

**1 GENERAL****A. APPLICABILITY**

Applicable to special assemblies of equipment to meet special requirements.

**B. REGULATIONS**

1. When a customer is furnished special equipment for which provision is not otherwise made, an installation charge and monthly rate and where applicable, a basic 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 Company 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 Guidebook sections and tariff schedules 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 Company's applicable tariffs and Guidebooks, the customer will be billed for the basic termination charge as specified under rates and charges, less a credit, as indicated, of said charge for each month between the date on which said equipment was installed and on 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.

**c. Cable Allowance**

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

## 1 GENERAL (CONT'D)

## B. REGULATIONS (CONT'D)

## 1. (Cont'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 this Guidebook. 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 Company.
- (2) The Company will designate the equipment to be used to provide special assemblies of equipment.
- (3) Special assemblies of equipment signified, date frozen, apply only to those special assemblies in service as of the date shown and furnished the same customer on the same premises.

f. Special assemblies of equipment will be furnished with Dial PBX Services at the rates and charges shown herein.

## g. Indemnity Clause

The customer releases, indemnifies and holds harmless the Company from any and all loss, claims, demands, suits or other action or any liability whatsoever, whether suffered, made, instituted or asserted by the customer or by any other party or person, for any personal injury to or death of any person or persons, or for any loss, damage or destruction of any property whether owned by the customer or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of such special assemblies of equipment and equipment and services associated therewith.

2 CENTREX ARRANGEMENTS

A TRAFFIC DATA COLLECTION

1 REGULATIONS

The following rate items are for use with #5X-Bar Centrex-CO only.

2. RATES AND CHARGES

Traffic Data Collection, Recording and Processing Equipment Arrangements for use with #5X-Bar Centrex-CO only

(3004A)

Basic

SAE Code	TERMINATION CHARGE	INSTALLATION CHARGE	MONTHLY RATE	USOC
- P 76-42 Common equipment 1CDR - Model 6001 in Company Central Office with a capacity of 1000 inputs and a maximum of 3 outputs <sup>2</sup>	\$21100.00	\$21100.00	\$1280.00	ZZBG5
- P 76-43 Input card housing and memory module to increase capacity of inputs in common equipment shown above, from over 1000 and not to exceed 8000 inputs; each additional 1000 inputs or less <sup>2</sup>	2400.00	2400.00	110.00	ZZBG6
- P 76-44 First input circuit board and connectors to accommodate 40 or less input circuits when installed subsequent to codes P 76-42 and/or P 76-43	NO	1500.00	6.75	ZZBG7

/1/ A product of Alston Division of Conrac Corporation.

/2/ Basic termination charge reduces 1/96 for each full month of service. See Guidebook, Part 2, Section 7

2 CENTREX ARRANGEMENTS (CONT'D)

A. TRAFFIC DATA COLLECTION (CONT'D)

2. RATES AND CHARGES (CONT'D)

Traffic Data Collection, Recording and Processing Equipment Arrangements for use with #5X-Bar Centrex-CO only (Cont'd)

(3004A)

SAE Code	TERMINATION CHARGE	BASIC INSTALLATION CHARGE	MONTHLY RATE	USOC
- P 76-45 Input circuit board and connectors to accommodate 40 or less input circuits, each when installed at the same time as codes P 76-42, 43 and/or 44	\$NO	\$140.00	\$6.75	ZZBG8
Data set boards for use with output ports furnished with code P 76-42				
- P 76-46 110/300 baud data set board, each	NO	150.00	8.75	ZZBG9
- P 76-47 1200 baud data set board, each	NO	210.00	12.00	ZZBH1

2. CENTREX ARRANGEMENTS (CONT'D)

B. DIVERTING ARRANGEMENTS

1. NO. 1 ESS CO

a. Regulations

1. Each diverting arrangement will divert or not divert all Exchange prefixes in one selected NPA code.
2. Diverted calls may be routed to the attendant, machine intercept, or tone. Attendant or machine intercept will be provided at additional rates and charges as set forth in the Guidebook, Part 5, Section 1.

b. Rates and Charges

NPA code and Exchange prefix diverting arrangement furnished with #1ESS CO Centrex Service only

	TERMINATION CHARGE	BASIC INSTALLATION CHARGE	MONTHLY RATE	USOC
SAE Code				
- P 75-70	\$400.00	\$400.00	\$460.00	ZZAVK
Each diverting arrangement furnished with a local exchange service group or Common Control Switching Arrangement access line group				
			<u>NONRECURRING CHARGE</u>	
NPA codes and/or Exchange prefixes on a diverting arrangement may be changed at the customer's request				
- Each diverting arrangement changed			\$29.00	

/1/ Basic Termination charge reduces 1/60 for each full month of service. See Guidebook, Part 2, Section 7.

