's other Guidebooks, except they may be used for:

- The creation of additional Channels as provided in Guidebook Part 2, Section 9, and except Schedule 4 channels may be used for telephotograph (facsimile) transmission purposes.

- (2) Channels for Data Transmission furnished under this Guidebook, including Channels created therefrom, are not permitted to be connected with facilities furnished for Exchange or message toll service, or with facilities furnished for any other classification of Private Line Service or Channel except Schedule 3A Channels for data transmission furnished the customer under this Guidebook, and Channels created therefrom as authorized in the preceding paragraph.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

B. PRIVATE LINE SERVICES AND CHANNELS FOR DATA TRANSMISSION (Cont'd)

- (2) When voice communication is desired alternately with data transmission, Channels furnished by the Company with Private Line Telephone Service may be used on an alternate use basis as Channels for Data Transmission - Schedule 3A as provided in this Guidebook.
- (3) The customer shall be responsible for ordering and specifying the type of data channel, the conditioning, and the Dataphone Data Set considered suitable for operation with his data processing equipment; the undertaking of the Company is to furnish the types of channels, and the Dataphone Data Sets as ordered and specified by the customer.

i. Allowance for Interruptions

(1) Channels Connecting Stations all Within the Same Exchange Area

- No credit is allowed for interruptions of less than 1 day. Continuous interruptions of 1 day or more, which are not due to the negligence of the customer or authorized users, are credited to the customer at the proportionate part of the monthly contract charge for the period of the interruption.

(2) Channels Connecting Stations in Separate Exchange Areas

- When the use of facilities is interrupted for 30 minutes or more, due to any cause other than the negligence of the customer or the failure of facilities provided by the customer, credit is allowed for a proportionate part of the contract charge for the portion of the facilities affected by the interruption, in half-hour multiples for each half-hour or major fraction of half-hour of interruption.

3. Description of Private Line Channel Types

- a. 3A - Voice - Type 2001
- b. 3A - Remote Operation of Radio Telephone (RTO) - Type 2002
- c. 3A - Foreign Exchange (FX or FEX) - Type 2006

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2 000 (Cont'd)

B. PRIVATE LINE SERVICES AND CHANNELS FOR DATA TRANSMISSION (Cont'd)

4. Charges and Rates

a. Local or Interexchange Private Line Channels (Schedule 3A.)

(1) Channel between first 2 terminations on different premises on the same continuous property.

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 2001, 2002, and 2006:			
- Half Duplex, Each	NO	\$35.00	1L6B+
- Full Duplex, Each	NO	35.00	1L6D+
CPE Termination:			
- Each	\$70.00	NO	AVESQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

B. PRIVATE LINE SERVICES AND CHANNELS FOR DATA TRANSMISSION (Cont'd)

(3) Channel between first terminations on different premises on noncontinuous property

- Local Loop for each first termination on a premises

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 2001, 2002, and 2006:			
- Half Duplex, Each	NO	\$35.50	1L6BP
- Full Duplex, Each	NO	35.50	1L6DP
CPE Termination:			
- Each	\$140.00	NO	27BSQ

(4) Additional termination of the same Channel on different premises on the same continuous property as the first termination

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 2001, 2002, and 2006:			
- Half Duplex, Each	NO	\$17.75	1L6B3
- Full Duplex, Each	NO	17.75	1L6D3
CPE Termination:			
- Each	\$140.00	NO	27BSQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

B. PRIVATE LINE SERVICES AND CHANNELS FOR DATA TRANSMISSION (Cont'd)

b. Channels between Exchanges (Interexchange Channels)

- (1) Each channel terminal for terminating a 2-point Channel or 2-point section of a Multipoint Channel in a Central Office

	<u>Monthly Rate</u>	<u>USOC</u>
Half or Full Duplex: - Channel Terminal, Each	\$17.00	P3N

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.2 SERIES 2000 (Cont'd)

B. PRIVATE LINE SERVICES AND CHANNELS FOR DATA TRANSMISSION (Cont'd)

- (2) Interexchange channel mileage for each 2-point Channel or 2-point section of a Multipoint Channel, per airline mile per month

	<u>Monthly Rate</u>
Schedule 3A	
- Half Duplex(USOC: 1L6A4) or	
- Full Duplex(USOC: 1L6C4)	
- 0-40 Miles	\$3.75
- Next 210 Miles	1.50
- Each Additional Mile	1.00

- (3) Each channel also requires a local loop for each station location on noncontinuous property (4.a.(3) preceding). In addition, Channel between first terminations on different premises on the same continuous property (4.a.(2) preceding) and additional termination of the same Channel on different premises on the same continuous property (4.a.(4) preceding) also apply, if applicable.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES

15.2.2.3 SERIES 3000 CHANNELS

A. CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL AND MISCELLANEOUS SIGNALING PURPOSES

1. Applicability

- a. This Guidebook contains the Rates and Regulations applicable to Channels for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes, furnished or made available by the Company, over facilities wholly within or partly within and partly without the State of Nevada, between stations, all of the stations being within the territory served in Nevada.

2. Definition

- a. Channels for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes are channel facilities suitable for connecting Metering, Supervisory Control, and Signaling Equipment, provided by the customer, and are furnished between specified locations.

3. Description of Channels

- a. The following Channels are furnished to indicate the readings of meters at distant locations, to operate switches which in turn perform some desired operation, or to operate signal devices. The purposes for which a Channel is to be used must be made known to the Company.

b. Series 3000

- Type 3001 - Approximate bandwidth of 300-3000 Hertz with transmission characteristics similar to those of Private Line Telephone Service. Furnished for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes.

4. Regulations

- a. In addition to the General Regulations and Definitions applicable to Private Line Services and Channels Guidebook Part 2, Section 2, the following Regulations apply to Channels for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes:

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

A. CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

(1) Use of Channels

- Type 3001 Channels are suitable for the transmission of tones. They are not suitable for the transmission of direct current pulses.
- Customers by the use of their own equipment, and with the normal transmission characteristics of Type 3001 Channels described in Description of Channels 15.2.2.3.A.3., preceding, may create additional Channels from the Channels furnished by the Company, if the Channels created are used for Remote Metering, Supervisory Control, and Miscellaneous Signaling purposes.
- Customers by the use of their own equipment, and with the normal transmission characteristics of Type 3001 Channels described in Description of Channels 3., preceding, may transmit more than 1 tone in sequence or simultaneously.

(2) Full Duplex Service - Local and Interexchange Channels

- Full Duplex (FDX) service is offered on local service between stations, all of which are within the same Exchange Area, and between stations, 2 or more of which are located in separate Exchange Areas, on an entire Private Line service or a portion thereof, on Channels described in Description of Channels 15.2.2.3.A.3., preceding, except Type 1009C Channels.

(3) Daily Periods of Time for Which Channels are Furnished

- Channels are furnished on a 24 hour per day, 7 day per week basis only.

(4) Channel Terminations

- The Company suitably terminates its Channels on the premises of the customer or authorized user, using those facilities regularly provided in the plant of the Company within the buildings involved. All wiring at the customer's designated premises is provided by the customer from the point of demarcation to the customer's equipment.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

A. CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

(5) Mileage Measurement - Interexchange Channels

- Two-Point Channels

The rate mileage is the airline distance between the rate centers of the Exchanges (or locations outside Exchange Areas) determined in Part 15, Section 2 of this Guidebook.

