

**MILEAGE CHARGES**

EXTENSION STATION

When an extension station or wired outlet, PBX station or signal station or signaling equipment is located in a building separate and apart from that housing the main station, an additional charge applies to that portion of the line extending beyond the building in which the initial station is installed. The charge is computed on air line measurement from the point of exit from the main building to the location of the extension instrument per each wire circuit. The term "Connected Premises" denotes premises not separated by intervening property or public thoroughfare but occupied by the same subscriber.

Charge	Monthly
Between stations in buildings on the same premises, for each 1/10 mile or fraction thereof, beyond the first 150 feet.....	\$ .50
Between stations in buildings not on the same or connected premises, for each 1/4 mile or fraction thereof .....	\$ 1.25

MOVING DAY COURTESY SERVICE

(A)

When the subscriber requesting an off premise extension as described above is doing so for convenience during the transition to a new residence or business location and where the existing and new locations are within the same serving wire center or remote switching unit serving area the above mileage charges will be waived for a period of not more than thirty days including the moving day. Service Connection Charges in Section 3 will apply to the establishment of service at the new location. If the subscriber desired to continue this service for a longer period, the above mileage charges will apply for the period in excess of thirty days with a minimum billing period of one month.

(A)

(A) Indicates Add

Palmerton Telephone  
Company

Section 4  
Fifth Revised Sheet 2  
Canceling Fourth Revised Sheet 2

MILEAGE CHARGES (cont'd)

FOREIGN EXCHANGE SERVICE

Foreign exchange service is not offered as a normal or customary form of telephone service. However, when facilities are available, and service conditions permit, the Company may furnish this service subject to the following regulations and rates.

Foreign exchange service is limited to one-party or PBX trunk lines. When foreign exchange service is furnished by means of a branch exchange trunk line, connections to the trunk at the branch exchange switchboard are restricted to the stations connected with and in the immediate vicinity of the branch exchange switchboard.

Inter-Company Foreign Exchange Service

This service will be provided only where the subscriber agrees to remain a subscriber of this company and to limit the use of the foreign exchange service to calls within the local service area of that foreign exchange. This company will rent a terminal in the foreign exchange and provide it to the subscriber at the one-party or trunk rate at the foreign exchange. In addition the following monthly charges apply:

- A. Within the territory of this company, a mileage charge of \$.50 per 1/10 mile, for each circuit measured air line from the rate center of normal exchange to the boundary line of the adjoining company.
- B. Outside the territory of this company, such mileage charges as are provided by tariffs of other participating companies.
- C. A supplemental charge of \$2.00 for each 1¢ multiple of the dialed day station-to-station initial period message toll rate between the normal exchange and the foreign exchange. Such charge does not apply if the local and foreign exchange are in the same local service area.
- D. When the subscriber is located outside the local base rate area, one-party exchange line mileage charges as listed in this tariff apply for the foreign exchange local channel.
- E. Special repeaters where required for satisfactory transmission will be provided at \$15.00 per month each.
- F. IntraLata Foreign Exchange Loop Charge - For IntraLata Inter-  
company Foreign Exchange Service in a specific exchange, there will be a charge for the local loop that is equal to 85% of the business one-party rate of that exchange for business customers, and 85% of the residence one-party rate of that exchange for residence customers.

(I-C)

When foreign exchange service is requested by a subscriber of another company to an exchange of this company, the charges listed in "A" above will apply and the charges in "C" above apply unless a similar charge is made by the company in whose territory the subscriber is located.

(I) Indicates Increase (C) Indicates Change

Issued: December 17, 1984

Effective: January 1, 1985

Palmerton Telephone  
Company

Section 4  
Second Revised Sheet 3  
Canceling First Revised Sheet 3

MILEAGE CHARGES (cont'd)

FOREIGN EXCHANGE SERVICE (cont'd)

IntraCompany Foreign Exchange Service

When foreign exchange service is provided between exchanges of this company, the rates in Paragraphs "A,C,D,E and F" above apply, except that the measurement under "A" is the total air line distance between the rate centers of the normal and foreign exchanges.

