

PRIVATE LINE SERVICES  
 B3. ANALOG SERVICES

LIST OF EFFECTIVE SHEETS

Sheets listed below are effective as of the date shown on each sheet.

<u>Revision</u> <u>Number</u>	<u>Sheet</u>	<u>Revision</u> <u>Number</u>	<u>Sheet</u>	<u>Revision</u> <u>Number</u>	<u>Sheet</u>	<u>Revision</u> <u>Number</u>	<u>Sheet</u>
5th	26	6th	40	8th	51	5th	61.1
5th	27	5th	41	5th	51.1	4th	62
4th	28	6th	42	5th	51.2	3rd	63
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5th	37	5th	49.4	4th	60	6th	73
6th	38	4th	49.5	6th	61	8th	74
4th	39	5th	50				

NOTE 1: Issued

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NOTE 1: Issued

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NOTE 1: Issued

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14th	272.9	8th	272.19	7th	272.31	7th	272.43
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9th	272.11	3rd	272.21	8th	272.33	5th	272.45
15th	272.12	6th	272.22	6th	272.34	6th	272.46
10th	272.13	4th	272.23	7th	272.35	6th	272.47
8th <sup>2</sup>	272.14	7th	272.24	8th	272.36	4th	272.48
4th	272.15	11th	272.25	9th <sup>1</sup>	272.37	5th	272.49
2nd	272.15.1	8th	272.26	8th	272.38	4th	272.50
2nd	272.15.2	6th	272.27	7th	272.39	5th	272.51
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8th	272.17						

NOTE 1: Issued

NOTE 2: Advice Letter No. 16865 withdrawn October 1, 1994.

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LIST OF EFFECTIVE SHEETS

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4th	272.55	4th <sup>1</sup>	276	5th	282	2nd	292.1
1st	272.56	4th	277	2nd	282.1	4th	293
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3rd	272.62	3rd	279	1st	284.2	2nd	299
2nd	272.63	4th <sup>2</sup>	279	2nd	285	2nd	300
1st	272.64	3rd	280	2nd	286	2nd	301
2nd	273	4th <sup>2</sup>	280	2nd	287	2nd	302
3rd <sup>1</sup>	273	3rd	280.1	3rd	288	2nd	303
3rd	274	4th <sup>2</sup>	280.1	2nd	288.1	3rd	304
4th <sup>1</sup>	274	5th	281	2nd	289	2nd	305
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NOTE 1: Issued

NOTE 2: Advice Letter No. 17296 withdrawn August 7, 1997.

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21st	CS B	4th	8.1	3rd	18.4
150th	CS C	2nd	8.2	4th	19
194th	CS D	1st	8.3	3rd	20
30th	CS D.1	4th	9	4th	21
31st <sup>1</sup>	CS D.1	5th	10	2nd	21.1
7th	ToC A	4th	11	2nd	21.2
7th	ToC B	3rd	12	2nd	21.3
5th	ToC C	5th	13	4th	22
7th <sup>1</sup>	ToC C	3rd	14	6th	23
4th	1	3rd	15	6th	24
7th	2	10th	16	5th	25
4th	3	7th	17	6th	25.1
4th	4	4th	18	7th	25.2
4th	5			3rd	25.3

NOTE 1: Issued

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PRIVATE LINE SERVICES

B3. ANALOG SERVICES

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PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.1 GENERAL (Cont'd)

3.1.1 CLASSIFICATION OF SERIES AND TYPES USED FOR ANALOG SERVICES (Cont'd)

E. SERIES 6000 (AUDIO)

1. Type A (6005)

100 to 5,000 cycles, full-time, equalized.

2. Type B (6004)

100 to 5,000 cycles, part-time equalized.

3. Type C (6003)

300 to 3,000 cycles, full-time, non-equalized.

4. Type D (6002)

300 to 3,000 cycles, part-time, non-equalized.

F. SERIES 7000 CHANNELS (VIDEO)<sup>1</sup>

(T)

1. Type 7001

Television transmission.

G. Reserved

NOTE 1: Frozen/Grandfathered Service - See General Regulations, Schedule (N)  
Cal.P.U.C. No. B2.2.4,C. (N)

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.1 GENERAL (Cont'd)

3.1.4 MILEAGE MEASUREMENT (Cont'd)

C. SERIES 6000 PROGRAM CHANNELS

1. Mileage Measurement

a. Intrawire Center Channels - (Type F Channels)

The intrawire center mileage is the airline distance (fractional quarter miles being considered as full quarter miles) measured directly between two customer premises or between a customer's premises and the Utility's wire center.

b. Interwire center Channels (Types A,B,C,D, and E)

(1) Two-point Channels

The rate mileage is the airline distance between the wire centers determined in accordance with The National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4, Sections 11 and 16. For information on how to obtain copies of the NECA Tariff see Section 14 following. (N)

(2) Multi-point Channels

When a channel involves more than two points, the total interwire center mileage is the shortest airline mileage connecting the wire centers for the service points involved, which will meet the service requirements of the customer, each section being determined as specified in (1), preceding.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.1 GENERAL (Cont'd)

3.1.4 MILEAGE MEASUREMENTS (Cont'd)

D. SERIES 6000 ONE-WAY PROGRAM TRANSMISSION NETWORK CHANNELS

1. Intrawire Center Channels

a. Transmitting and Receiving Channels

The channel mileage is the airline distance from each customer location to its serving central office. Each channel is measured separately, a fractional quarter mile being considered as a whole quarter mile.

- b. Where there are two or more serving central offices in the same building, they are treated as one in determining the channel charges.

2. Interwire Center Channels

a. Two-point Channels

The rate mileage is the airline distance between the wire centers determined in accordance with The National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4, Sections 11 and 16. For information on how to obtain copies of the NECA Tariff see Section 14 following. (N)

b. Multi-point Channels

The interwire center channel mileage is the shortest airline distance connecting the serving central office of the transmitting station and all serving central offices involved in the same wire center. The principal central office of that wire center is considered a serving central office when interwire center channels are furnished. The distance between each two serving central offices along the pricing route is measured separately with fractional miles in each section being considered as whole miles.

When a channel involves more than two points, the total interwire center mileage is the shortest airline mileage connecting the wire centers for the service points involved, which will meet the service requirements of the customer, each section being determined as specified in a., preceding.

When a network serves wire centers other than the wire center in which the transmitting station is located, the principal central office of each such other wire center connected to the network is treated as though it were the serving central office of a transmitting station in determining the interwire center channel mileages.

Where there are two or more serving central offices in the same building, they are treated as one in determining interwire center channel mileage.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.1 GENERAL (Cont'd)

3.1.5 NONRECURRING MOVE AND CHANGE CHARGES

Series 6000 and 7000<sup>1</sup> (T)

A change in termination from one series type to another series type at the customer's request will be treated as a new installation.

Moves and changes of channel termination wiring on the premises of the customer or authorized user at the customer's request will be subject to the following nonrecurring charges.

A. RESERVED

B. RESERVED

NOTE 1: Frozen/Grandfathered Service - See General Regulations, Schedule (N)  
Cal.P.U.C. No. B2.2.4,C. (N)

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.2 VOICE GRADE (VOICE)

A. DESCRIPTION

1. Type 2001 (VG32)

- a. Private line telephone service uses channel facilities used to connect customer-provided terminal equipments or communications systems to other terminal equipments. Such facilities are furnished to enable the customer, or the customer and authorized user, to communicate orally between specified locations. Such facilities are furnished only between different premises.
- b. Private line voice service is that of providing the requisite facilities to enable the customer or the customer and authorized user to communicate orally between specified locations.
- c. The channels used for private line voice service are exclusive of those furnished under the exchange service schedules of the Utility.
- d. Analog Special Services - Voice (Type 2001) - Approximate bandwidth of 300-3000 Hertz. Furnished for voice transmission on a half-duplex basis.