- Multipoint Channels

When a Channel involves more than 2 points, the total interexchange mileage is the sum of the airline distances measured point-to-point, as provided in Two-point Channels above, to form the shortest continuous line which will include all points served. In the total mileage, the number of point-to-point sections measured will be 1 fewer than the total number of points connected.

When the customer requests the Exchange Areas be connected in a specified sequence, the mileage is the shortest airline distance which will connect the rate centers in the specified sequence.

- Channels Furnished Partly by a Connecting Company

Where a portion of a Channel is provided by a connecting Company, the Company mileage is measured to the connecting point with the facilities of the connecting Company.

(6) Allowance for Interruptions

- To local Channels connecting stations, all of which are within the same Exchange Area:

No credit is allowed for interruptions of less than 1 day. Continuous interruptions of 1 day or more which are not due to the negligence of the customer or authorized user, or the failure of facilities provided by the customer, are credited to the customer at the proportionate part of the monthly channel charge for the period of interruption.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

A. CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

- To Channels connecting stations, 2 or more of which are in separate Exchange Areas.

No credit is allowed for interruptions of less than 30 minutes. Continuous interruptions of 30 minutes or more which are not due to the negligence of the customer or authorized user, or the failure of facilities provided by the customer, are credited to the customer at the proportionate part of the monthly channel charge in half-hour multiples, for each half hour or major fraction thereof of interruption.

(7) Station Apparatus

- The provision of station apparatus and station wiring, other than any equipment necessary for the suitable termination of the channel facilities on the premises of the customer or authorized user, is the responsibility of the customer.- In certain instances, however, where the customer desires and the Company is in a position to provide supplemental equipment, or battery of a type which it deems suitable for use with local Channels furnished under Regulations 4., preceding, the rates and charges for such equipment or battery will be those provided in Part 15, Section 2 of this Guidebook.

(8) Interconnection with Other Channels

- Channels furnished under this Guidebook may not be connected with facilities furnished for Exchange service, toll service, or facilities furnished for any other classification of Private Line service or Channel, and may not be used for any purpose for which services or Channels are offered in connection with Private Line Telephone Service and Channels, and Private Line Teletypewriter Service and Channels.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

A. CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

5. Charges and Rates

a. Local or Interexchange Private Line Channels – Type 3001

(1) Channel between first 2 terminations on different premises on the same continuous property

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 3001:			
- Half Duplex, Each	NO	\$40.00	1L3A+
- Full Duplex, Each	NO	60.50	1L3C+
CPE Termination:			
- Each	\$70.00	NO	AEVSQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

A. CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

(2) Channel between first terminations on different premises on noncontinuous property

- Local Loop for Each First Termination

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 3001:			
- Half Duplex, Each	NO	\$40.00	1L3AP
- Full Duplex, Each	NO	60.50	1L3CP
CPE Termination:			
- Each	\$140.00	NO	27BSQ

(3) Additional termination of same Channel on different premises on the same continuous property as first termination

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 3001:			
- Half Duplex, Each	NO	\$2025	1L3A3
- Full Duplex, Each	NO	30.25	1L3C3
CPE Termination:			
- Each	\$70.00	NO	27BSQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

A. CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

b. Channels between Exchanges (Interexchange Channels)

- (1) Each channel terminal for terminating a 2-point Channel or 2-point section of a Multipoint Channel in a Central Office

	<u>Monthly Rate</u>	<u>USOC</u>
Half Duplex:		
- Channel Terminal, Each	\$17.00	P3N

- (2) Interexchange Channel mileage for each 2-point Channel or 2-point section of a Multipoint Channel, per airline mile per month

	<u>Monthly Rate</u>
- Half Duplex(USOC: 1L6A4) or	
- Full Duplex(USOC: 1L6C4)	
- 0-40 Miles	\$2.10
- Next 210 Miles	1.95
- Each Additional Mile	.60

I

15.2. CHANNEL SERVICES

15.2.2. CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3 000 CHANNELS (Cont'd)

A. CHANNELS FOR REMOTE METERING, SUPERVISORY CONTROL AND MISCELLANEOUS SIGNALING PURPOSES (Cont'd)

(3) Each Interexchange Channel also requires a Local loop for each station location on noncontinuous property, 5.a.(3) preceding. If applicable, additional termination of the same Channel on different premises on the same continuous property as the first termination, 5.a.(4) preceding also applies.

(4) Station Arrangement - 150 Bauds

- This charge applies:

once to a Channel entirely on the same premises.

to each first termination on different premises.

	Monthly <u>Rate</u>	<u>USOC</u>
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Station Arrangement:

- Each

\$75.00	4GTMS
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(5) Channel conditioning arrangements may be provided for Type 3001 Channels with the rates and provisions of Part 15, Section 2 of this Guidebook.

(6) Signaling for Type 3001 Channels (If Required)

	Monthly <u>Rate</u>	<u>USOC</u>
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- Per Local Loop or Channel Arranged¹

\$6.25	AS1
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(7) A change in termination from 1 channel to another at the customer's request will be treated as a new installation.

NOTE 1: For Local Loop Rate see 5.a.(3) preceding, or the Channel Rate in 5.a.(l) or 5.a.(2) preceding.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

B. CHANNELS FOR DATA TRANSMISSION

1. Definition

- a. Channels for Data Transmission are channel facilities furnished between specific locations for the transmission of signals generated by customer-provided data processing equipment.

2. Regulations

- a. This Guidebook contains the rates and regulations applicable to Channels for Data Transmission.
- b. This service is offered wholly within or partly within and partly without the State of Nevada, between stations, all of the stations being within the Territory served in Nevada.

c. Channels Limitations

- (1) The number of stations that may be connected and the distance over which satisfactory transmission is possible is limited by operating and transmission factors.

d. Channels Between Stations All Within the Same Exchange Area

- (1) Channels will be furnished for 2-point and Multi-point Service. These Channels are furnished for transmission in 1 direction (HDX) or for simultaneous (FDX) or non-simultaneous transmission in both directions.

e. Channels Between Stations in Separate Exchange Areas

- (1) Channels will be furnished for 2-point and Multi-point service. These Channels are furnished for transmission in 1 direction (HDX) or for simultaneous (FDX) or non-simultaneous transmission in both directions.

f. Channels furnished under this Guidebook may be used only with terminal equipment.

g. Daily Period of Time for Which Service is Furnished

- (1) Channels for Data Transmission are furnished on a 24 hour per day, 7 day per week basis.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

B. CHANNELS FOR DATA TRANSMISSION (Cont'd)

h. Use of Channels

- (1) Channels for Data Transmission furnished under this Guidebook are not permitted to be used for any purpose for which services or Channels are offered in this Company's other Guidebooks, except they may be used for:
 - The creation of additional Channels as provided in Part 2, Section 9 of this Guidebook, and except Schedule 4 channels may be used for telephotograph (facsimile) transmission purposes.
- (2) Channels for Data Transmission furnished under this Guidebook, including Channels created therefrom, are not permitted to be connected with facilities furnished for Exchange service or message toll service, or with facilities furnished for any other classification of Private Line Service or Channel, except Schedules 3A and 4 Channels for Data Transmission furnished the customer under this Guidebook and Channels created therefrom as authorized in the preceding paragraph.
- (3) When voice communication is desired alternately with data transmission, Channels furnished by the Company with Private Line Telephone Service may be used on an alternate use basis as Channels for Data Transmission - Schedules 3A and 4 as provided in Guidebook Part 15, Section 2.
- (4) When telephotograph (facsimile) transmission is desired, Schedule 4 Channels may be used for normal black and white transmission without the use of a Dataphone data set. Where picture transmission refinements are required, a suitable Dataphone data set should be used.
- (5) The customer shall be responsible for ordering and specifying the type of Data Channel, the Conditioning, and the Dataphone data set considered suitable for operation with the data processing equipment; the undertaking of the Company is to furnish the types of Channels, and the Dataphone data sets as ordered and specified by the customer.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