LEASED LINES

When available or when they can be conveniently provided at reasonable cost, the Telephone Company's wire facilities will be leased for private and special use to either the general public or other carriers. Charges for leased lines are computed on air line measurement between the centers of the buildings in which the respective terminals are located, as follows:

	<u>Monthly Charge</u>	
Between terminals in the same building.....	\$.75	
Between terminals in buildings on the same premises- For each 1/10 mile, or fraction thereof (minimum 2/10 miles).....	.50	
Between terminals in buildings not on same premises- For each 1/4 mile, or fraction thereof (minimum 2/4 miles).....	1.50	(I)

(I) Indicates Increase

Issued: January 9, 1990

Effective: March 1, 1990

Palmerton Telephone  
Company

Section 4  
Third Revised Sheet 4  
Canceling Second Revised Sheet 4

MILEAGE CHARGES (cont'd)

INTER-EXCHANGE EXTENSION or PBX STATION

When a subscriber of this company desires an extension or PBX station extended to a location in another exchange, the rate for the service is comprised of the following monthly charges:

A. When all facilities are furnished by this company:

1. The normal extension or trunk hunting line rate as provided in Section 2 of this tariff. (C)
2. For a PBX station, a local channel charge of \$2.50 for the first 1/2 mile or fraction plus \$1.25 for each additional 1/4 mile or fraction measured airline distance from the center of the building in which the PBX is located to the serving terminal central office. For a PBX station or an extension station, a similar local channel charge from the center of the building where the extension station is located to the serving central office.
3. An inter-exchange channel rate of \$5.00 per mile airline measurement between the main station exchange rate center and the extension station exchange rate center.
4. A supplemental charge of \$2.00 for each \$.01 multiple of the day station-to-station rate between the central offices in (3) above.

B. When a portion of the service is furnished by another company:

1. The charge for the local channel furnished by this company and the portion of the inter-exchange channel to the territorial boundary point of connection to the next participating company are determined by A(2) and (3) above and the supplemental charge in A(4) applies.
2. In addition to B(1) above the charges for the station, local channel and portion of the inter-exchange channel furnished by the other participating company will apply, as provided in its tariff.

When a subscriber of another company desires an extension station or PBX station to be located in the territory of this company, the charges made by this company to the contracting company will consist of the charge for the station, local channel, and that portion of the inter-exchange channel as provided in B(1) above, and the supplemental charge as provided in A(4) above applies unless the contracting company makes a similar supplemental charge, in which case it is reduced by 50%.

If special equipment is required to provide satisfactory transmission, an additional charge will be made to cover the carrying charges on this equipment.

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

I. General

- A. Channels are furnished for intraexchange or interexchange service on a two-point or multi-point basis for a minimum period of one month.
- B. With reference to the channel descriptions given below:
  - 1. "Effective two-wire facilities" may be composed of two-wire metallic and/or four-wire metallic and/or carrier segments; "four-wire facilities" are composed entirely of four-wire metallic and/or carrier segments.
  - 2. The 1000 Hz loss objective range specified refers to the total channel offering (end-to-end) and indicates that the engineered objective loss will fall within that range at the discretion of the Telephone Company depending upon available facilities and the applicability of appropriate engineering designs. These specifications do not include gains or losses present in customer-provided equipment.
  - 3. The Telephone Company reserves the right to revise these objectives and other technical parameters as described herein.
- C. The Telephone Company will bill the subscriber for the portion of the Private Line Service that is provided by the Telephone Company. The applicable non-recurring service charges can be found in Section 3 of this tariff.
- D. Third-Party Lease facilities, required to provide the Private Line Service, will be charged to the subscriber on a cost basis.