2. CENTREX ARRANGEMENTS (CONT'D)

B. DIVERTING ARRANGEMENTS (CONT'D)

2. NO. 5 X-BAR

a. Regulations

1. Each diverting arrangement will divert or not divert all Exchange prefixes in each of, up to and including three selected NPA codes.
2. Diverted calls may be routed to the attendant, machine intercept or tone. Attendant or machine intercept will be provided at additional rates and charges as set forth in the Guidebook, Part 5, Section 1.

b. Rates and Charges

NPA code and Exchange prefix diverting arrangement furnished with #5X-Bar Centrex Service only

	<u>TERMINATION CHARGE</u>	<u>BASIC INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
SAE Code - P 72-7 Each diverting arrangement furnished with a local ex- change service group of Common Control Switching Arrangement access line group	\$ 13800.00	\$ 13800.00	\$ 712.50	ZZAJU

NPA codes and/or Exchange prefixes on a diverting arrangement may be changed at the customer's request

	<u>NONRECURRING CHARGE</u>
- Each diverting arrangement changed.	\$ 29.00

/1/ Basic Termination charge reduces 1/60 for each full month of service. See Guidebook, Part 2, Section 7

2 CENTREX ARRANGEMENTS (CONT'D)

C. CALL COMPLETING ARRANGEMENT

1. REGULATIONS

The special call completing arrangement shall be furnished where facilities and operating conditions permit. The rates and charges below apply to all stations rated as Centrex II primary stations in Guidebook, Part 5, Section 1. Each transferring primary station equipped must be provided with key telephone service consisting of pickup, holding and combined line and busy operation in order to complete the dial transfer of incoming calls without waiting for the transferred-to station to answer.

2. RATES AND CHARGES

Special call completing arrangement furnished with Centrex II service only

a. Centrex CO

(3003A)

SAE Code	INSTALLATION CHARGE	MONTHLY RATE	USOC
- P 67-94 Common equipment for first 100 primary stations	\$258.75	\$13.80	WZZSB
- P 67-95 Equipment for each additional primary station of the Centrex II service	NO	.20	WZZSC

**3 EMERGENCY REPORTING TELEPHONE ARRANGEMENTS****A. POWER DISTRIBUTION ALARM AND CONTROL SYSTEM****1. REGULATIONS**

- a. The following rate items are designed to work with an Operator Unit (P75-1) and Line Equipment Circuits (P75-2) which must be provided by the customer.
- b. The wire center unit, located in a Company Central Office, terminates a maximum of 100 Metallic (MT-1) 0-30 Baud channels.
- c. A substation unit (provided by the customer) has a capacity of 100 command terminals and 100 status alarm terminals.
- d. Voice Grade 36 two wire channels connect the operator unit with the substation unit and with the wire center unit. One line equipment (ZZAUX) is required for each two channels terminated at the operator unit.
- e. Where one end of the Metallic (MT-1) or VG36 channels terminates in the wire center unit, only one channel termination charge applies. The termination charge is applicable for each termination.
- f. Offering of this service is subject to the following consideration:
  1. Circuit performance checks are not provided by this system.
  2. Transmission disturbances may cause receipt and acceptance of erroneous signals by this system.
  3. Metallic cable pair leakage resistance is normally sufficiently high to permit proper interrogation and operation of customer-provided switch modules. If plant conditions cause lower values, inaccurate status reporting of sectionalizing switches may result.
  4. Air temperatures in excess of 120°F within apparatus cabinets may degrade system performance.
  5. Longitudinally induced voltages in excess of 15 volts rms, as measured at the wire center unit, may cause improper status reporting by this system.



3. EMERGENCY REPORTING TELEPHONE ARRANGEMENTS (CONT'D)

A. POWER DISTRIBUTION ALARM AND CONTROL SYSTEM (CONT'D)

1. REGULATIONS (CONT'D)

g. Indemnity Clause

The customer releases, indemnifies and holds harmless the Utility from any and all loss, claims, demands, suits or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by the customer or by any other party or person, for any personal injury to or death of any person or persons or for any loss, damage or destruction of any property whether owned by the customer or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of such special assemblies of equipment and equipment and services associated herewith.