- e. Extension Service<sup>1</sup> (T)

Extension service is that of furnishing facilities for authorized connection to an interwire center private line telephone circuit furnished to a branch or agency of the United States Government for the collection and dissemination of information relating to air traffic control activities and similar information of public interest in connection with supervision of the flight of aircraft along civil airways.

Extension service is furnished twenty-four hours per day, seven days per week, for a minimum period of one month.

Allowance for service interruptions is as provided in Schedule Cal.P.U.C. No. A2.1.14.

NOTE 1: Frozen/Grandfathered Service - See General Regulations, Schedule (N)  
Cal.P.U.C. No. B2.2.4,C. (N)

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.3 VOICE GRADE (DATA) (T)

A. DESCRIPTION (T)

This schedule contains the rates, charges and regulations applicable to Type 3001, 3007 and 3009 (VG36) services for remote metering, supervisory control, miscellaneous signaling and voice frequency monitoring purposes, and to series Type 3002 (VG36) services for data transmission. (T)

1. Metering, Control and Signaling Channels - Type 3001, 3007 and 3009

a. Type 3001 and 3009 for remote metering, supervisory control, miscellaneous signaling and voice frequency monitoring purposes are facilities suitable for connecting metering, supervisory control, signaling and voice monitoring equipment, provided by the customer, and are furnished between specified locations.

b. Type 3001 and 3009 are furnished for such purposes as to indicate the readings of meters at distant locations, to operate switches which in turn perform some desired operation, to operate signal devices or for voice monitoring. The purposes for which a service is to be used must be made known to the Utility.

c. Type 3007 channels are furnished specifically for alarm service monitoring and metering and are suitable for connecting metering and monitoring equipment provided by the customer. (See B.1.o. following)

d. Channel Types (T)

(1) Type 3001 (VG36) (T)

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 with overall installed loss of - 16 db ( $\pm$  1db). Type 3001 services are suitable for the transmission of tones. They are also suitable to be equipped for direct current continuity where facilities are available.

(2) Type 3007 (VG36) (T)

A basic, non-designed two-point voice grade circuit with transmission characteristics similar to those of private line telephone service. This channel provides for the transmission of half duplex service with an approximate bandwidth of 300-3000 Hertz. (See B.1.o. following)

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS

A. TYPES AND DESCRIPTION

This schedule contains the rates and regulations applicable to:

Series 6000 One-Way Program Transmission Network Channels for one-way program transmission networks in connection with loudspeakers

and

Series 6000 Program Channels for program transmission in connection with loudspeakers, sound reproduction or sound recording.

1. One-Way Program Transmission Network Channels

- a. Channels for One-Way Program Transmission Network in connection with loudspeakers are channel facilities suitable for one-way transmission of music and speech, from transmitting equipment to loudspeakers, provided by the customer, and are furnished between specific locations.
- b. The channel facilities are intrastate facilities furnished in situations where a customer desires to transmit programs from a transmitting station to a group of receiving stations, generally within the same wire center area, interconnected at all times to form a distinct operating network. The channel facilities are not provided as a substitute for individual type channels for program transmission, neither will they be connected with such individual type channels for program transmission facilities nor with facilities furnished in connection with exchange, message toll, private line telephone service, or channels for one-way speech networks. The channel facilities furnished hereunder may be connected with loudspeaker paging systems.
- c. Transmitting Station Channels  
  
Provided within a wire center area between the customer's transmitting station and the serving central office.
- d. Receiving Station Channels  
  
Provided within a wire center area between each customer's receiving station and the serving central office.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

A. TYPES AND DESCRIPTION (Cont'd)

1. One-Way Program Transmission Network Channels (Cont'd)

e. Station Channel Extensions

Provided to extend a channel location on the same premises on which the channel terminates. They may be provided by the Utility at the customer's request and expense in lieu of station wiring. (T)

f. Intrawire Center Channels

Provided to connect the serving central office of a customer's transmitting station and all other serving central offices of the network in the same wire center; also to connect the serving central office of the customer's transmitting station and the principal central office of the same wire center for transmission of programs to other wire centers and to connect the principal central office of each such other wire center receiving programs, with all other serving central offices involved in that wire center.

g. Interwire Center Channels

Provided between the wire centers in which the stations of a network are located.

Type 6005 and Type 6004 interwire center channels (for full-time and part-time use,) are provided for transmission of program material, within a frequency range of approximately 100 to approximately 5,000 hertz, provided between the wire centers in which the customer's stations of a network are located. Type 6007 and Type 6006 interwire center channels (for full-time and part-time use, respectively,) are provided for transmission of program material within a frequency range of approximately 50 to approximately 8,000 hertz.

2. Program Channels

- a. Channels for program transmission in connection with loudspeakers, sound reproduction or sound recording are channel facilities suitable for connecting sound reproduction or sound recording apparatus owned by the customer and are furnished between specific locations at the customer's request and expense. (T)

b. Intrawire Center Channels (Type F)

The rates and charges for intrawire center channels provide for program channel facilities within a wire center area between stations, or between stations and the point of connection with interwire center channels.

Continued

PRIVATE LINE SERVICES



Advice Letter No. 16555

Issued by

Date Filed: May 10, 1993

Decision No.

Eric Batongbacal

Effective: August 8, 1993

Executive Director

Resolution No.

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

A. TYPES AND DESCRIPTION (Cont'd)

2. Program Channels (Cont'd)

c. Interwire Center Channels (Including Receiving, Transmitting and Bridging Connections)

- (1) Type A: The rates and charges for Type A (6005) channels provide for the full-time use of a program transmission, with individual operation and supervision, for the high quality transmission of music and speech. They cover the provision of interwire center channels and services, including receiving and transmitting connections.
- (2) Type B: The rates and charges for Type B (6004) channels provide for the part-time use of the program transmission, with individual operation and supervision, for the high quality transmission of music and speech. They cover the provision of interwire center channels and services, including receiving and transmitting connections.
- (3) Type C: The rates and charges for Type C (6003) channels provide for the part-time use of program transmission without individual operation and supervision, for the medium quality transmission of music and speech. Transmission limitations permit the use of these channels only over limited distances. The rates and charges cover the provision of interwire center channels and services including bridging connections.
- (4) Type D: The rates and charges for Type D (6002) channels provide for the part-time use of program transmission facilities, without individual operation and supervision, for the medium quality transmission of music and speech. Transmission limitations permit the use of these channels only over limited distances. The rates and charges cover the provision of interwire center channels and services including bridging connections.
- (5) Type E: The rates and charges for Type E (6007) channels provide for the part-time use of program transmission facilities, suitable for the transmission of speech only. They cover the provision of interwire center channel facilities and services including bridging connections. The number of Type E facilities is limited by operating and transmission factors.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

B. REGULATIONS

1. One-Way Program Transmission Network Channels

- a. The general regulations and definitions applicable to private line services and channels set forth in Schedule Cal.P.U.C. No. B2. also apply to One-Way Program Transmission Network Channels.
- b. Channels especially equipped for program transmission networks in connection with loudspeakers are furnished for transmission of speech and music in one direction from a transmitting station to one or more receiving stations.
- c. Channel networks will be furnished for 16 or more hours per day, seven days per week.
- d. Station Apparatus

All station equipment and station wiring, other than any equipment necessary for the suitable termination of the channel on the premises of the customer or authorized users and other than station channel extensions furnished by the Utility, shall be provided by the customer. Program channel wiring on the property owned or leased by the customer may be included as station wiring. The use of transmitting equipment and loudspeakers furnished by the customer is the entire responsibility of the customer and the Utility assumes no obligation with respect thereto.

e. Interconnection of Networks

Separate networks of the same customer, either interwire center or intrawire center, may be interconnected by the customer if desired. Interconnection of networks of different customers is not permitted.

f. Coordinating Facilities

Any of the services of the Utility used for coordinating purposes are charged for at the scheduled rates applicable.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

B. REGULATIONS (Cont'd)

1. One-Way Program Transmission Network Channels (Cont'd)

g. Switching Arrangements

Switching arrangements will be provided whereby the customer may interconnect two or more separate networks of the customer, where facility conditions permit. Additional installation and monthly charges are applicable based on cost. Charges are determined independently for each network connected to a switching arrangement.

h. Mileage measurement is the airline distance as stated in B3.1.4,D.