B. CHANNELS FOR DATA TRANSMISSION (Cont'd)

i. Allowance for Interruptions

(1) Channels Connecting Stations all Within the Same Exchange Area

- No credit is allowed for interruptions of less than 1 day. Continuous interruptions of 1 day or more, which are not due to the negligence of the customer or authorized users, are credited to the customer at the proportionate part of the monthly contract charge for the period of the interruption.

(2) Channels Connecting Stations in Separate Exchange Areas

- When the use of facilities is interrupted for 30 minutes or more, due to any cause other than the negligence of the customer or the failure of facilities provided by the customer, credit is allowed for a proportionate part of the contract charge for the portion of the facilities affected by the interruption, in half-hour multiples for each half-hour or major fraction of half-hour of interruption.

j. Channel Conditioning

- (1) When at the request of a customer, a Channel furnished under Schedule 4 is conditioned to meet specifications for Types C1, C2, or C4 conditioning, the rates and charges in Guidebook Part 15, Section 2 apply.

3. Description of Data Channels

a. Schedule 3A - Voice Grade Signal - Type 3001 Channel

b. Schedule 4 - Voice Grade Data - Type 3002

4. Charges and Rates

a. Local or Interexchange Private Line Channels - Schedules 3A and 4 Nevada

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

B. CHANNELS FOR DATA TRANSMISSION (Cont'd)

(2) Channel between first 2 terminations on different premises on the same continuous property.

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 3001:			
- Half Duplex, Each	NO	\$35.50	1L6B+
- Full Duplex, Each	NO	35.50	1L6D+
CPE Termination:			
- Each	\$70.00	NO	AEVSQ

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 3002:			
- Half Duplex, Each	NO	\$40.00	1L6B+
- Full Duplex, Each	NO	60.50	1L6D+
CPE Termination:			
- Each	\$70.00	NO	AEVSQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

B. CHANNELS FOR DATA TRANSMISSION (Cont'd)

(3) Channel between first terminations on different premises on noncontinuous property

- Local Loop for each first termination on a premises

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 3001:			
- Half Duplex, Each	NO	\$35.50	1L6BP
- Full Duplex, Each	NO	35.50	1L6DP
CPE Termination:			
- Each	\$140.00	NO	27BSQ

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 3002:			
- Half Duplex, Each	NO	\$40.00	1L6B+
- Full Duplex, Each	NO	60.50	1L6D+
CPE Termination:			
- Each	\$140.00	NO	27BSQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

B. CHANNELS FOR DATA TRANSMISSION (Cont'd)

- (1) Additional termination of the same Channel on different premises on the same continuous property as the first termination

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 3001:			
- Half Duplex, Each	NO	\$17.75	1L6B3
- Full Duplex, Each	NO 1L6DP3	17.75	
CPE Termination:			
- Each	\$140.00	NO	27BSQ

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 3002:			
- Half Duplex, Each	NO	\$20.25	1L6B3
- Full Duplex, Each	NO	30.25	1L6D3
CPE Termination:			
- Each	\$140.00	NO	27BSQ

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

B. CHANNELS FOR DATA TRANSMISSION (Cont'd)

(5) Bulk Pricing

Bulk pricing permits customers with a large volume requirement for 3002 channels within the Reno or Carson exchanges to subscribe to a Guidebook rate which will provide for discounted channel pricing.

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type 3002, Bulk Pricing:			
Channel between first terminations on different premises on noncontinuous property			
- Local Loop for each first termination on a premises			
- Half Duplex, Each	NO	\$25.06	1L9B+
- Full Duplex, Each ¹	NO	47.40	1L9D+
Channel Terminal, Bulk Pricing:			
- Half Duplex, Each	NO	12.00	P3N9+
- Full Duplex, Each ¹	NO	12.00	P3N9+
Interoffice Channel Mileage			
Bulk Pricing for each two-point channel or two-point section of a multi-point channel,			
- per airline mile per month ²	NO	1.11	1L9A+
Charge to meet Bulk Pricing "minimum" channel service charge requirement,			
- per channel	NO MNMM+	90.04	

In addition to all other rules, regulations and conditions as provided elsewhere in these Guidebooks the following regulations are applicable:

(a) The Company will establish a minimum service period for each Bulk Pricing customer.

NOTE 1: The customer is subject to all appropriate nonrecurring charges as outlined in these Guidebooks for installations, additions, moves or changes associated with rate elements covered by Bulk Pricing.

NOTE 2: Mileage measurement in Guidebook Part 15, Section 2, between wire centers is calculated as detailed in Guidebook Part 15, Section 2.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

B. CHANNELS FOR DATA TRANSMISSION (Cont'd)

- (b) A minimum of 100 channels must be ordered from the Company.
- (c) The customer assumes the obligation for billing for 80% of the channels in service at the time of subscription to Bulk Pricing for the length of the Bulk Pricing minimum service period. Any reductions in the number of channels below the 80% commitment will result in a minimum service charge for the duration of the minimum service period.
- (d) With the permission of the Company, the obligation to pay the Bulk Pricing charges for the remainder of the minimum service period may be assigned to another customer.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

B. CHANNELS FOR DATA TRANSMISSION (Cont'd)

b. Channels between Exchanges (Interexchange Channels)

- (1) Each Channel terminal for terminating a 2-point Channel or 2-point section of a Multipoint Channel in a Central Office

	<u>Monthly Rate</u>	<u>USOC</u>
Channel Terminal:		
- Each	\$17.00	P3N

- (2) Interexchange channel mileage for each 2-point Channel or 2-point section of a Multipoint Channel, per airline mile per month

	<u>Monthly Rate</u>
Schedule 3A:	
- Half Duplex(USOC: 1L6A4) or	
- Full Duplex(USOC: 1L6C4)	
- 0-40 Miles	\$3.75
- Next 210 Miles	1.50
- Each Additional Mile	1.00
Schedule 4:	
- Half Duplex(USOC: 1L6A4) or	
- Full Duplex(USOC: 1L6C4)	
- 0-40 Miles	\$2.10
- Next 210 Miles	1.95
- Each Additional Mile	.60

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

B. CHANNELS FOR DATA TRANSMISSION (Cont'd)

(3) Each channel also requires a local loop for each station location on noncontinuous property (4.a.(3) preceding). In addition, channel between first terminations on different premises on the same continuous property (4.a.(2) preceding) and additional termination on different premises on the same continuous property (4.a.(4) preceding) also apply, if applicable.