2. RATES AND CHARGES

(3004A)

SAE Code	TERMINATION CHARGE	BASIC INSTALLATION CHARGE	MONTHLY RATE	USOC
- P 75-3	\$ 1275.00	\$ 2900.00	\$ 89.00	ZZAU
Wire Center <sup>1</sup>				

/1/

- a. Basic termination charge reduces 1/180 for each full month of service. See Guidebook, Part 2, Section 1.
- b. An Operator Unit (P 75-1), Line Circuit Equipment (P 75-2) and Substation Unit (P75-4) are required to complete this assembly. They must be provided by the customer.

**4 TELEPHONE ANSWERING SERVICE – CONCENTRATOR SERVICE****A. REGULATIONS**

1. Use of the concentrator with customer-provided terminal equipment is limited only to the extent and ability of that equipment to perform within the framework of the concentrator design for the type of line terminations and programming of functional system operation through a digital data control system employing data channels that permit transmission at 300 bits per second with Company data modems.
2. The system will consist of a minimum of one unit each of codes ZZBK6, ZZBM2 and ZZBM4.  
A reduction of \$3.00 will be allowed each month for each secretarial or business answering line, not to exceed a combined total of 640, which is terminated on the concentrator for the billing month involved.
3. The system may be equipped with the maximum number of modules as shown in rates and charges following. Actual numbers of secretarial line termination modules, concentrator-identifier lines and data channels provided are based on customer order. Call carrying capacities of systems furnished will be on equipment quantities installed and customer usage.
4. Rates, charges and regulations for the secretarial lines and business answering lines shown herein are the same as that shown for Secretarial Lines and Business Answering Lines in Guidebook, Part 6, Section 9. USOC: ZZBM7 and ZZBM8, if compatible, will be allowed to terminate on the concentrator subject to the following rates, charges and regulations and to General Regulations of this schedule when additional equipment is required for these line extension terminations.
5. Concentrator-identifier lines and data channels may be connected to customer-provided equipment in accordance with the rates, charges and regulations shown in Guidebook, Part 8, Section 8.
6. Each concentrator will be restricted for use of one telephone answering service customer only.
7. The concentrator was designed to work in conjunction with computerized customer owned answering bureau systems, which operate on the principle that all telephone answering service subscriber lines will terminate on the concentrator, subject to 4. above.

**4 TELEPHONE ANSWERING SERVICE - CONCENTRATOR SERVICE (CONT'D)****A. REGULATIONS (CONT'D)**

8. Concentrators may be located in the same serving central office as the telephone answering bureau, within a district area of the same exchange and in contiguous and noncontiguous exchanges.
9. Concentrator-identifier line rates, charges and regulations apply as set forth in Guidebook, Part 6, Section 9, except when the concentrator is located within the base rate area or special rate area of the same exchange or district area as the customer-provided equipment, only one charge applies to the concentrator-identifier line; (USOC: 1LJJY) without additional mileage charges.
10. Only a Company concentrator can be installed in a Company central office.
11. Subsequent Equipment Additions

The following rates and charges apply in connection with an initial installation of a concentrator service. Additions to or rearrangements of service and equipment that are ordered subsequent to the initial installation to meet customer service requirements, involve job opening and other related costs. These costs are in addition to the nonrecurring charges associated with the service and equipment items preceding.

The customer will be billed a charge as follows:

- (1) Job opening charge for a subsequent addition of modules and/or control equipments per concentrator. However, only one job opening charge will apply when more than one concentrator is worked on at the same time, for the same customer, in the same central office and,
- (2) Where such customer orders result in additions or rearrangements of wiring of recabling to accommodate the concentrator, a labor charge as set forth in Guidebook, Part 3, Section 1 applies.

4 TELEPHONE ANSWERING SERVICE - CONCENTRATOR SERVICE (CONT'D)

B. RATES AND CHARGES

Utility-provided concentrator<sup>1</sup> with a capacity to terminate 640 secretarial and/or answering lines, 40 concentrator-identifier lines and 8 Special Access Voice Grade 36 channels<sup>2</sup> for connection to a customer-provided terminal equipment

(3004A)

	TERMINATION CHARGE	BASIC INSTALLATION CHARGE	MONTHLY RATE	USOC
SAE Code P 77-4 Central office basic equip- ment unit - Each <sup>3</sup>	\$37200.00	\$7400.00	\$1345.00	ZZBK6
P 77-6 Module to terminate up to 64 secretarial and/or answering lines, maximum of 10 modules per system - Each module <sup>3</sup>	3225.00	825.00	150.00	ZZBM2
P 77-8 Control equipment to ter- minate up to 10 concentrator- identifier lines and 2 data channels, maximum of four control equipments per system - Each control equipment <sup>3</sup>	2550.00	480.00	94.00	ZZBM4
P 77-5 - Job opening charge <sup>4</sup>	NO	825.00	NO	NA

/1/ A product of the Delphi Corporation.