2. Program Channels

a. The general regulations and definitions applicable to private line services and channels set forth in Schedule Cal.P.U.C. No. B2. also apply to Program Channels.

b. Channels specially equipped and operated for program transmission in connection with loudspeakers, sound reproduction or sound recording are furnished for the transmission in one direction of music or speech, but not for communication purposes other than those necessary and incidental to the selection and rendition of the program. Transmission in the opposite direction as provided by reversing the direction of transmission of the channels, where practicable or by furnishing additional channels.

c. Where facilities permit, the customer may use channels furnished by the Utility to transmit more than one tone in sequence or simultaneously for record ordering, coin collection or remote control and indication purposes. Also, for such purposes, the customer may use Type F channels (without amplifiers) between two stations to create channels for direct current transmission.

d. The channels covered in this schedule are intrastate channels furnished by the Utility for program transmission in connection with loudspeakers, sound reproduction or sound recording. Channels furnished in connection with exchange, message toll or private line telephone service may not be connected with program transmission channels nor be connected directly or indirectly with loudspeaker, sound reproduction or sound recording equipment at customer's stations. Channels furnished for program transmission in connection with loudspeakers may be connected with loudspeaker paging systems.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

B. REGULATIONS (Cont'd)

2. Program Channels (Cont'd)

e. Minimum Contract Period

The minimum contract term is as indicated in the rates for channels except when the cost of construction is such as to necessitate a longer contract period. In the latter case, the Utility may require execution of a contract with a greater minimum period.

f. Receiving, Transmitting and Bridging Connections

Receiving, transmitting or bridging connection of any of the types of channels furnished may be used, if practicable, in connection with any channels of the same or a lower type with respect to the quality of transmission.

g. Reversal in Transmission

Interwire center channels, intrawire center channels, and transmitting and receiving connections may be used for transmission in the opposite direction, provided it is practicable to reverse the direction of transmission, subject to the charges specified.

h. Switches

- (1) A switch is the operation whereby a section of an existing network (interwire center channel, intrawire center channel) (Type F channels or connection) is disconnected and reconnected to another section of a network.
- (2) Switching includes the provision of switching equipment and services. If additional program equipment and services such as receiving, transmitting or bridging connections, or additional intrawire center (Type F) channels, or interwire center channels are required in connection with the switching operations, they will be furnished at the rates for such items specified in this schedule.
- (3) In connection with Types B and D channels, switching will be done within a single occasion of use if the customer desires, in which case the total elapsed time including the switching time will be charged for. Charges for switches will also be applicable at the charges specified for Type A channels where Type B channels are involved, and at the charges specified for Type C channels where Type D channels are involved.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

B. REGULATIONS (Cont'd)

2. Program Channels (Cont'd)

h. Switches (Cont'd)

(4) No switching charge is made when a new facility or a facility furnished on a part time basis is connected to an existing facility. Neither do switching charges apply to a facility in connection with reversing the direction of transmission of such a facility.

(5) If frequently recurring switches are contracted for in advance, charges based on costs apply.

i. Use of Program Transmission Channels for Monitoring Purposes

(1) A charge per occasion of use will be applied where an interwire center channel is connected to an intrawire center channel (Type F) for monitoring purposes.

(2) When a customer at a station desires to monitor a program being transmitted from another station in order that they may know when to start transmission from their station, any program channels of the customer which are available may be used. Charges at scheduled rates will apply for any services furnished by the Utility to adapt such channel for monitoring purposes.

j. Coordinating Facilities

Any of the services of the Utility used for coordinating purposes are charged for at the scheduled rates applicable.

k. Terminal Equipment

All station equipment and station wiring, other than any equipment necessary for the suitable termination of the channels on the customer's side of the local loop demarcation point, shall be provided by the customer. Program channel wiring on the property owned or leased by the customer and upon which the station is located may be included as station wiring. Amplifying equipment provided by the customer and located at the customer's station may be used, in accordance with Schedule Cal.P.U.C. No. B2., to connect channels of the several types furnished under this schedule. The use of loudspeakers, sound reproduction or sound recording, amplifier, and channel-creating equipment furnished by the customer is the entire responsibility of the customer and the Utility assumes no obligation with respect thereto. (T)

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

B. REGULATIONS (Cont'd)

2. Program Channels (Cont'd)

1. Interconnections of Channels of the Same or Different Type

Interconnection Involving Type A Channels

Channels of any of the types provided by the Utility under this schedule may be interconnected with channels of the same or different types provided by the Utility under this schedule or by a connecting company, subject to the following regulations:

- (1) Type A channels may be connected with other Type A channels. Either Type A or Type B rates, whichever are applicable, apply for any additional channels and services required.
- (2) Type B channels may be connected with Type A channels. Type A or Type B rates apply for any additional channels and services required.
- (3) Type C channels may be connected with Type A channels. The charge made for bridging equipment furnished for the interconnection will be that applying for a Type A or Type B transmitting or receiving connection.
- (4) Type D channels may be connected with Type A channels under the same regulations and at the same charges as in (3) preceding.
- (5) Type E channels may be connected with Type A channels as provided in (25) following.
- (6) Intrawire center channels (Type F) may be connected with Type A channels as provided in Interconnections Involving Intrawire Center Channels (Type F) following.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

B. REGULATIONS (Cont'd)

2. Program Channels (Cont'd)

1. Interconnections of Channels of the Same or Different Type (Cont'd)

Interconnections Involving Type B Channels

- (7) The connection of Type B with Type A is covered under (2) preceding.
- (8) Type B channels may be connected with other Type B channels. Type B rates apply for any additional channels and services required.
- (9) Type C channels may be connected with Type B channels. The charge made for bridging equipment furnished for the interconnection will be that applying for a Type B transmitting or receiving connection.
- (10) Type D channels may be connected with Type B channels under the same conditions and at the same charges as in (8) preceding.
- (11) Type E channels may be connected with Type B channels as provided in (25) following.
- (12) Intrawire center channels (Type F) may be connected with Type B channels as provided in Interconnections Involving Intrawire Center Channels (Type F) following.

Interconnections Involving Type C Channels

- (13) The connection of Type C channels with Type A channels is covered under (3) preceding.
- (14) The connection of Type C channels with Type B channels is covered under (9) preceding.
- (15) Type C channels may be connected with other Type C channels provided distance (transmission) limitations are not exceeded. Additional charges apply for additional interwire center channels required, at either Type C or Type D rates, whichever are applicable, and bridging connections furnished will be charged for at either Type C or Type D rates, whichever are applicable.
- (16) Type D channels may be connected with Type C channels, provided distance (transmission) limitations are not exceeded. Additional charges apply for additional interwire center channels required, at either Type C or Type D rates, whichever are applicable and bridging connections furnished will be charged for at either Type C or Type D rates, whichever are applicable.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

B. REGULATIONS (Cont'd)

2. Program Channels (Cont'd)

1. Interconnections of Channels of the Same or Different Type (Cont'd)

(17) Type E channels may be connected with Type C channels as provided in (25) following.