II. Series 1000 Channels

- A. Type 1005 - used for low speed data transmission not to exceed 75 baud. Such services being furnished to existing customers at the same premises. Maintenance of these services is limited to the availability of replacement components furnished from existing stock.
- B. Type 1006 - used for low speed data transmissions not to exceed 150 baud. Such services furnished to existing customers at the same premises. Maintenance of these services is limited to the availability of replacement components furnished from existing stock.

(C) Indicates Change

---

Issued: December 6, 1985

Effective: January 1, 1986

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

- C. Type 1011 (30 baud) - available on an intraexchange basis only for two- or three-point DC transmission and only where existing facilities and operating conditions permit. In offering to provide this service, the Telephone Company assumes no obligation to specially select, alter, rearrange or construct facilities and does not represent that a facility provided under this subsection is suitable for the intended customer application. Further, in providing this service where existing facilities permit, the Telephone Company assumes no obligation to continue such provision where rearrangements or changing service requirements necessitate the elimination of such facilities or render such facilities unsuitable for the customer application.
- D. Type 1012 (30 baud) - provided both for intraexchange and interexchange applications. On an intraexchange basis, Type 1012 is provided with a minimum of 3 points (master station and 2 remote premises) and up to a maximum of 26 points (master station and 25 remote premises). On an interexchange basis, Type 1012 is provided with a minimum of 2 points (master station and a remote premises) and a maximum of 26 points (master station and 25 remote premises). Type 1012 service is restricted to a maximum of 3 central office serving areas located in the same or different exchanges (one for the master station and two others to provide service to other remote premises).

Type 1012 service may be provided either by metallic channels or by other equivalent means at the Telephone Company's option. If provided by a low speed signaling system, the transmission specifications as accepted industry standards for low speed signaling channels apply. The Telephone Company will notify the customer if other than metallic facilities are utilized to provide Type 1012 channels prior to installation.

E. Rate Schedules

1. Channels on the same or connected premises -  
Type 1005 and Type 1006

Each Two-Wire Channel	\$ 2.00
Each Four-Wire Channel	4.00

2. Channels between adjacent premises -  
Type 1005 and Type 1006

Each Two-Wire Channel	\$ 8.50
Each Four-Wire Channel	17.00

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

3. 3. Intraexchange and Interexchange Channels

a. Local channel - one required for each  
premise at which a channel terminates

Each Two-Wire Channel	\$21.00
Each Four-Wire Channel	\$42.00

b. Mileage -

Intraexchange and Interexchange Channels per mile  
between wire centers for Series 1000 channels.

	<u>Monthly Rate</u>	
	<u>Fixed Rate</u>	<u>Rate Per Mile</u>
0 to 1 Mile	\$ 12.50	--
Over 1 to 3 Miles	11.00	\$ 4.00
Over 3 to 5 Miles	14.00	4.00
Over 5 to 15 Miles	16.00	4.00
Over 15 to 25 Miles	32.00	3.00
Over 25 Miles	44.00	2.50

4. Transmission Function

Intraexchange and Interexchange -

	<u>Monthly Rate</u>	
	<u>Intraexchange</u>	<u>Interexchange</u>
Type 1005 and Type 1006		
Data & Teletype	\$ 5.00	\$ 16.00
Miscellaneous Purpose	--	6.00
Type 1011	--	6.00
Type 1012	1.00	6.00

5. Other Features and Arrangements

	<u>Monthly Rate</u>
a. Multi-Point One-Way Type 1005 Channels (furnished to existing customers only) -	\$ 3.00

Multi-Point Type 1005 Miscellaneous Purposes Channels, not specially connected, used for one-way non-selective, simultaneous ringing of bells or buzzers are furnished for points within an exchange or contiguous exchange of this Company at the monthly rate listed above, excluding the signaling control point.

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

b. Station Arrangement Charges for Type 1006 channels -

In addition to the charges for Type 1006 channels, the following station arrangement charges apply at each termination of a two-point channel.