(4) Signaling for Schedule 4 Channels (If Required)

	<u>Monthly Rate</u>	<u>USOC</u>
Local Loop or Channel: - Arranged for Signaling	\$6.25	AS1

(5) Station Arrangements - Schedule 3A

- The rate applies:
 once to a Channel entirely on the same premises.
 to each first termination on different premises.

	<u>Monthly Rate</u>	<u>USOC</u>
Station Arrangements: - Each	\$75.00	4GTMS

(6) Switching Arrangements for Schedule 4 Channels are furnished with the rates and provisions of Guidebook Part 15, Section 2.

(7) Channel Conditioning for Schedule 4 Channels is furnished with the rates and provisions of Guidebook Part 15, Section 2.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

C. LOCAL AREA DATA CHANNELS (LADC)

1. Definition

- a. Local Area Data Channels are channels for transmission of data signals on non-loaded metallic facilities between two points, within the same serving wire center, that are located not more than the cable route miles as specified in Technical Reference PUB41028.

2. Regulations

- a. The number of stations that may be connected is two and the distance over which satisfactory transmission is possible can be found in Technical Reference PUB41028.
- b. Channels will be furnished for two-point service within the same wire center. Multi-point service is not available.
- c. Special Construction Charges will be applicable if any modifications are required to existing facilities (refer to Part 2, Section 5 of this Guidebook).
- d. Daily Period of Time for which service is furnished. Channels are furnished only on a twenty-four hour per day, seven day per week basis .
- e. Use of Channels

A Local Area Data Channel connecting two terminations will consist of a local loop dry facility (2 or 4 wire) with channel protection unit as per Technical Reference PUB41028, from each termination to their common serving wire center.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

C. LOCAL AREA DATA CHANNELS (LADC) (Cont'd)

f. Conditions and Availability

- (1) Limited Distance Modems (LDM) require transmission facilities with characteristics normally found in metallic wire facilities. Such channels will be furnished only where metallic facilities are normally available between the service points.
- (2) Company has no obligation to provide service if non-loaded metallic facilities are not available.

g. Special Conditions

Where indicated in the Charges and Rates following:

The Charges and Rates apply only to those channels in service as of the filing effective date and which continue to be furnished to the same customer at the same location.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATIONS AND RATES (Cont'd)

15.2.2.3 SERIES 3000 CHANNELS (Cont'd)

C. LOCAL AREA DATA CHANNELS (LADC) (Cont'd)

3. Charges and Rates.

a. Channel between first two terminations on different premises on the same continuous property.

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type:			
- 2-Wire, Each	NO	\$60.50	1L6G+
- 4-Wire, Each	NO	60.50	1L6G+
Termination:			
- Each	\$70.00	NO	AEVSQ

b. Channel between two terminations.

Local Loop for each termination.

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Type:			
- 2-Wire, Each	NO	\$60.50	1L6GP
- 4-Wire, Each	NO	60.50	1L6GP
Termination:			
- Each	\$140.00	NO	27BSQ

NOTE 1: See Regulations - Special Conditions (g).

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATION AND RATES

15.2.2.4 OTHER CHANNELS

A. BELL AND LIGHTS SYSTEM ATTACK WARNING SERVICE

This service is not offered at this time.

B. FARMER LINES

1. Application of Guidebook

This Guidebook contains the rates and conditions that apply to channels for farmer lines furnished or made available by the Company over facilities wholly within or partly within and partly without the State of Nevada, between specific locations within the same exchange area, all of said locations being within the territory served in Nevada.

2. Definition

Channels for farmer lines are channel facilities in cable or open wire, suitable for use in connection with farmer line service, and are furnished within the suburban area of an exchange between specific locations.

3. Regulations

In addition to the general regulations and definitions that apply to private line services and channels set forth in Part 2, Section 2 of this Guidebook, the following regulations apply to channels for farmer lines.

a. Channel Facilities Furnished

Channels for farmer lines are cable and/or open wire facilities furnished only in the suburban area of an exchange where the Company's plant extends or is extended beyond the base rate area, which are suitable for use in connection with farmer line service. Such channels are offered subject to the availability of facilities and the requirements of the Company's exchange telephone services.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATION AND RATES (Cont'd)

15.2.2.4 OTHER CHANNELS (Cont'd)

B. FARMER LINES (Cont'd)

The channels are furnished:

Between the base rate area boundary and the point or points at which connection is made with the customer's privately owned facilities.

In sections of cable or open wire between two or more points in the suburban area at which connection is made with the customer's privately owned facilities.

Connection of customer's service wires at intermediate points on the channel, if required, will be made only at locations designated by the Company.

b. Daily Periods of Time for which Channels are Furnished

The channels are furnished for 24 hours per day, 7 days per week.

c. Mileage Measurement

(1) Two-point Channels

For channels furnished as in a.(1) preceding, the channel measurement is the air-line distance measured between the point at which the Company's facilities crosses the base rate area boundary and the most distant point of connection with the customer's privately owned facilities.

For channels furnished as in a.(2) preceding, the channel measurement is the air-line distance measured between the two points of connection with the customer's privately owned facilities which are farthest apart.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATION AND RATES (Cont'd)

15.2.2.4 OTHER CHANNELS (Cont'd)

B. FARMER LINES (Cont'd)

(2) Multi-point Channels

If connections with the customer's privately owned facilities are provided on two or more legs of Company facilities, measurement shall be made point-to-point so as to form the shortest continuous air-line measurement between the measuring points as specified in (1) preceding, which will include each other point of connection with the customer's privately owned facilities most distant on the route of its leg of Company facilities. Measurements shall be made separately in each section between measuring points along the pricing route, a fractional one-quarter mile in any such section being considered as a full one-quarter mile.

d. Minimum Charge

The minimum charge for a channel will be that for one year.

e. Allowance for Interruptions

No credit is allowed for interruptions of less than one day. Continuous interruptions of one day or more, which are not due to the negligence of the customer, are credited to the customer at the proportionate part of the annual contract charge for the period of interruption.

f. Customers' Representative

Where members or owners of the farmer line have no designated secretary or manager for such line, channels for farmer line use will be furnished only to a delegated representative who will be considered to be the customer and who will be responsible for the payment of charges and other obligations in connection with the use of the channel.

15.2. CHANNEL SERVICES

15.2.2 CLASSIFICATION AND RATES (Cont'd)

15.2.2.4 OTHER CHANNELS (Cont'd)

B. FARMER LINES (Cont'd)

4. Rates and Charges

	<u>Nonrecurring Charge</u>	
Connection Charge		
- Each connection made with customer-owned facilities ¹	RR	
Channel Rate - Each Channel		
	<u>Charge</u>	<u>USOC</u>
In Cable		
- Each one-quarter mile or fraction thereof, airline measurement, per year ²	\$8.00	1LXH9
Open Wire		
- First one-quarter mile or fraction thereof, airline measurement, per month ²	2.70	1LXHR
- Each additional one-quarter mile or fraction thereof, airline measurement, per month ²	1.30	NA

NOTE 1: Multi-Element Service Charges apply as specified in Part 3, Section 1 of this Guidebook.

NOTE 2: For Mileage Measurements, see Regulations, c.