(18) Intrawire center channels (Type F) may be connected with Type C channels as provided in Interconnections Involving Intrawire Center Channels (Type F) following.

Interconnections Involving Type D Channels

(19) The connection of Type D channels with Type A channels is covered under (4) preceding.

(20) The connection of Type D channels with Type B channels is covered under (10) preceding.

(21) The connection of Type D channels with Type C channels is covered under (16) preceding.

(22) Type D channels may be connected with other Type D channels provided distance (transmission) limitations are not exceeded. Additional charges apply for additional interwire center channels required, and bridging connections furnished will be charged for at Type D channel rates.

(23) Type E channels may be connected with Type D channels as provided in (25) following.

(24) Intrawire center channels (Type F) may be connected with Type D channels as provided in Interconnections Involving Intrawire Center Channels (Type F) following.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

B. REGULATIONS (Cont'd)

2. Program Channels (Cont'd)

1. Interconnections of Channels of the Same or Different Type (Cont'd)

(25) Type E channels may be connected with network facilities of Types A, B, C and D, and with other Type E facilities. Additional charges, at the scheduled rates applicable, apply for any additional interwire center channel facilities required. Bridging connections furnished to connect the Type E interwire center channel with a network of another type of facilities are provided at Type E facility rates.

(26) Intrawire channels (Type F facilities) may be connected with Type E channels as provided in (25) preceding.

Interconnections Involving Intrawire Center Channels (Type F Channels)

Intrawire center channels (Type F) may be connected with channels of all other types and with other local channels (Type F).

m. Interconnection of Networks

(1) When a network contains channels of more than one of the types, the interwire center mileage will be determined separately for the channels of each type furnished, and the interconnection will be treated as in (2) following.<sup>1</sup>

(2) Two or more networks comprising channels of the same or different types will be interconnected at a service point. When so interconnected, the interwire center mileage will be determined separately for each network.

NOTE 1: The term "junction point" indicates an intrawire center or interwire center other than a service point at which it is practicable to interconnect program channels.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

B. REGULATIONS (Cont'd)

2. Program Channels (Cont'd)

n. Application of Rates for Fractional Periods

- (1) Rates on a Monthly, Two Weeks or One Week Basis - Types A, B, C, D and F Channels.

Where rates are on a "per month" basis only, the minimum charge will be for one month. Where rates are on a "per month" or "two weeks" basis, the minimum charge will be the rate for two weeks, provided that the period of use does not exceed two weeks. Where rates are on a "per month" or "one week" basis, the minimum charge will be the rate for one week provided that the period of use does not exceed one week; otherwise the minimum charge will be the rate for one month. If the period of use exceeds one month, the charges for fractional months consecutive with the first month will be the proportionate part of the monthly charges based on the actual number of days the channels are furnished.

- (2) Rates on an Hourly Basis - Types A, B, C, D and E Channels

For additional use preceding or succeeding and consecutive with the daily contract period in connection with Type A channels:

A portion of an hour will be charged for as a full hour except that no charge will be made for a period of use not exceeding nine minutes.

For additional use not consecutive with the daily contract period in connection with Type A channels and for each occasion of use in connection with Types B, D and E channels:

When the use exceeds one hour and the rate for the use in excess of one hour is on an hourly basis, a portion of an hour will be charged for as a full hour except that no charge will be made for such use not exceeding nine minutes. Where the rate for the use in excess of one hour is on a fifteen minute basis, a portion of a fifteen minute period will be charged for as a full fifteen minute period except that no charge will be made for such use not exceeding three minutes.

o. Mileage Measurement

Mileage is measured as shown in Schedule Cal.P.U.C. No. B3.1.4,D. for Series 6000 Channels.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

C. RATES AND CHARGES

1. One-Way Program Transmission Network Channels

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
a. Full Time			
Station connection <sup>1</sup>			
- Each connection	\$ NO	\$ 5.97 (R)	DBD
- Minimum per wire center	NO	34.14 (R)	MU3
Intrawire center channels <sup>2</sup>			
Transmitting and receiving			
- Each 1/4 mile or fraction	73.96 (R)	2.13 (R)	1LGJR
Equalization			
- Each channel	73.96 (R)	NO	F5F++
Interwire center channels			
- Each mile or fraction	NO	8.53 (R)	1LGJS
Interwire Center Channels			
Type 6007, per mile or fraction			
-16 hours per day		16.21	1LGH4
-Each additional hour, per day		.34	1LGH2
Type 6005, per mile or fraction			
-16 hours per day		13.65	1LGJ4
-Each additional hour per day		.26	1LGJ2
Minimum network charge			
-Each network		170.68 (R)	MU2

NOTE 1: Where there are two or more central offices served from the same wire center building, they are treated as one in determining the minimum charge.

NOTE 2: A charge equal to the installation charge also applies to each station channel moved to a new location on the same premises.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

C. RATES AND CHARGES (Cont'd)

1. One-Way Program Transmission Network Channels (Cont'd)

a. Full Time (Cont'd)

	<u>Monthly Rate</u>	<u>USOC</u>
Switching arrangement <sup>2</sup> - Each	\$ NO	WH4X2

b. Part-Time

Channels furnished for temporary periods of less than one month, for use in connection with networks, are provided at the following charges:

- (1) Station Connection Charge: The station connection charge is that for one month.
- (2) Intrawire Center Channels: The charges for station channels and station channel extensions are those for one month. Installation and equalization charges also apply as set forth.
- (3) Interwire Center Channels

	<u>Minimum Charge</u>	<u>Charge Per Hour Or Fraction</u>	<u>USOC</u>
Type 6006, per mile or fraction <sup>1</sup> - Each channel, per occasion of use	\$4.27 (R)	\$.43 (R)	1LGL4
Type 6004, per mile or fraction <sup>1</sup> - Each channel, per occasion of use	3.41 (R)	.34 (R)	1LGM4

(4) Switching Arrangements<sup>2</sup>

The minimum charge is that for one month plus an installation charge based on cost.

NOTE 1: The maximum charge per month for Type 6006 and Type 6004 channels shall not exceed the charge for equivalent Type 6007 and Type 6005 channels, respectively.

NOTE 2: See B.2.h preceding for method of charging.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

C. RATES AND CHARGES (Cont'd)

2. Program Channels

a. Intrawire Center Channels (Type F)

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
(1) Full-Time Service			
- Nonequalized, first 1/4 mile	\$73.96 (R)	\$5.97 (R)	1LG1R
(3003A)			
- Nonequalized, each additional 1/4 mile	NO	2.13 (R)	1LG1R
Equalized, first 1/4 mile			
- 5 kHz	73.96 (R)	6.40 (R)	1LG5R
- 8 kHz	73.96 (R)	6.57 (R)	1LG8R
- 15 kHz	73.96 (R)	7.00 (R)	1LG1R
(3003A)			
Equalized, each additional 1/4 mile			
- 5 kHz	NO	2.56 (R)	1LG5R
- 8 kHz	NO	2.73 (R)	1LG8R
- 15 kHz	NO	3.16 (R)	1LG1R

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

C. RATES AND CHARGES (Cont'd)

2. Program Channels (Cont'd)

a. Intrawire Center Channels (Type F) (Cont'd)

	<u>Installation Charge</u>	<u>Charge For One Week Or Less</u>	<u>USOC</u>
(2) Part-Time Service			
- Nonequalized, first 1/4 mile	\$73.96 (R)	\$2.99 (R)	1LGWR
- Nonequalized, each additional 1/4 mile	NO	1.07 (R)	1LGWR
Equalized first 1/4 mile			
- 100 to 5,000 Hertz	73.96 (R)	3.20 (R)	1LG6R
- 50 to 8,000 Hertz	73.96	3.29	1LG9R
- 50 to 15,000 Hertz	73.96 (R)	3.50 (R)	1LG2R
Equalized, each additional 1/4 mile			
- 100 to 5,000 Hertz	NO	1.28 (R)	1LG6R
- 50 to 8,000 Hertz	NO	1.37	1LG9R
- 50 to 15,000 Hertz	NO	1.58 (R)	1LG2R
		<u>Nonrecurring Charge</u>	<u>USOC</u>
(3) Equalization <sup>1</sup>			
- Each channel equalized		\$14.22 (R)	F5G
- Each group of two channels between the same points and equalized at the same time		14.22 (R)	GT7