	<u>Monthly Rate</u>
Two-point Type 1006 channel between terminals in	
Same building	\$ 15.50
Same premises	15.50
Same Exchange-Different Wire Center	28.00
Different Exchanges	28.00

III. Series 2000 Channels

- A. Type 2001 - A two wire interface with effective two wire facilities engineered for a 1000 Hz objective of 0 to 10 db; or a four-wire interface with four-wire facilities engineered for a 1000 Hz loss objective of 0 to 16 db; for two-point or multi-point service, normally suitable for use for private line telephone service.

1. Regulations applicable to type 2001 channels

- a. Type 2001 channels are furnished for voice transmission of approximate band-width of 300-3000 Hz.
- b. For private line duplex intraexchange or interexchange service the monthly rates for two local channels and two transmission functions for each premises served, apply.
- c. When these channels are furnished for multi-point service, bridging charges apply at each premises at which the channel terminates.
- d. These channels are not suitable for switching and/or tandem operations to the public switched network or other private line services

2. Automatic signaling

- a. Automatic signaling is only provided on a two-point basis between locations on different premises for use with Type 2001 channels.

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

- b. Automatic signaling is provided by means of central office automatic ringing equipment which operates when the receiver at one station is lifted and causes the bells of stations at the other end of the line to ring collectively without code signals.
- B. Type 2002 - A two wire interface with effective two-wire facilities or a four-wire interface with four-wire facilities designed for remote operation of mobile radio telephone systems; for a two-point or multi-point service.
- 1. Regulations applicable to Type 2002 channels
    - a. When these channels are furnished for multipoint service, a bridging charge applies at each premises bridged on the same circuit.
    - b. The following channels are furnished between specified locations for remote operation and control of private land radiotelephone stations established for communications with mobile units.
      - 1) Voice Channels
        - (1.1) Channels are similar as to transmission characteristics, to those furnished for Type 2001 channels.
        - (1.2) Channels specially designed to provide transmissions in a frequency range broader than that furnished for Type 2001 channels
      - 2) Control Channels

These channels are similar as to transmission characteristics, to those furnished for Type 1005 channels and are provided at the same rates as Type 1005 channels.
      - 3) For Combined Voice Transmission and Control Purposes
        - (3.1) Channels furnished for combined voice transmission and control purposes may be used by the customer, in accordance with the normal transmission characteristics of such channels, for voice transmission purposes and to transmit more than one tone or signal in sequence or simultaneously or to create additional channels for remote control and indication purposes only.

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

- (3.2) On two-point services, voice channels may be used alternately for control at no additional charge, where the control function is derived through the use of standard one-way, two state Direct Current signaling over the voice channel.
  - (3.3) On multipoint services, two-state, Direct Current signaling for control purposes is provided by means of a separate Type 1005 channel. Appropriate monthly and non-recurring charges apply separately for the Type 1005 and the Type 2002 channel.
  - (3.4) On two-point and multipoint services, voice channels may be used for the remote operation and control of private land radiotelephone stations, at no additional charge when the control functions are provided via tone signals.
- 4.) Additional Equipment and Facilities  
Repeaters, amplifiers, special loading, equalization or special types of plant, required in connection with channels provided under either 1) or 2) above, are furnished at charges based upon the costs incurred.
2. Conditioning applicable to Type 2002 channels
- a. Type C1 - For a two-point or multipoint channel- the envelope delay
    - between 1000 and 2400 Hertz, a maximum difference of 1000 micro-seconds
    - the loss deviation with frequency (from 1000 Hertz reference) shall not exceed:
      - between 1000 and 2400 Hertz, -1db to +3db
      - between 300 and 2700 Hertz, -2db to +6db
      - between 2700 and 3000 Hertz, -3db to +12db(+ means more loss)
  - b. Type C2 - For a two-point or multipoint channel
    - the envelope delay distortion shall not exceed:
      - between 1000 and 2600 Hertz, a maximum difference of 500 micro-seconds
      - between 600 and 2600 Hertz, a maximum difference of 1500 micro-seconds
      - between 500 and 2800 Hertz, a maximum difference of 3000 micro-seconds

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

- the loss deviation with frequency (from 1000 Hertz reference) shall not exceed:  
between 500 and 2800 Hertz, -1db to +3db  
between 300 and 3000 Hertz, -2db to +6db  
(+ means more loss)

NOTE: On a multipoint channel arranged for switching, conditioning in accordance with the above specifications is applicable only when in the unswitched mode.