/2/ Refer to Schedule Cal.P.U.C. No. 175-T, Section 7.5.3 for Special Access Voice Grade channels.

/3/ Basic termination charge reduces 1/84 for each full month of service. See Guidebook, Part 2, Section 7.

/4/ See Guidebook, Part 2, Section 6 preceding.

4 TELEPHONE ANSWERING SERVICE - CONCENTRATOR SERVICE (CONT'D)

B. RATES AND CHARGES (CONT'D)

Company-provided concentrator<sup>1</sup> with a capacity to terminate 640 secretarial and/or answering lines, 40 concentrator-identifier lines and 8 Special Access Voice Grade 36 channels<sup>2</sup> for connection to a customer-provided terminal equipment (Cont'd)  
(3003A)

SAE Code	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
Each secretarial line extension of an P 77-9			
- Individual or two-party Line <sup>3</sup>	\$ RR	\$ RR	ZZBK2
P 77-10			
- PBX trunk line <sup>3</sup>	RR	RR	ZZBK3
P 77-11			
- Centrex-CO3 primary station	RR	RR	ZZBK4
P 77-12			
- Listed directory <sup>3</sup> number of a Centrex-CO	RR	RR	ZZBM5
P 77-13			
- Business answering line <sup>3</sup>	RR	RR	ZZBK1
Each secretarial line extension, where transmission and operating conditions permit, of a <sup>4</sup>			
P 77-15			
- Centrex primary station other than those shown above <sup>3</sup>	RR	RR	ZZBM7
P 77-16			
- Night service equipment line <sup>3</sup>	RR	RR	ZZBM8

/1/ A product of the Delphi Corporation.

/2/ Refer to Schedule Cal.P.U.C. No. 175-T, Section 7.5.3 for Special Access Voice Grade channels.

/3/ Refer to Guidebook, Part 15, Section 2. for data channels and data sets.

/4/ See A.4. preceding.

/5/ Refer to General Regulations, Guidebook, Part 2, Section 7., when additional equipment is required for these line extension terminations.

5 MISCELLANEOUS ARRANGEMENTS

A. LINE OVERFLOW EQUIPMENT

1. REGULATIONS

- a. Customer line overflow equipment will be furnished in connection with local exchange trunk and individual line services where facilities and operating conditions permit and will be provided in part, in the central office from which such trunk and individual line services are furnished.
- b. The rates and charges below are in addition to those for the trunk and individual line services, a channel provided at the monthly rates for channel terminations and channel mileage for Metallic Service which are the same as shown in Schedule Cal.P.U.C. No. 175-T, Section 7.5.1 used with these special assemblies of equipment.
- c. Customer line overflow equipment is furnished to indicate the number of times a trunk line or individual line or group of trunk lines or individual lines, is busy and another call has been denied access to such line or group of lines. Where lines are part of a multi-line group in an ESS central office unit, simultaneous attempts to connect to busy lines in that group could result in the register being incremented once.
- d. This arrangement requires customer-provided Register Equipment (P63-2) (USOC: ZZZDM).

2. RATES AND CHARGES

(3003A)

	INSTALLATION <u>CHARGE</u>	MONTHLY <u>RATE</u>	<u>USOC</u>
Customer line overflow equipment			
SAE Code			
- P63-1	\$276.00	\$8.20	ZZZDL
Central office control equipment			

5 MISCELLANEOUS ARRANGEMENTS (CONT'D)

B. AUTOMATIC ANSWERING ARRANGEMENT

1. REGULATIONS

This arrangement is provided in connection with customer-provided automatic answering equipment furnished at a customer premise location.

2. RATES AND CHARGES

(3004A)

SAE Code	TERMINATION CHARGE	BASIC INSTALLATION CHARGE	MONTHLY RATE	USOC
- P 77-73 Equipment arrangement located in Company's Central Office to permit the distribution of a customer prepared message over one private line to a maximum of 20 exchange lines <sup>1</sup>	\$950.00	\$950.00	\$69.00	ZZBL6

/1/ Basic termination charge reduces 1/60 for each full month of service. See Guidebook, Part 2, Section 6.