NOTE 1: Equalization desired by the customer shall be provided by the customer where direct current transmission is used on channels created from those Type F channels, under A. Types and Description.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

C. RATES AND CHARGES (Cont'd)

2. Program Channels (Cont'd)

a. Intrawire Center Channels (Type F) (Cont'd)

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(4) Reversals in Direction of Transmission, when not associated with the reversal of an interwire center channel		
- Each reversal of each intrawire center channel, including restoration of direction of transmission to normal	\$1.19 (R)	FQ5
- Each reversal of each group of two intrawire center channels between the same points and reversed at the same time, including restoration of direction of transmission to normal	1.19 (R)	GU7
- When associated with the reversal or setting up of an interwire center channel	NO	NA

b. Interwire Center Channels (Including Receiving, Transmitting and Bridging Connections)

	<u>Monthly Rate</u>	<u>USOC</u>
(1) Full-Time Service, Type A		
Per airline mile for contact period of 16 or more consecutive hours of use per day, seven days per week		
- 16 hours or fraction thereof per day	\$13.65 (R)	1LGJ4
- Each additional hour or fraction thereof per day	.26 (R)	1LGJ2
(2) Full-Time, Type A		
Receiving Connection <sup>1</sup>		
- 16 hours or fraction thereof per day	260.76 (R)	SK516
Additional hours per day		
- First hour or fraction thereof	42.67 (R)	SK517
- Next two-hour period or fraction thereof	42.67	SK519
- Next five-hour period or fraction thereof	42.67 (R)	SK524

NOTE 1: No additional charge is made for receiving connections during periods when reversed and used as transmitting connections.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

C. RATES AND CHARGES (Cont'd)

2. Program Channels (Cont'd)

b. Interwire Center Channels (Including Receiving, Transmitting and Bridging Connections) (Cont'd)

	<u>Monthly Rate</u>	<u>Charge Per Hour Or Fraction</u>	<u>USOC</u>
(3) Full-Time Type A			
Transmitting Connection <sup>1</sup>			
- Each connection	\$136.54 (R)	\$ NO	GV7MO
- Plus during periods when reversed and used as receiving connections, each, per hour of use or fraction thereof	NO	4.27 (R)	VV3
		<u>Nonrecurring Charge</u>	<u>USOC</u>
(4) Full-Time Type A			
Reversal in Direction <sup>2</sup>			
- Per airline mile of interwire center channel, including reversal of associated intrawire center channels (Type F)		\$.07	RR4
- Minimum charge		8.53 (R)	RR4

NOTE 1: Where short lengths of interwire center channel between service points are involved, receiving and transmitting connections may not be required for high quality transmission. Where they are not required, no charge for such connections will be made.

NOTE 2: This note applies where reversal in direction of transmission is practicable. If reversals on a frequently recurring basis are contracted for in advance, charges based on costs incurred, apply in lieu of the above charges. Where reversal in the direction of transmission is not practicable Type B channels may be used for transmission in the opposite direction, at Type B channel rates.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

C. RATES AND CHARGES (Cont'd)

2. Program Channels (Cont'd)

b. Interwire Center Channels (Including Receiving, Transmitting and Bridging Connections) (Cont'd)

	<u>Charge Per Hour Or Fraction</u>	<u>USOC</u>
(5) Full-Time, Type A		
When the additional hours not contracted for precede or succeed and are consecutive with the daily contract period per occasion of use <sup>1</sup>		
- Interwire center channel per airline mile	\$.02	1LGJT
- Receiving connection, each	2.56 (R)	SK5CO
- Transmitting connection, each	NO	GV7CO

(6) Full-Time, Type A

When the additional hours not contracted for are not consecutive with the daily contract period per occasion of use<sup>1</sup>

- Interwire center channel per airline mile	.050	1LGJ3
- Receiving connection, each	4.27 (R)	SK5NC
- Transmitting connection, each	NO	GV7NC

	<u>Monthly Rate</u>	<u>Charge For Two Weeks Or Fraction</u>	<u>USOC</u>
(7) Full-Time, Type C			
For use 24 hours per day, seven days per week			
- Interwire center channel, per airline mile	\$8.88 (R)	\$NO	1LGN4
- Interwire center channel, per airline mile	NO	7.25 (R)	1LGO4
- Each bridging connection	102.41 (R)	NO	5FT
- Each bridging connection	NO	85.34 (R)	5F4

NOTE 1: The rates will be applied for the period from the end of the daily contract period to the end of the additional hours of use or for the period from the start of the additional hours to the start of the daily contract period if this results in lower charges.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

C. RATES AND CHARGES (Cont'd)

2. Program Channels (Cont'd)

b. Interwire Center Channels (Including Receiving, Transmitting and Bridging Connections) (Cont'd)

		<u>Nonrecurring Charge</u>	<u>USOC</u>
(8) Full-Time, Type C, Reversal in Direction <sup>1</sup>			
- Per airline mile of interwire center channel, including reversal of associated intrawire center channels (Type F)		\$.043 (R)	VW3
- Minimum Charge		4.27 (R)	VW3 (T)
	<u>Monthly Rate</u>	<u>Charge Per Hour Or Fraction</u>	<u>USOC</u>
(9) Part-Time, Type B			
- Interwire center channel, per airline mile <sup>1</sup>	\$NO	\$.34 (R)	1LGM4
- Receiving connection <sup>2,3</sup>	143.92 (R)	NO	SR5MO
- Plus per hour use	NO	4.50 (R)	SR5HR
- Transmitting connection <sup>3</sup>	136.54 (R)	NO	ZQH

NOTE 1: Includes restoration of direction of transmission to normal.

NOTE 2: The maximum charge per month shall not exceed the charge for a Type A channel.

NOTE 3: a. Either a transmitting or receiving connection may be used for transmission in the opposite direction, provided it is practicable to reverse the direction of transmission. When a transmitting connection is reversed and used for receiving, the hourly rate specified for receiving connections also applies. The hourly rate for receiving connections does not apply when receiving connections are reversed and used as transmitting connections.

b. Where short lengths of interwire center channel between service points are involved, receiving and transmitting connections may not be required for high quality transmission. Where they are not required, no charge for such connections will be made.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

C. RATES AND CHARGES (Cont'd)

2. Program Channels (Cont'd)

b. Interwire Center Channels (Including Receiving, Transmitting and Bridging Connections) (Cont'd)

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(10) Part-Time, Type B, Reversal in Direction <sup>1</sup>		
- Per airline mile of interwire center channel, including reversal of associated intrawire center channels (Type F)	\$.07	RR4
- Minimum charge	8.53 (R)	RR4

NOTE 1: Reversals in the direction of program transmission on Interwire Center Channels are ordinarily treated as new occasion of use. However, if the customer desires and reversal is practicable, the reversal will be treated as occurring within a single occasion of use, the total elapsed time including reversal time will be charged for, and the reversal charges specified for Type A channels will apply.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

C. RATES AND CHARGES (Cont'd)

2. Program Channels (Cont'd)

b. Interwire Center Channels (Including Receiving, Transmitting and Bridging Connections) (Cont'd)

	<u>Minimum Charge</u>	<u>Charge Per Hour Or Fraction</u>	<u>USOC</u>
(11) Part-Time, Type D			
- Interwire center channel, per airline mile <sup>1</sup>	\$ NO	\$.26 (R)	1LGP4
- Each bridging connection <sup>1</sup>	NO	2.13 (R)	5FUHR
- Minimum bridging connection charge	68.27 (R)	NO	5FUMO
		<u>Nonrecurring Charge</u>	
Reversal in Direction <sup>2</sup>			
- Per airline mile of interwire center channel, including reversal of associated intrawire center channels (Type F)		\$.05	
- Minimum Charge		4.27 (R)	

NOTE 1: The maximum charge per month or for two weeks or bridging connection shall not exceed the charge for a Type C channel.