15.2. CHANNEL SERVICES

15.2.3 OTHER FEATURES AND ARRANGEMENTS

15.2.3.1 CLASSIFICATION AND RATES - CHANNEL CONDITIONING

A. REGULATIONS

1. The following specific Regulations apply to Channel Conditioning arrangements for Private Line Services and Channels.
2. The number of stations that may be connected to the Channels conditioned, and the distance over which satisfactory transmission is possible, is limited by operating and transmission factors.
3. Type C1, C2, C4, and D1 Channel Conditioning, with the following specifications, will be provided at the request of the customer.
 - a. Type C1
 - (1) Envelope delay between 1000 and 2400 c.p.s. shall not exceed a maximum difference of 1000 microseconds.
 - (2) The loss deviation, with frequency from a 1000 c.p.s. reference, shall not exceed -1 to +3 db from 1000 to 2400 c.p.s., and -2 to +6 db from 300 to 2700 c.p.s.
 - b. Type C2
 - (1) Envelope delay shall not exceed the maximum difference as follows:
 - between 1000 and 2600 c.p.s., a maximum difference of 500 microseconds.
 - between 600 and 2600 c.p.s., a maximum difference of 1500 microseconds.
 - between 500 and 2800 c.p.s., a maximum difference of 3000 microseconds.
 - (2) The loss deviation, with frequency from a 1000 c.p.s. reference, shall not exceed -1 to +3 db from 500 to 2800 c.p.s., and -2 to +6 db from 300 to 3000 c.p.s.

15.2. CHANNEL SERVICES

15.2.3 OTHER FEATURES AND ARRANGEMENTS (Cont'd)

15.2.3.1 CLASSIFICATION AND RATES - CHANNEL CONDITIONING (Cont'd)

A. REGULATIONS (Cont'd)

c. Type C4

(1) Envelope delay shall not exceed the maximum difference as follows:

- between 1000 and 2600 c.p.s., a maximum difference of 300 microseconds.
- between 800 and 2800 c.p.s., a maximum difference of 500 microseconds.
- between 600 and 3000 c.p.s., a maximum difference of 1500 microseconds.
- between 500 and 3000 c.p.s., a maximum difference of 3000 microseconds.

(2) The loss deviation, with frequency from a 1000 c.p.s. reference, shall not exceed -2 to +3 db from 500 to 3000 c.p.s., and -2 to +6 db from 300 to 3200 c.p.s.

d. Type DI High Performance Data Conditioning for a Two-point Channel not arranged for Switching

(1) Certain data transmission characteristics necessary for High Performance Data transmission cannot be assured on all facilities generally available for data transmission. However, Schedule 4 Voice Grade Two-point Channels may be specially arranged to provide for the following technical parameters at the request of the customer:

Signal to C-Notched Noise Ratio	28 db
Nonlinear distortion:	
Signal to second order distortion	35 db
Signal to third order distortion	40 db

(2) When a Channel equipped with this conditioning is utilized for voice communications, the Company does not undertake to represent the Channel will be suitable for voice communication.

(3) Type DI data transmission characteristics are not included with Types CI, C2, or C4 Channel Conditioning. Rates for Types CI, C2, or C4 conditioning apply in addition to those for Type DI conditioning, if the customer desires both types of conditioning.

15.2. CHANNEL SERVICES

15.2.3 OTHER FEATURES AND ARRANGEMENTS (Cont'd)

15.2.3.1 CLASSIFICATION AND RATES - CHANNEL CONDITIONING (Cont'd)

A. REGULATIONS (Cont'd)

(4) Type C1, C2, and C4 Channel Conditioning arrangements apply to:

- a. Interexchange and Local Private Line Telephone Service and Channels.
- b. Channels for the Remote Operation and Control of Radiotelephone stations of a grade similar to those furnished for Interexchange or Local Private Line Telephone Service.
- c. Channels for Remote Metering, Supervisory Control, and Miscellaneous Signaling Purposes of a grade similar to those furnished for Interexchange and Local Private Line Telephone Service.
- d. Schedule 4 Channels for Data Transmission.
- e. Other types of Channels when used alternately for purposes specified above.

B. CHARGES AND RATES

1. Type C1, C2, and C4 Channel Conditioning

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
For the First Station in an Exchange:			
On a 2-point Channel not arranged for Switching:			
- Type C1	\$35.00	\$12.50	P2W
- Type C2	65.00	47.00	P3H
- Type C4	90.00	57.00	P4G
On a 2-point Channel arranged for:			
- Switching Type C1	55.00	25.00	P2X
- Multi Point Type C1	55.00	25.00	P3G
On a Multi Point Channel:			
- Type C2	85.00	60.00	P3W

15.2. CHANNEL SERVICES

15.2.3 OTHER FEATURES AND ARRANGEMENTS (Cont'd)

15.2.3.1 CLASSIFICATION AND RATES - CHANNEL CONDITIONING (Cont'd)

B. CHARGES AND RATES (Cont'd)

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
For the First Station in an Exchange:			
On a 2-point Channel not arranged for Switching:			
- Type C1	\$25.00	\$7.50	P3E
- Type C2	39.00	25.50	P3B
- Type C4	42.00	526.00	P4H

2. Type D1, High Performance Data conditioning applies to Schedule 4 Channels for data transmission.

a. When High Performance Data Conditioning is ordered subsequent to the installation of the Data Channel, a charge equal to the Installation Charge for the Local Channel will apply for each Local Channel in addition to the charge for the High Performance Data Conditioning.

	<u>Nonrecurring Charge</u>	<u>USOC</u>
On a 2-point Channel not arranged for Switching:		
- Type D1, Per Channel	\$850.00	QHA

15.2. CHANNEL SERVICES

15.2.3 OTHER FEATURES AND ARRANGEMENTS

15.2.3.2 CLASSIFICATION AND RATES - SIGNALING OPTIONS

A. REGULATIONS

1. In accordance with the Federal Communications Commission Order in CC Docket 79-143 amending Part 68 of the Commission's Rules and Regulations, the direct connection of terminal equipment and multi-line terminating systems to certain Category III Private Line services is permitted. The following is required in addition to the Rate item B.1.a., at no increase in rate:

a. Signaling Arrangements

- (1) For off-premises station Channels used with PBX, CU, or similar multi-line terminating systems arranged for dial signaling:
 - Type A - Furnished for use with Class A station ports capable of operation over Channels with a station port resistance in the range of 0-199 ohms. (USOC-SAL)
 - Type B - Furnished for use with Class B station ports capable of operation over Channels with a station port resistance in the range of 200-899 ohms. (USOC-SAU)
 - Type C - Furnished for use with Class C station ports capable of operation over Channels with a station port resistance in the range of 900 ohms or more. (USOC-SAY)
- (2) For tie line operation Channels used with PBX to PBX, PBX to Centrex, or similar multi-line terminating systems arranged with an Ear & Mouth type signaling interface. (USOC-SLM)
2. Refer to Guidebook Part 2, Section 9 for network interfaces associated with Category III services.

B. CHARGES AND RATES

1. Dial Conditioning Arrangement used with Channels Between Non-contiguous Exchanges
 - a. The dial conditioning arrangement charge would not apply when furnished at a service point equipped with an interexchange switching arrangement.