C. TIE Line Channels

1. Type 2021 - A two-wire or four-wire interface with four-wire facilities furnished for tie-line use between PBX's.
2. Type 2025 - A two-wire for four-wire interface with four-wire facilities furnished for tie-line use between a PBX and a C.O. Centrex.
3. Type 2026- Furnished for tie-line use between C.O. Centrexes.
4. Regulations applicable to Types 2021, 2025, and 2026 Channels
  - a. Type 2025 tie line channels between C.O. Centrex switching systems and non-C.O. Centrex switching systems are subject to one transmission function charge and one local channel charge at the non-C.O. Centrex end.
  - b. For Type 2026 channels connecting switching systems located in different central office serving areas, one interoffice channel is required to connect the wire centers. In addition, a transmission function is required at each end of the interoffice channel to make the channel operative.
  - c. For Type 2026 channels connecting switching systems located in different exchange areas, one interexchange channel is required to connect the wire centers. In addition, a transmission function is required at each end of the interexchange channel to make the channel operative.
  - d. A Signaling Arrangement is provided for tie lines connected to grandfathered PBXs in accordance with Part 68 of the F.C.C. Rules and Regulations under the following conditions:

(C) Indicates Change

Issued: December 6, 1985

Effective: January 1, 1986

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

- 1) An E&M Signaling Arrangement is required for each tie line termination, operating in a Dial Repeating mode, at a customer premises with a Registered PBX.
- 2) An E&M Signaling Arrangement is required for each tie line termination of a customer premises with customer provided PBXs when the tie-line is arranged with an E&M signaling interface.
- 3) An E&M Signaling Arrangement is not required with Type 2021 or Type 2025 channels for additions to or for new installations of customer provided PBX equipment when not arranged with an E&M signaling interface.

D. Telephone Answering Service Channels

1. Type 2040 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz loss objective of 0 to 8 db; normally suitable for Telephone Answering Service use for secretarial lines connected directly to Telephone Answering Service Equipment.
  - a. Regulations applicable to Type 2040 Channels
    - 1) When the secretarial line is connected directly to Telephone Answering Service Equipment in the same exchange, one local channel measured in one-quarter (1/4) airline mile increments from the patron's serving wire center to the location of the Telephone Answering Service Equipment is provided. When the secretarial line is connected directly to Telephone Answering Service Equipment not on the same premises, one transmission function is also required.
    - 2) When the secretarial service is furnished from an exchange other than the one in which the Telephone Answering Service is located, one interexchange channel is required to connect the wire centers. One local channel and one transmission function are required to connect the interexchange channel to the premises of the Telephone Answering Service.
2. Type 2041 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz loss objective of 0 to 4 db; normally suitable for Telephone Answering Service use for secretarial lines terminated in concentrator equipment.

(C) Indicates Change

INTERCOMPANY

PRIVATE LINE SERVICE (C)

- a. Regulations applicable to Type 2041 Channels
  - 1) When a secretarial line is connected to a concentrator located in the same central office service area as the patron's normal central office service area, the connection is provided at a flat rate and requires no measurement.
  - 2) When a secretarial line is connected to a concentrator located in a different central office serving area from the patron's normal central office serving area, one interoffice channel is required to connect the wire centers. A transmission function is required at each end of the interoffice channel to make the channel operative
  - 3) When a secretarial line is connected to a concentrator located in a different exchange from the patron's normal exchange, one interexchange channel is required to connect the wire centers. A transmission function is required at each end of the interexchange channel to make the channel operative.
  