NOTE 2: If the customer desires, the Interwire center channels will be reversed, within a single occasion of use, in which case the total elapsed time including the reversal time will be charged for, and the reversal charges will also apply per reversal, including restoration of direction of transmission to normal.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

C. RATES AND CHARGES (Cont'd)

2. Program Channels (Cont'd)

b. Interwire Center Channels (Including Receiving, Transmitting and Bridging Connections) (Cont'd)

	<u>Minimum Charge</u>	<u>Charge Per Hour Or Fraction</u>	<u>USOC</u>
(12) Part-Time, Type E			
- Interwire Center Channel, per airline mile	NO	\$0.17 (R)	1LGQ4
- Each additional 15 minutes or fraction thereof consecutive with initial period	NO	.05	1LGQ2
- Each bridging connection	NO	1.71 (R)	6EB
- Minimum bridging connection charge	\$42.67 (R)	NO	6EB
Reversal in Direction <sup>1</sup>			
- Per airline mile of interwire center channel, including reversal of associated intrawire center channels (Type F)	NO	.047 (R)	VW3
- Minimum Charge	4.74 (R)	NO	VW3

NOTE 1: If the customer desires, the Interwire center channels will be reversed, within a single occasion of use, in which case the total elapsed time including the reversal time will be charged for, and the reversal charges will also apply per reversal, including restoration of direction of transmission to normal.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.6 SERIES 6000 CHANNELS (Cont'd)

C. RATES AND CHARGES (Cont'd)

2. Program Channels (Cont'd)

b. Interwire Center Channels (Including Receiving, Transmitting and Bridging Connections) (Cont'd)

	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
(13) Switches			
Type A			
- Per switch <sup>1</sup>	\$ NO	\$2.13 (R)	SV5
Type C			
- Per switch <sup>1</sup>	NO	1.02 (R)	SW5
(14) Program Monitoring <sup>2</sup>	3.13 (R)	NO	MY5
- Each connection			

NOTE 1: No switching charge is made when a new channel or a channel furnished on a part-time basis is connected to an existing channel. Neither do switching charges apply to a channel in connection with reversing the direction of transmission of such channel. If frequently recurring switches are contracted for in advance, charges based on costs incurred, apply in lieu of the above charges.

NOTE 2: See Regulations B.1.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.7 SERIES 7000 CHANNELS<sup>1</sup> (T)

This schedule contains the rates, charges and regulations applicable to channels for video transmission in connection with television viewers.

A. CHANNELS FOR VIDEO TRANSMISSION IN CONNECTION WITH TELEVISION VIEWERS

1. General

Channels for video transmission in connection with television viewers are channel facilities suitable for connecting television viewers provided by the customer, and are furnished between specific locations.

The general regulations and definitions applicable to private line channels set forth in Schedule Cal.P.U.C. No. B2. also apply to channels for video transmission in connection with television viewers.

The channel facilities covered in this section are the only intrastate channel facilities furnished by the Utility for video transmission in connection with television viewers; facilities furnished in connection with other channels may neither be connected with video transmission channels nor be connected directly or indirectly with television viewers at customers' stations. Facilities furnished for audio transmission, Series 6000, may be used in providing audio transmission in connection with channels for video transmission.

These channels are not for use in connection with broadcasting by television stations. Broadcast channels are provided under interstate tariffs.

NOTE 1: Frozen/Grandfathered Service - See General Regulations, Schedule (N)  
Cal.P.U.C. No. B2.2.4,C. (N)

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.7 SERIES 7000 CHANNELS<sup>1</sup> (Cont'd)

A. CHANNELS FOR VIDEO TRANSMISSION IN CONNECTION WITH TELEVISION  
VIEWERS (Cont'd)

4. Rates

a. Intrawire Center Channels - Monochrome

	<u>Monthly</u> <u>Rate</u>	<u>USOC</u>
<u>Monthly Service - 24 Hours per Day</u>		
- Monthly charge per channel plus mileage charge	\$165.94 (R)	1L2A8
- First 8 miles per 1/4 airline mile or fraction	18.96	1L2AR
- Each additional airline mile or fraction	33.19 (R)	1L2AS

NOTE 1: Frozen/Grandfathered Service - See General Regulations, Schedule  
Cal.P.U.C. No. B2.2.4,C.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.10 SERIES 10000 CHANNELS<sup>1</sup> (Cont'd)

C. RATES AND CHARGES

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
<u>Local facility - Series 10001</u>			
Two local facilities are required for each entrance channel, one at the station end and the other at the customer-provided communications system end			
- Each local facility, voice use (29A and 29B)	\$ 896.06 (R)	\$ 19.68 (R)	2E7
- Each local facility, data use (29C)	896.06 (R)	19.68 (R)	2E9
<u>Interoffice Facility Series 10001</u>			
Between serving central offices, per mile (Type 29A and 29B, USOC: 1L82N, and Type 29C, USOC: 1L83N)			
- 0 - 12 Miles		3.60 (R)	
- 13 - 30 Miles		2.09 (R)	
- 31 - 50 Miles		1.52 (R)	
<u>Central Office Termination</u>			
- For connection of each local facility to an inter-office facility		2.37 (R)	E46

NOTE 1: Frozen/Grandfathered Service - See General Regulations, Schedule Cal.P.U.C. No. B2.2.4,C.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.11 SPECIAL ASSEMBLIES

A. GENERAL

1. Applicability

Applicable to special assemblies of equipment to meet special requirements.

2. Regulations

When a customer is furnished special equipment for which provision is not otherwise made, an installation charge and monthly rate and where applicable, a termination charge, will be incurred based upon the total cost of the equipment furnished or of the special work required, subject to the review of such charges by the Public Utilities Commission of the State of California.

a. General

- (1) Rules of the Utility applicable to services with which special assemblies of equipment are associated also apply to the special assemblies of equipment.
- (2) Unless otherwise specified, the rates and regulations for special equipment furnished in this schedule, are in addition to the rates, charges and regulations, applicable to and as filed in other schedules of the tariff for equipment items with which the special assemblies are associated.

b. Basic Termination Charge

If at any time during the termination liability period following installation, a special assembly of equipment is disconnected as a result of a customer request or disconnection of the customer's telephone service in accordance with the Utility's applicable tariffs, the customer will be billed for the basic termination charge as specified under rates and regulations, less a credit, as indicated, of said charge for each month between the date on which said equipment was installed and the date on which it was so disconnected. For purposes of computing that basic termination charge, the last equipment installed shall be considered to be the first equipment removed.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.11 SPECIAL ASSEMBLIES (Cont'd)

A. GENERAL (Cont'd)

2. Regulations (Cont'd)

c. Cable Allowance

Unless otherwise specified in rates and regulations of this schedule, a special assembly of equipment requiring cable has included in its rate 100 feet of cable, route measurement, from the equipment item to the Utility's demarcation point or the closest practicable point to the Utility's local loop demarcation point.