15.2. CHANNEL SERVICES

15.2.3 OTHER FEATURES AND ARRANGEMENTS (Cont'd)

15.2.3.2 CLASSIFICATION AND RATES - SIGNALING OPTIONS (Cont'd)

B. CHARGES AND RATES (Cont'd)

	<u>Monthly Rate</u>	<u>USOC</u>
Dial Signaling Arrangement: - Per Point Service	\$5.75	13F
Dial Termination Arrangement: - Per Point Service	5.75	27E

15.2. CHANNEL SERVICES

15.2.3 OTHER FEATURES AND ARRANGEMENTS

15.2.3.3 CLASSIFICATION AND RATES - MULTIPOINT SERVICE AND MULTISTATION ARRANGEMENTS

A. DEFINITION

1. Alarm Multipoint Service is furnished to enable a customer, by means of customer-provided equipment at the central station location, to query up to a maximum of 100 remote customer-provided stations and to receive response at the central station location from each of the remote customer-provided stations. Remote stations can communicate only with the central station location.

B. REGULATIONS

1. Intraexchange Service

- a. Interoffice Facility Charges apply whenever the service desired involves more than 1 Central Office serving remote stations (USOC: 1L6DP*).
- b. Multipoint Charges apply in a Central Office serving remote customer-provided stations to each termination of an interoffice facility and to each termination of a Local Loop (USOC: 27BSQ, 1L6BP).
- c. The Installation Charge as provided in Part 15, Section 2 of this Guidebook will apply to a retermination of a circuit in the Central Office when requested by a customer.

2. Interexchange Service

- a. Interexchange Channel Mileage charges apply as provided in Part 15, Section 2 of this Guidebook. (Schedule A) (USOC: 1L6C4).
- b. Channel Terminal charges apply as shown in Part 15, Section 2 of this Guidebook (USOC: P3N).
- c. Multipoint Charges apply in a Central Office serving remote customer-provided stations to each termination of an interexchange channel facility and to each termination of a Local Loop.
- d. The Installation Charge for a Schedule 4 HDX Local Loop will apply to a retermination of a circuit in the Central Office when requested by a customer (USOCs: 27BSQ, 1L6BP).

15.2. CHANNEL SERVICES

15.2.3 OTHER FEATURES AND ARRANGEMENTS (Cont'd)

15.2.3.3 CLASSIFICATION AND RATES - MULTIPOINT SERVICE AND MULTISTATION
 ARRANGEMENTS (Cont'd)

B. REGULATIONS (Cont'd)

e. The Charge and Rate for a Schedule 4 Full Duplex Local Loop applies as described in Part 15,
 Section 2 of this Guidebook.

C. CHARGES AND RATES

1. Intraexchange

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Multipoint Charge: - Per Central Office Termination	\$20.00	\$2.75	BQ7

2. Interexchange

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Multipoint Charge: - Per Central Office Termination	\$20.00	\$2.75	BGA

15.2. CHANNEL SERVICES

15.2.4 V & H

A. DESCRIPTION

This Guidebook contains a list of rate centers and central offices in the State of Nevada, together with V-H (vertical and horizontal) coordinates for use in determining air-line mileages for private line services and channels.

	<u>Guidebook</u>
Channels	Part 15, Section 2
Construction Charges	Part 2, Section 5
Digital Data Services	Part 2, Section 3.
Connections of Terminal Equipment, Private Branch Exchange Systems and Communication Systems	Part 2 Section 9

B. REGULATIONS

1. General

The rate centers and central offices in this Guidebook are arranged alphabetically.

The columns headed "V" and "H" contain the vertical and horizontal coordinates for each rate center.

For private line services and channels the rate center for a point not listed in this Guidebook is the rate center for the central office to which the point is assigned for message toll telephone rate purposes; where the point is not assigned to a central office, the rate center is the location of the point.

15.2. CHANNEL SERVICES

15.2.4 V & H (Cont'd)

B. REGULATIONS (Cont'd)

2. Basis for V-H Coordinates

For the purpose of determining air-line mileages vertical and horizontal grid lines have been established across the United States. The spacing between adjacent vertical grid lines and between horizontal grid lines represents a distance of one coordinate unit. This unit is the square root of 0.1, expressed in statute miles. A vertical (V) and a horizontal (H) coordinate is computed for each rate center from its latitude and longitude location by use of appropriate map-projection equations. A pair of V-H coordinates locates a rate center, for determining air-line mileages, at a particular intersection of an established vertical grid line with an established horizontal grid line. The distance between any two rate centers is the air-line mileage computed as explained in 3. following.

3. Determination of Air-Line Mileages

a. Private Line Services and Channels

To determine the rate distance between any two rate centers proceed as follows:

Step 1. Obtain the "V" and "H" coordinates for each rate center.

Step 2. Obtain the difference between the "V" coordinates of the two rate centers. Obtain the difference between the "H" coordinates.

Note: The difference is always obtained by subtracting the smaller coordinate from the larger coordinate.

Step 3. Square each difference obtained in Step 2 above.

Step 4. Add the squares of the "V" difference and the "H" difference obtained in Step 3 above.

Step 5. Divide the sum of the squares obtained in Step 4 above by 10.

15.2. CHANNEL SERVICES

15.2.4 V & H (Cont'd)

B. REGULATIONS (Cont'd)

Step 6. Obtain the square root of the result obtained in Step 5 above. This is the rate distance in miles. (Fractional miles being considered as full miles).

Example:

The rate distance is required between Carson City and Winnemucca, Nevada.

	<u>V</u>	<u>H</u>
Carson City	8139	8306
Winnemucca	<u>7705</u>	<u>8025</u>
difference	434	281

$$\begin{aligned} &\text{squared} \quad 188,356 + 78,961 = 267,317 \\ &\frac{267,317}{10} = 163.5 = 164 \text{ air-line miles} \end{aligned}$$

C. RATE CENTERS

<u>Mobile Office</u>	<u>V</u>	<u>H</u>	<u>Rate Center</u>	<u>Toll Center</u>
	8578	7713	AMARGOSA	
	7741	7850	ARGENTA	
	7934	7768	ATLAS PRECIOUS METALS	
	8007	7866	AUSTIN	Reno
	8026	7356	BAKER	Reno
	7755	7882	BATTLE MOUNTAIN	Reno
	7755	7856	BATTLE MOUNTAIN LOW FREQUENCY RANGE STATION	
	7770	7878	BATTLE MOUNTAIN VORTAC SITE	

<u>Locality</u>	<u>Rate Center</u>	<u>Locality</u>	<u>Rate Center</u>
Adam Peak Valley	Midas	barth	Crescent
Alder Creek	Denio		
Alta Creek Valley	Denio	Beowawe	Crescent
Amargosa Valley	Lathrop Wells		
Antelope Valley	Reno Bridgewood (931)		
Argenta	Crescent Valley	Big Creek	Denio

NOTE: Rate Centers in lower case are independent telephone companies.