3. Type 2043 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz loss objective of 0 to 4 db; normally suitable for Telephone Answering Service concentrator- identifier use between a concentrator unit located at either the Telephone Company or the Telephone Answering Service premises and an identifier unit located at the Telephone Answering Service premises.
  - a. Regulations applicable to Type 2043 Channels
    - 1) When the concentrator is located in a Telephone Company central office, one local channel and one transmission function, Type 2043, are required for each talking path connected to the identifier at the Telephone Answering Service premises. If the central office serving area where the concentrator is located is different from the Telephone Answering Service central office serving area, one interoffice channel for each talking path is also required to connect the wire centers.
    - 2) When the concentrator is located in a different exchange area from the identifier, an inter-exchange channel is required to connect the wire centers. One local channel and one transmission function are required to connect the inter-exchange channel to the Telephone Answering Service premises.

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

- 3) When the concentrator is located at a Telephone Answering Service premises, for each talking path one local channel and one transmission function, Type 2043, are required to connect the serving central office to the premises where the concentrator is located and one local channel and one transmission function, Type 2043, are required to connect the serving central office to the premises where the identifier is located. If the central office serving areas for the two premises are different, one interoffice channel for each talking path is required to connect the wire centers.
  
- 4) When a customer-provided concentrator is located on a premises in a different exchange from the customer-provided identifier, one interexchange channel is required to connect the wire centers. One local channel and one transmission function are required to connect the interexchange channel to the premises where the concentrator is located and one local channel and one transmission function are required to connect the interexchange channel to the premises where the identifier is located.

E. Rate Schedules

1. Channels on the same or connected premises Type 2021

Each Two-Wire Channel	\$ 2.00
Each Four-Wire Channel	4.00

2. Channels between adjacent premises Type 2021

Each Two-Wire Channel	\$ 8.50
Each Four-Wire Channel	17.00

3. Intraexchange and Interexchange Channels

- a. Local channel - one required for each premise at which a channel terminates

Each Two-Wire Channel	\$21.00
Each Four-Wire Channel	42.00

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

- b. Intraexchange and Interexchange channels per mile between wire centers for Series 2000 channels

	<u>Monthly Rate</u>	
	<u>Fixed Rate</u>	<u>Rate Per Mile</u>
0 to 1 Mile	\$ 12.50	--
Over 1 to 3 Miles	11.00	\$ 4.00
Over 3 to 5 Miles	14.00	4.00
Over 5 to 15 Miles	16.00	4.00
Over 15 to 25 Miles	32.00	3.00
Over 25 Miles	44.00	2.50

4. Transmission Function - one required per local channel

	<u>Monthly Rate</u>	
	<u>Intraexchange</u>	<u>Interexchange</u>
Type 2001	\$ 4.00	\$ 11.50
Type 2002	4.00	10.50
Type 2021	11.00	21.00
Type 2025	30.00	34.00
Type 2026	--	16.00
Type 2040	--	35.50
Type 2041	--	6.75
Type 2043	12.50	19.00

5. Automatic Signaling

Private Line Signaling  
Automatic Ringing, each \$ 3.96

6. E & M Signaling

E & M Signaling arrangement, for Type 2021 and  
Type 2025 Channel, each \$ 17.00

7. Multi-Point Channels

For bridging multi-point Type 2001 and  
Type 2002 Channels  
At each premise at which a channel terminates \$ 19.50

8. Conditioning

- a. Type C1

- 1) On a two-point channel not  
arranged for switching - each station 6.00

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

- 2) On a multi-point channel not arranged for switching
  - for the first station in an exchange \$ 11.50
  - for each additional station in the same exchange as the first station 8.00

b.Type C2

- 1) On a two-point channel not arranged for switching
  - each station \$ 22.00
- 2) On a multi-point channel not arranged for switching
  - for the first station in an exchange 32.00
  - for each additional station in the same exchange as the first station 11.50

IV. Series 3000 Channels

A. Type 3001 - A two-wire interface with effective two-wire facilities or a four-wire interface with four-wire facilities engineered for a 1000 Hz loss objective of 16dB; for two-point or multi-point service; normally suitable for half-duplex or full-duplex operation for remote metering, supervisory control and miscellaneous signaling.