(T)

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(D)

d. Equipment Located Outside Exchange Areas

Special assemblies of equipment are furnished within the exchange areas of all exchanges as said areas are defined on maps filed as part of the tariff schedules. Special assemblies of equipment may be furnished outside the defined exchange areas where facilities and operating conditions permit, and may be subject to charges in addition to the special assembly provided.

e. Limitations

- (1) Special assemblies of equipment will be furnished where they are compatible with other services furnished by the Utility.
- (2) The Utility will designate the equipment to be used to provide special assemblies of equipment.
- (3) Special assemblies of equipment signified, Frozen Date, apply only to those special assemblies in service as of the date shown, and furnished the same customer on the same premises.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.11 SPECIAL ASSEMBLIES (Cont'd)

B. SPARE CHANNEL SWITCHING

1. Rates and Charges

Equipment arrangement to permit a group of four-wire private line channels in each of two cable routes to be switched to matching spare channels in the alternate route:

<u>SAE Code</u>	<u>Basic Termination Charge</u>	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- P 62-39 <sup>1</sup> Initial group of 60 four-wire private line channels in each of two cable routes <sup>2</sup>	\$3300.00	\$RR	\$129.00	ZZZDD
- P 64-58 <sup>3</sup> Each incremental group of 12 four-wire private line channels in each of two cable routes for use with P 62-39 <sup>2</sup>	690.00	690.00	25.90	ZZZG3
- P 70-33 Initial group of 6 four-wire private line channels in each of two cable routes <sup>2</sup>	1500.00	1500.00	61.50	ZZAGJ
- P 70-34 Each incremental group of 6 four-wire private line channels in each of two cable routes for use with SAE No. P 70-33 (maximum 19 incremental groups) <sup>2</sup>	750.00	750.00	29.65	ZZAGK

NOTE 1: FROZEN July 29, 1971.

NOTE 2: Basic termination charge reduces 1/120 for each full month of service. See A.2.b. preceding.

NOTE 3: P 64-58 may be furnished in connection with P 62-39 when all such facilities are continued in service on the same premises.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.11 SPECIAL ASSEMBLIES (Cont'd)

C. REMOTE OPERATOR POSITION SERVICE

1. Regulations

The following rate item is designed to be used with Remote Operator Position Service, P 70-21 ZZAEA, P 70-22 ZZAEB, P 70-23 ZZAEC, P 70-24 ZZAED, P 70-25 ZZAEE and P 70-26 ZZAEF. These items will be provided by the customer.

2. Rates and Charges

<u>SAE Code</u>	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- P 70-27 Intraexchange channel for voice trans- mission and control purposes, each <sup>1</sup>	\$ RR	\$ RR	ZZAEG

D. MESSAGE REGISTERS

1. Regulations

The following SAE Code is required to work with P 72-26, USOC ZZALE, which is provided by the customer.

2. Rates and Charges

<u>SAE CODE</u>	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>
- P 72-27 Control channel required in addition to equipment for each trunk line <sup>2</sup>	\$ RR	\$ RR

NOTE 1: FROZEN September 13, 1976. Monthly rates for tie line service, Schedule Cal.P.U.C. No. A10.2.

NOTE 2: Monthly rates for channel terminations and channel mileage measurements for interdistrict area channels are the same as those specified for Special Access Metallic channels shown in Schedule Cal.P.U.C. No. 175-T, Section 7.5.1, (A) and (B). (T)

Continued (T)

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.12 OTHER ANALOG SERVICES (Cont'd)

A. BELL AND LIGHTS SYSTEM ATTACK WARNING SERVICE<sup>1</sup> (Cont'd)

3. Regulations (Cont'd)

c. Application of Charges.

A separate intrawire center channel charge is applicable for each control station, each alternate control station and each receiving station.

An interwire center channel may be required for connecting a control station, alternate control station or receiving station with the network.

The wire center mileage between two wire centers at which connection is made with (1) the intrawire center channel connected to the control, alternate control station or receiving station and (2) the network, is the airline distance between the wire centers as determined in accordance with The National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4, Sections 11 and 16 except as provided in the following paragraphs:

- d. On or after September 16, 1996, Bell and Lights System Attack warning service will be grandfathered and provided only to those customers of record as of September 16, 1996. No replacement service is being offered. This service will be withdrawn January 14, 1997.

4. Rates and Charges

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Each intrawire center channel	\$4.74 (R)	\$1.90 (R)	1LMFP
- Each interwire center channel, per airline mile or fraction thereof	NO	1.42 (R)	1LMCT

For information on how to obtain copies of The National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4 see Section 14 following.

NOTE 1: Frozen/Grandfathered Service - See General Regulations, Schedule Cal.P.U.C. No. B2.2.4,C.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.12 OTHER ANALOG SERVICES (Cont'd)

D. MISCELLANEOUS EXPERIMENTAL SERVICES

1. Types and Description

- a. Special assembly private line service(s) specially adapted for experimental purposes are furnished between specified locations for use by the customer as follows:

(1) In the development or trial of customer-provided equipment designed for miscellaneous transmission purposes or,

(2) In the trial and evaluation of experimental equipment provided by the Utility.

- b. These service(s) are furnished to connect two or more service points to the Utility's local loop demarcation point. (T) (N)

2. Regulations

- a. This schedule contains the rates and regulations applicable to special assembly private line service(s) for miscellaneous experimental purposes, furnished or made available by the Utility, over facilities wholly within or partly within and partly without the State of California, between stations, all of said stations being within the territory served in California.

b. Station Equipment

Station equipment and station wiring, other than the equipment and wiring necessary for the termination of the channel on the customer's premises shall be provided by the customer.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES (T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.12 OTHER ANALOG SERVICES (Cont'd) (T)

D. MISCELLANEOUS EXPERIMENTAL SERVICES (Cont'd) (T)

2. Regulations (Cont'd)

d. In addition to the general regulations and definitions applicable to Private Line Service(s) set forth in Schedule Cal.P.U.C. No. B2., the above Type and Description D.1. apply to special assembly private line service(s) for miscellaneous experimental purposes. (T)

e. Basic termination charges shown in the Rates Section reduce 1/60 for each month of service unless noted otherwise. (T)

3. Rates and Charges

a. Reserved.

b. One duplex channel with a bandwidth of approximately 240 kiloHertz for data transmission at a rate of 230,400 bits per second, connecting customer's two locations within the Sunnyvale, California exchange, is furnished for use in connection with customer-provided data equipment.

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- One-Channel	\$5600.00	\$370.00	ZZYGQ

PRIVATE LINE SERVICES

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES (T)

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.12 OTHER ANALOG SERVICES (Cont'd) (T)

D. MISCELLANEOUS EXPERIMENTAL SERVICES (Cont'd) (T)

3. Rates and Charges (Cont'd)

c. One one-way channel with a bandwidth of approximately 3MC specially conditioned for high definition, high speed transmission of facsimile signals from customer-provided facsimile equipment at Palo Alto, California, to customer-provided facsimile equipment at Riverside, California. This channel facility is furnished for eight consecutive hours per day, the same hours each day, seven days per week.

	<u>Monthly Rate</u>	<u>USOC</u>	(T)
- One Channel	\$14670.00	ZZYGH	

d. Three duplex channels, each with a bandwidth of approximately 100 kHz, connecting customer's locations are furnished the United States Air Force in connection with customer-provided terminal equipment<sup>1</sup>.

	<u>Basic Termination Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Between the Sacramento and Lincoln exchanges, and between the Sacramento and Dixon exchanges.	\$83700.00	\$5050.00	ZZYG1

e. Two groups of 18 one-way channels, each with a bandwidth of approximately 0 to 100 kHz for data transmission in connection with customer-owned high speed data equipment. The two groups will provide for transmission in opposite directions between the customer's two locations within the East Bay, California exchange.