15.2. CHANNEL SERVICES

15.2.4 V & H (Cont'd)

C. RATE CENTERS (Cont'd)

<u>Mobile Office</u>	<u>V</u>	<u>H</u>	<u>Rate Center</u>	<u>Toll Center</u>
	8569	7704	BEAR MOUNTAIN	
	8555	7719	BEATTY	
	8565	7722	BEATTY AIRPORT	
	8165	8152	BLACK MOUNTAIN	
LVg	8697	7451	Blue Diamond	Las Vegas
LVg	8696	7349	Boulder City	Las Vegas
	8321	7992	CANDELARIA	
	7717	7750	Carlin	Elko
	7706	7767	CARLIN GOLD MINE	
	7703	7766	CARLIN QUARRY	
	8583	7704	CARRARA	
	8139	8306	CARSON CITY	Reno
	¹ 8141	8305	CARSON CITY	Reno
	8122	8278	CARSON CITY DAYTON	Reno
	¹ 8106	8269	CARSON CITY DAYTON	Reno
	8106	8269	CARSON PLAINS	
	7970	8103	CARSON SINK	
	7834	7905	COEUR D'ALENE MINES	
	8319	7977	COLUMBUS	
	8038	7438	CONNORS PASS	
	7797	7912	COPPER CANYON	

<u>Locality</u>	<u>Rate Center</u>	<u>Locality</u>	<u>Rate Center</u>
Bog Hot	Denio	Cottonwood Coves	Searchlight
Bottle Creek	Desert Valley	Cove Creek	Denio
Bunkerville	Mesquire	Dayton	Carson City
Cactus Springs	Indian Springs	Deer Creek	
Caselton	Pioche	(Clark Co.)	Mt. Charleston
Cave Rock	Stateline	Deer Creek	
China Garden	Winnemucca	(Humboldt Co.)	Denio
Churchill Butte	Statecoach		

NOTE: Rate Centers in lower case are independent telephone companies.

NOTE ¹: To be used for Digital Data Service and analog data Bulk Pricing only.

15.2. CHANNEL SERVICES

15.2.4 V & H (Cont'd)

C. RATE CENTERS (Cont'd)

<u>Mobile Office</u>	<u>V</u>	<u>H</u>	<u>Rate Center</u>	<u>Toll Center</u>
	7752	7790	CORTEZ MOUNTAIN TOLL REGION	Reno
	8008	8295	COTTONWOOD CREEK	Reno
	7794	7820	CRESCENT VALLEY	Reno
Reno	8134	8347	CRYSTAL BAY	Reno
	7554	8210	Denio	
	7597	8104	Desert Valley	
	8096	7613	DUCKWATER/CURRANT/NYALA	Reno
	8063	8240	EAGLE RIDGE	
	7682	7698	Elko	Reno
	7997	7492	ELY	Reno
	7828	8276	EMPIRE	Reno
	7971	7681	EUREKA/DIAMOND VALLEY	
Faln	8052	8149	Fallon	
	8035	8228	FERNLEY Reno	
	8424	7970	FISH LAKE VALLEY	Reno
	8191	7992	FMC-PARADISE PEAK	
	8166	7988	GABBS	Reno
Gdvl	8190	8297	Gardnerville	
	8165	8334	Glenbrook	Gardnerville
<u>Locality</u>		<u>Rate Center</u>	<u>Locality</u>	<u>Rate Center</u>
Duckwater		Duckwater/Currant/ Nyala	Gerlach	Empire
Dunphy Ranch		Crescent Valley	Getchell Mine	Midas
Dutch Flat		Winnemucca	Gilman Springs	Austin
Edgewood		Stateline	Golconda	Winnemucca
Elkpoint		Stateline	Golconda Switch	Midas
Eureka Airport		Eureka/Diamond Valley	Gold Hill	Virginia City
Evans Creek		Midas	Goodsprings	Jean
F. Cross F Ranch		McGill	Griffith's Camp	Mt. Charleston
Gallagher Flat		Desert Valley		
Genoa		Gardnerville		

NOTE: Rate Centers in lower case are independent telephone companies.

15.2. CHANNEL SERVICES

15.2.4 V & H (Cont'd)

C. RATE CENTERS (Cont'd)

<u>Mobile Office</u>	<u>V</u>	<u>H</u>	<u>Rate Center</u>	<u>Toll Center</u>
	8539	7334	Glendale	Las Vegas
	8485	7820	GOLD MOUNTAIN	
	8255	8094	HAWTHORNE	Reno
Hen	8689	7378	Henderson	Las Vegas
	8240	7690	HOT CREEK VALLEY	
	7780	8082	IMLAY	Reno
	8593	7520	INDIAN SPRINGS	Las Vegas
	7404	7566	Jackpot	Boise, Ida
	8755	7427	Jean	Las Vegas

<u>Locality</u>	<u>Rate Center</u>	<u>Locality</u>	<u>Rate Center</u>
Hammond Ranch	Midas	Incline Village	Crystal Bay
Happy Creek	Desert Valley	Indian Creek	Spring
Valley/Cherry			
Creek/Currie/Lages			
Hawthorne (Army		Indian Spring	
Ammunition		Air Force Base	Indian Springs
Depot	Hawthorne	Jackson Creek	Denio
Hazen	Fallon		
Horseshoe	Crescent Valley		
Hot Springs			
Ranch	Midas		

NOTE: Rate Centers in lower case are independent telephone companies.

15.2. CHANNEL SERVICES

15.2.4 V & H (Cont'd)

C. RATE CENTERS (Cont'd)

<u>Mobile Office</u>	<u>V</u>	<u>H</u>	<u>Rate Center</u>	<u>Toll Center</u>
	7990	7529	KIMBERLY	
	8594	7297	Lake Mead	Las Vegas
	8147	7401	Lake Valley	Pioche
LVg	8665	7411	Las Vegas	
	8598	7647	LATHROP WELLS	Reno
	8859	7270	Laughlin	Las Vegas
	7741	7671	Lee Jiggs	Elko
	8562	7305	Logandale	Las Vegas
Lvlk	7892	8121	LOVELOCK	Reno
	7811	7924	LUCKY DAY MINE	
	8083	7499	LUND	Reno

<u>Locality</u>	<u>Rate Center</u>	<u>Locality</u>	<u>Rate Center</u>
Kelly	Churchill Butte		
Kings River	Desert Valley		
Kingston Canyon	Austin	Lower Creek	Midas
Knott Creek	Denio	Lowery Canyon	Ely
Kyle Canyon	Mack Creek	Crescent Valley	
Army Rest Camp	Mt. Charleston	Magnusen	Spring Valley/Cherry Creek/Currie/Lages
Kyle Canyon Ranger Station	Mt. Charleston	Major's Place	Spring Valley/Cherry Creek/Currie/Lages
Lamiolle	Elko	Marla Bay	Stateline
Lane City	Ely	Mason	Yerington
Lee's Canyon	Mt. Charleston		
Leonard Creek	Denio		

NOTE: Rate Centers in lower case are independent telephone companies

15.2. CHANNEL SERVICES

15.2.4 V & H (Cont'd)

C. RATE CENTERS (Cont'd)

<u>Mobile Office</u>	<u>V</u>	<u>H</u>	<u>Rate Center</u>	<u>Toll Center</u>
	8213	7831	Manhattan	Tonopah
	7562	7634	Mary's River	Elko
	8120	8297	MC CLELLAN PEAK	
	7482	8054	Me Dermitt	
	7959	7480	MC GILL	Reno
	8494	7251	Mesquite	Salt Lake City, UT
	7622	7882	Midas	
	8271	8002	MINA	Reno
	8262	8010	MINA AFTAC SEISMIC	STATION
	7545	7460	Montello	Elko
	8401	7855	MONTE ZUMA	
	7471	7772	Mountain City	Boise, Idaho
LVg	8662	7503	Mount Charleston	Las Vegas
	8109	8295	MOUNT DAVIDSON	
	7805	7863	MOUNT LEWIS	
	7864	7945	MOUNT MOSES	
	8735	7460	MOUNT POTOSI	
	8753	7340	Nelson	Las Vegas
	8587	7579	NEVADA TEST SITE	Las Vegas
	8462	7571	NTS TOLL REGION 8	Las Vegas
	7989	8257	NIXON	Reno
	7510	7734	North Fork	Elko
	7578	8052	Orovada	
	8562	7305	Overton	Las Vegas
	7453	7794	Owyhee	Boise, Idaho

<u>Locality</u>	<u>Rate Center</u>	<u>Locality</u>	<u>Rate Center</u>
Mercury	Nevada Test Site	Nordyke	Yerington
Minden	Gardnerville	North Spring Valley	Spring Valley/Cherry Creek/Currie/Lages
Moapa	Glendale	Osceola	Spring Valley/Cherry Creek/Currie/Lages

NOTE: Rate Centers in lower case are independent telephone companies.