1. Regulations applicable to Type 3001 channels

- a. When these channels are furnished for multipoint service, a bridging charge applies for each premises bridged on the same circuit, in addition to all other applicable charges for the channels.
- b. For duplex service on the same or connected premises or to adjacent premises, the monthly rates for two channels apply.
- c. For duplex intraexchange and interexchange service the monthly rates for two local channels for each premises served, apply.
- d. The equipment and associated station wiring shall be provided by the customer.

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

- e. The use of customer-owned equipment is subject to the regulations set forth in this Tariff regarding connections with customer-owned equipment. However, the customer, by the use of his own equipment, may create additional channels or may transmit more than one tone or signal in sequence or simultaneously to the extent permitted by the normal transmission characteristics of the grade of channel furnished.
  - f. Customers, by use of their own equipment, and to the extent permitted by the normal transmission characteristics of the grade of channel ordered may create additional channels for any type of communication by sub-dividing a channel furnished under this Tariff. The Telephone Company makes no representation as to the suitability of the channels provided by it for such sub-division into additional channels by the customer. These channels may be connected with other channels which are furnished by the Telephone Company to the same customer, and to channels created therefrom, if the forms of electrical communication for which they are being used are compatible.
- B. Type 3002 - A two-wire interface with effective two-wire facilities or a four-wire interface with four-wire facilities engineered for a 1000 Hz loss objective of 16dB; for two-point or multi-point service; normally suitable for half or full duplex data transmission.
- 1. Regulations applicable to Type 3002 channels
    - a. Data processing equipment, teletypewriter station equipment and terminal equipment required to condition signals generated by or delivered to customer apparatus, and station wiring for data transmission purposes shall be provided by the customer, subject to the regulations set forth in this Tariff regarding connections with customer-owned equipment.
    - b. Customers, by use of their own equipment, and to the extent permitted by the normal transmission characteristics of the grade of channel ordered may create additional channels for any type of communication by subdividing a channel furnished under this Tariff. The Telephone Company makes no representation as to the suitability of the channels by the customer. These channels may be connected with other channels which are furnished by the Telephone Company to the same customer, and to channels created therefrom, if the forms of electrical communication for which they are being used are the same.

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

- c. When these channels are furnished for multi-point service, a bridging charge applies for each station bridged on the same circuit.

2. Conditioning applicable to Type 3002 Channel

- a. Type C1 - For a two-point or multipoint channel the envelope delay distortion shall not exceed:  
-between 1000 and 2400 Hertz, a maximum difference of 1000 micro-seconds  
-the loss deviation with frequency (from 1000 Hertz reference) shall not exceed:  
between 1000 and 2400 Hertz, -1db to +3db  
between 300 and 2700 Hertz, -2db to +6db  
between 2700 and 3000 Hertz, -3db to +12db  
(+ means more loss)

- b. Type C2 - For a two-point or multipoint channel  
-the envelope delay distortion shall not exceed:  
between 1000 and 2600 Hertz, a maximum difference of 500 micro-seconds  
between 600 and 2600 Hertz, a maximum difference of 1500 micro-seconds  
between 500 and 2800 Hertz, a maximum difference of 3000 micro-seconds  
-the loss of deviation with frequency (from 1000 Hertz reference) shall not exceed:  
between 500 and 2800 Hertz, -1db to +3db  
between 300 and 3000 Hertz, -2db to +6db  
(+ means more loss)

NOTE: On a multipoint channel arranged for switching, conditioning in accordance with the above specifications is applicable only when in the unswitched mode.