	<u>Basic Termination Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Two channel groups	\$6200.00	\$230.00	ZZYGO

NOTE 1: The customer may create additional channels by the use of C-P equipment.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.12 OTHER ANALOG SERVICES (Cont'd)

D. MISCELLANEOUS EXPERIMENTAL SERVICES (Cont'd)

3. Rates and Charges (Cont'd)

eo. SSE #92N-07-03 (T)

Provides 12 strands of 62.5 micron multi-mode dim fiber, with optical handoff, between customer locations at 1212 Terra Bella and 960 Linda Vista, Mountain View, operating at a maximum speed of 135 Mbps. (N)

	Basic Termination Charge <sup>2</sup>	Installation Charge	Monthly Rate	USOC	
- Per System	\$20300.00	NO	\$1000.00	WZZVJ	(N)

ep. SSE #85-08-43

A fiber optic transmission system consisting of four circuits, operating at a rate of 90.0 Mbps between 1425 S. Main and 25 N. Via Monte, both in Walnut Creek.

This offering will terminate October 12, 1996.

	<u>Charge</u>	<u>Monthly Maintenance Rate</u>	<u>USOC</u>
- Per System	\$199000.00	\$50.00	WZZDA

NOTE 1: Basic Termination Charge reduces 1/60th for each month in service.

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES (T)

3.2 CLASSIFICATION AND RATES (Cont'd) (T)

3.2.12 OTHER ANALOG SERVICES (Cont'd) (T)

D. MISCELLANEOUS EXPERIMENTAL SERVICES (Cont'd) (T)

3. Rates and Charges (Cont'd)

eq. SSE #86-03-26

Five derived 1.544 Mbps channels remaining from existing 45 Mbps fiber optic facilities between Building 602, 1901 Malvern and Building 635, 4201 Bonita Place, both in the Fullerton exchange.

This offering will terminate August 23, 1996.

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Per system	\$10000.00	\$500.00	WZZDD

er. SSE #86-05-27

One pair of fiber optic cable (two fibers), and associated fiber optic data sets to support IBM 3251 type terminals in Building 90 at 2.35 Mbps from Building 67, 2555 N. Hollywood Way to Building 90, 3110 Thornton, both in the Burbank exchange.

This offering will terminate August 25, 1989.

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Per system	\$8400.00	\$800.00	WZZDX

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.12 OTHER ANALOG SERVICES (Cont'd)

D. MISCELLANEOUS EXPERIMENTAL SERVICES (Cont'd)

3. Rates and Charges (Cont'd)

fn. SSE #92S-08-04

Provides four strands of 62.5 micron multi-mode dim fiber between customer locations at 2101 E. 38th St. and 2121 E. 37th St., Vernon.

	<u>INSTALLATION</u> <u>CHARGE</u>	<u>MONTHLY</u> <u>RATE</u>	<u>USOC</u>
- Per system	\$18125.00	NO	WZZVA

fo. Reserved

(T)

(D)

fp. SSE #93N-04-08

Provides 72 strands of multi-mode fiber between customer locations at 20605 Lazaneo Dr. and 20740 Valley Green Dr., Cupertino.

	<u>INSTALLATION</u> <u>CHARGE</u>	<u>MONTHLY</u> <u>RATE</u>	<u>USOC</u>
- Per system	\$45770.00	NO	WZZYD

(D)

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.12 OTHER ANALOG SERVICES (Cont'd)

D. MISCELLANEOUS EXPERIMENTAL SERVICES (Cont'd)

3. Rates and Charges (Cont'd)

go. SSE #87-09-04

A rectifier without batteries to convert customer-provided 120 VAC uninterrupted power to -48 VDC at 20000 Prairie Avenue, Chatsworth, associated with fiber optic equipment established under SSE #87-03-24. See fw. preceding.

	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
- Per system	\$5625.00	NO	WZZWG

gp. Reserved

(T)

(D)

(D)

gq. SSE #87-10-092

Two strands of dark multi-mode fibers from 121 Stockton Street to 50 O'Farrell and two strands of dark multi-mode fiber from 121 Stockton Street to 71 O'Farrell to be utilized to interconnect three data switching devices. These devices, equipped with fiber link cards, employ a proprietary baseband transmission format requiring a bandwidth of 28 Mbps.

	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
- Per system	\$3600.00	\$175.00	WZZWL

NOTE 1: Reserved

(T)

NOTE 2: The offering for SSE #87-10-09 will expire March 31, 1993 and will be replaced by SSE #89N-12-03 per Advice Letter No. 15793 dated August 20, 1990.

Continued

PRIVATE LINE SERVICES

B3. CHANNELS

3.2 CLASSIFICATION AND RATES (Cont'd)

3.2.12 OTHER CHANNELS (Cont'd)

D. MISCELLANEOUS EXPERIMENTAL CHANNELS (Cont'd)

3. Rates and Charges (Cont'd)

it. SSE #93N-07-02 (T)

Provide four strands of 62.5 micron multi-mode fiber for a 10 Mbps Ethernet LAN connection, between customer locations, at 45 Fremont and 425 Market, San Francisco. (N)

	<u>Basic Termination Charge</u>	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Per system <sup>1</sup>	\$14500.00	NO	\$625.00	WZZYQ (N)

iu. SSE #90N-03-08

Provide 8 strands of 62.5 micron, multimode dim fiber not to exceed 135 Mbps between 433 California Street, 11th floor and 400 California Street, basement, San Francisco.

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Per system	\$25000.00	NO	WZZLX

iv. SSE #90N-03-02

Provide eight strands of 62.5 micron multi-mode dim fiber, not to exceed a bandwidth of 155.5 Mbps, connecting 225 Bush Street, 6th Floor, 235 Montgomery Street, 11th Floor and 114 Sansome Street, Basement in San Francisco.

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Per system	\$34600.00	NO	WZZLY

NOTE 1: Basic termination charge reduces 1/60th for each month in service. (T)  
 (D)

Continued

PRIVATE LINE SERVICES

B3. ANALOG SERVICES

(T)

3.3 OTHER FEATURES AND ARRANGEMENTS

3.3.1 CLASSIFICATION AND RATES - CHANNEL CONDITIONING

A. TYPES AND DESCRIPTION

The following specific conditions are applicable to general purpose channel conditioning arrangements for private line services.

(T)

1. Type C1

- a. Envelope delay between 1000 and 2400 Hertz shall not exceed a maximum difference of 1000 microseconds.
- b. The loss deviation with frequency (from a 1000 Hertz reference) shall not exceed -1 to +3 db from 1000 to 2400 Hertz and -2 to +6 db from 300 to 2700 Hertz<sup>1</sup>.

2. Type C2

- a. Envelope delay shall not exceed the maximum difference as follows:

Between 1000 and 2600 Hertz a maximum difference of 500 microseconds.  
Between 600 and 2600 Hertz a maximum difference of 1500 microseconds.  
Between 500 and 2800 Hertz a maximum difference of 3000 microseconds.

- b. The loss deviation with frequency (from a 1000 Hertz reference) shall not exceed -1 to +3 db from 500 to 2800 Hertz and -2 to +6 db from 300 to 3000 Hertz<sup>1</sup>.

3. Type C4

- a. Envelope delay shall not exceed the maximum difference as follows:

Between 1000 and 2600 Hertz a maximum difference of 300 microseconds.  
Between 800 and 2800 Hertz a maximum difference of 500 microseconds.  
Between 600 and 3000 Hertz a maximum difference of 1500 microseconds.  
Between 500 and 3000 Hertz a maximum difference of 3000 microseconds.

- b. The loss deviation with frequency (from a 1000 Hertz reference) shall not exceed -1 to +3 db from 500 to 3000 Hertz and -2 to +6 db from 300 to 3200 Hertz<sup>1</sup>.

NOTE 1: + means more loss.

Continued