15.2. CHANNEL SERVICES

15.2.4 V & H (Cont'd)

C. RATE CENTERS (Cont'd)

<u>Mobile Office</u>	<u>V</u>	<u>H</u>	<u>Rate Center</u>	<u>Toll Center</u>
	8683	7561	PAHRUMP	Las Vegas
	7742	7763	PALISADE	
	8293	7347	Panaca	Pioche
	7586	8008	Paradise Valley	
	7577	7444	Pilot Valley	Elko
	8296	7289	PIOCHE TRANSFER EAST	
	8112	7426	PIOCHE TRANSFER NORTH	
	8028	8263	POND PEAK TOLL REGION	Reno
	7979	8308	PYRAMID LAKE TOLL REGION	Reno
	8219	8045	RABBIT SPRINGS	
	8142	7589	RAILROAD VALLEY	
	7993	8357	Red Rock	Reno
	8004	8324	RED ROCK TOLL REGION	Reno
Reno	8064	8323	RENO	
1	8061	8331	RENO BRIDGEWOOD	Reno
2	7755	7882	RENO BRIDGEWOOD (931)	Reno
1	8068	8325	RENO CAPITAL	Reno
1	8064	8323	RENO CENTER	Reno
1	8062	8293	RENO LOCKWOOD	Reno
1	8071	8321	RENO LYMBERY	Reno
1	8060	8314	RENO PRATER	Reno
	8051	8310	RENO SATELLITE HILLS	Reno
1	8081	8314	RENO SOUTH	Reno
1	8038	8321	RENO SPANISH SPRINGS	Reno

<u>Locality</u>	<u>Rate Center</u>	<u>Locality</u>	<u>Rate Center</u>
Paiute Meadows	Denio	Rachel	Sand Springs
Paradise Hills	Winnemucca		
Penoyer	Sand Springs	Rainbow Ridge	Denio
Pettit Ranch	Midas	Red House Ranch	Midas
Pinson Ranch	Midas	Reese River Valley	Reno Bridgewood (931)
Porcupine	Desert Valley	Riverside	Desert Valley
Preston	Lund	Schellbourne	Spring Valley/Cherry Creek/Currie/Lages
Quinn River Crossing	Denio	Sheldon	Denio

NOTE: Rate Centers in lower case are independent telephone companies.

NOTE:¹ To be used for Digital Data Service and analog data Bulk Pricing only.

NOTE:² Reno Bridgewood (931) applies to 931 prefix calls from and to the Antelope Valley and Reese River Valley, Lander County, Nevada.

15.2. CHANNEL SERVICES

15.2.4 V & H (Cont'd)

C. RATE CENTERS (Cont'd)

Mobile Office	V	H	Rate Center	Toll Center
	18045	8338	RENO STEAD	Reno
	x8050	8320	RENO SUN VALLEY	Reno
	^049	8279	RENO TRACY	Reno
	^071	8353	RENO VERDI	Reno
	^ios	8318	RENO WASHOE	Reno
	8001	7512	RIB HILL	
	8176	7837	ROUND MOUNTAIN	Reno
	7713	7S11	Ruby Valley-	Elko
	8367	7575	Sand Springs	Pioche
	8756	7481	SANDY VALLEY	Las Vegas
	8022	7487	SAWMILL CANYON	
	8167	8140	SCHURZ	Reno
	8808	7342	Searchlight	Las Vegas
	8397	7900	Silver Peak	Tonopah
	8077	8222	SILVER SPRINGS	Reno
	8211	8219	Smith Valley	Reno
	8232	7994	SODA SPRING	
	7965	7426	SPRING VALLEY/CHERRY CREEK/ CURRIE/LAGES	Reno
	8089	8245	STAGECOACH	Reno

<u>Locality</u>	<u>Rate Center</u>	<u>Locality</u>	<u>Rate Center</u>
Silver City	Virginia City	Stateline (Clark Co.)	Jean
Silver State Valley	Desert Valley	Steptoe Valley	Spring Valley/ Cherry Creek/ Currie/Lages
Simpson' Creek	Eureka/Diamond Valley		
Smith	Smith Valley	Stewart	Carson City
Sod House	Desert Valley	Sulphur Springs	Eureka/Diamond Valley
South Spring Valley	Spring Valley/ Cherry Creek/ Currie/Lages	T Lazy S Ranch	Cortez Mountain Toll Region
Sparks	Reno	Telegraph Canyon	Eureka/Diamond Valley
Squaw Valley	Midas	Tempiute	Sand Springs
		Tippett	Spring Valley/ Cherry Creek/ Currie/Lages
		Unionville	Imlay
		Upper Clover	Midas

NOTE: Rate Centers in lower case are independent telephone companies.

NOTE 1: To be used for Digital Data Service only.

15.2. CHANNEL SERVICES

15.2.4 V & H (Cont'd)

C. RATE CENTERS (Cont'd)

<u>Mobile Office</u>	<u>V</u>	<u>H</u>	<u>Rate Center</u>	<u>Toll Center</u>
	7994	7496	SQUAW MOUNTAIN	
Stln	8189	8331	Stateline	Gardnerville
	7969	8302	SUTCLIFFE	Reno
	7831	7918	TENNECO	
	8318	7842	Tonopah	
	8238	8256	Topaz Lake	Gardnerville
	7924	8143	TOULON	Reno
	7587	7772	Tuscarora	Elko
	8533	7358	Upper Muddy	Las Vegas
Reno	8108	8290	VIRGINIA CITY	Reno
	8060	8298	VISTA MOUNTAIN	
	7600	7578	Wells	Elko
	7651	7429	Wendover	Salt Lake City, UT
	7602	7498	Western Wendover	Elko
	8086	7553	WHITE RIVER	Reno
			TOLL REGION	
Wmca	7705	8025	WINNEMUCCA	
Yer	8168	8198	Yerington	Gardnerville

<u>Locality</u>	<u>Rate Center</u>	<u>Locality</u>	<u>Rate Center</u>
Verdi	Reno	Wellington	Smith Valley
Virgin Valley	Dnio	White River	Lund
Wabuska	Yerington	Wilder Creek	Denio
Wadsworth	Frnly	Zephyr Cove	Stateline
Warm Springs	Cottonwood Creek	Zephyr Point	Stateline
Warrior's Point	Sutcliffe		
Weed Heights	Yerington		

NOTE: Rate Centers in lower case are independent telephone companies.