- c. Type C4 - For a two-point, three-point or four-point channel  
- the envelope delay distortion shall not exceed:  
between 100 and 2600 Hertz, a maximum difference of 300 micro-seconds between 800 and 2800 Hertz, a maximum difference of 500 micro-seconds between 600 and 3000 Hertz, a maximum difference of 1500 micro-seconds between 500 and 3000 Hertz, a maximum difference of 3000 micro-seconds  
(C) Indicates Change

Palmerton Telephone  
Company

Section 4  
Original Sheet 19

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

- the loss deviation with frequency (from 1000 Hertz reference) shall not exceed: between 500 and 3000 Hertz, -2db to +3db between 300 and 3200 Hertz, -2db to +6db (+ means more loss)

NOTE: On a three-point or four-point channel, conditioning in accordance with the above specifications is applicable only between one exchange (that designated by the customer as the control point) and each of the other two or three exchanges.

- d. Type D1- For a two-point channel not arranged for switching
  - Certain data transmission characteristics necessary for high performance data transmission cannot be assured on all channels generally available for data transmission. However, Type 3002 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 28db
- Nonlinear distortion:
  - (1) signal to second order distortion 35db
  - (2) signal to third order distortion 40db

When the channel equipped with this conditioning is utilized for voice communications, the Telephone Company does not undertake to represent that channel will be suitable for such voice transmission.

C. Rate Schedule

- 1. Channels on the same or connected premise

Type 3002

Each Two-wire Channel	\$ 2.00
Each Four-Wire Channel	4.00

- 2. Channels between adjacent premises

Type 3002

Each Two-wire Channel	\$ 8.50
Each Four-wire Channel	17.00

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

3. Intraexchange and Interexchange Channels

- a. Local Channel - one required for each premise at which a channel terminates (Type 3002)

Each Two-wire Channel	\$ 21.00
Each Four-wire Channel	42.00

- b. Intraexchange and Interexchange channels per mile between wire centers for Series 3000 Channels

	<u>Monthly Rate</u>	
	<u>Fixed Rate</u>	<u>Rate per Mile</u>
0 to 1 mile	\$ 12.50	\$ --
Over 1 to 3 miles	11.00	4.00
Over 3 to 5 miles	14.00	4.00
Over 5 to 15 miles	16.00	4.00
Over 15 to 25 miles	32.00	3.00
Over 25 miles	44.00	2.50

4. Transmission Function - one required per local channel

	<u>Monthly Rate</u>	
	<u>Intraexchange</u>	<u>Interexchange</u>
Type 3001	\$ 4.00	\$ 10.50
Type 3002	14.00	19.00

5. Multi-point Channels - in addition to the preceding, the following charge applies for bridging multi-point channels.

	<u>Intraexchange</u>	<u>Monthly Rate</u>
		<u>Interexchange</u>
a. At each premises at which a Type 3001 channel terminates	\$19.50	\$19.50
b. At each station at which a Type 3002 channel terminates	19.50	19.50

6. Conditioning

	<u>Monthly Rate</u>
a. Type C1	
- on a two-point channel not arranged for switching	
- each station	\$ 6.00
- on a multi-point channel not arranged for switching	
- for the first station in an exchange	11.50

(C) Indicates Change

INTERCOMPANY  
PRIVATE LINE SERVICE (C)

	<u>Monthly Rate</u>
- each additional station in the same exchange as the first station	\$ 8.00
b. Type C2	
- on a two-point channel not arranged for switching	
- each station	22.00
- on a multi-point channel not arranged for switching	
- for the first station in an exchange	32.00
- each additional station in the same exchange as the first station	11.50
c. Type C4	
- on a two-point channel not arranged for switching	
- each station	35.00
d. Type D1	
- on a two-point channel not arranged for switching	
- per channel	10.00

(C) Indicates Change

Issued: December 6, 1985

Effective: January 1, 1986