5 MISCELLANEOUS ARRANGEMENTS (CONT'D)

C. MULTI-FREQUENCY TONE TO DIAL PULSE CONVERTER

1. REGULATIONS

- a. The multifrequency tone signaling to dial pulse converter may be used where operating conditions permit in connection with lines or channels where non precise dial tone is employed.
- b. A batteryless power supply is furnished for use with the converter units.
- c. Where a customer-provided communications system is arranged for multifrequency tone signaling and is provided with a voice connecting arrangement USOC CDQ, in connection with a Company provided private line channel, it may be arranged to permit the use of a multifrequency to dial pulse converter where required. Each channel equipped requires the use of rates and charges equivalent to that of USOC TCZ as shown in Guidebook, Part 7, Section 2 and the supplemental equipment shown here to permit the use of converters with the connecting arrangements.

2. RATES AND CHARGES

Multifrequency tone signaling to dial pulse converter in connection with a voice connecting arrangement

(3003A)

SAE Code	INSTALLATION CHARGE	MONTHLY RATE	USOC
- P 75-83 Equipment to permit use of two multifrequency tone signaling to dial pulse converters	\$45.00	\$9.50	ZZAVS



5 MISCELLANEOUS ARRANGEMENTS (CONT'D)

D. RECORDED ANNOUNCEMENT INTERCEPT SERVICE

1. RATES AND CHARGES

Equipment for recorded announcement intercept devices and overflow call traffic information for emergency customer services.

Digital recorded announcement intercept device, remotely accessible by customer

(3003A)	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
- Equipment for termination of 50 - central office lines	\$550.00	\$900.00	WZZAM
- Equipment for termination of 40 - central office lines	550.00	775.00	WZZAN
- Equipment for termination of 30 - central offices lines	550.00	700.00	WZZAP
- Equipment for termination of 20 - central office lines	550.00	575.00	WZZAQ
- Scanner, capable of providing peg count usage and all trunks busy information on overflow traffic from customer's customer service office to digital recorder	550.00	490.00	WZZAR
- Scanner capable of providing peg count usage and all trunks bus information on overflow traffic from customer's customer service office to digital recorder	550.00	390.00	WZZAS

5 MISCELLANEOUS ARRANGEMENTS (CONT'D)

E. POWER FAILURE PROTECTION FOR 911 SERVICE - VENTURA POLICE DEPARTMENT

1. RATES AND CHARGES

This arrangement provides a visual lamp indicator to be attached and work with three line rotary groups to provide protection against power failure for 911 Service at 1425 Dowell Drive, Ventura (SSE #86-04-30).

This offering will terminate September 8, 1996.  
3004A

	<u>TERMINATION CHARGE</u>	<u>BASIC INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
-Per arrangement <sup>1</sup>	\$300.00	\$300.00	\$50.00	WZZDV

/1/ Basic Termination Charge reduces 1/120th for each full month of service. See Guidebook, Part 2, Section 7 preceding.

5 MISCELLANEOUS ARRANGEMENTS (CONT'D)

F. DISCRETE DEDICATED PREFIX

1. REGULATIONS

This arrangement provides for a discrete prefix dedicated for use solely by the Security Pacific National Bank for two building locations in District Area 1 of the Los Angeles exchange (SSE #91S-10-01).

2. RATES AND CHARGES  
(3003A)

	<u>INSTALLATION</u> <u>CHARGE</u>	<u>MONTHLY</u> <u>RATE</u>	<u>USOC</u>	
- Per arrangement	\$54565.00 (R)		NO	WZZUR

G. METRO POSITRON SYSTEM

1. REGULATIONS

This arrangement provides one Metro Positron System (control equipment) for processing E-9-1-1 calls to the San Diego Police Department (SSE #90N-07-08).

2. RATES AND CHARGES

	<u>INSTALLATION</u> <u>CHARGE</u>	<u>MONTHLY</u> <u>RATE</u>	<u>USOC</u>	
- Per System	\$326775.00		NO	WZZTB

6 DATA - EXCHANGE AND PRIVATE LINE

A. RATES AND CHARGES

Key Controlled Switching Arrangement  
(3003A)

SAE Code	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
- P 75-69	\$22.40	\$4.32	WZZSA

Transfer relay in Central Office  
for key controlled switching  
arrangement to transfer private  
line telephone service between  
first terminations in different  
premises in the same exchange

**7 HIGH VOLTAGE PROTECTION DEVICES****A. REGULATIONS**

1. Company exchange and private line services extending to electric power generating and distributing locations may require special equipment to isolate or neutralize the environmental hazards experienced when ground potentials rise due to faults in the electric power system. The customer is responsible for conditioning the environment to eliminate hazardous voltages due to ground potential rises.

On or after October 27, 1989, the special assembly arrangement for High Voltage Protection Devices as described in this Schedule will no longer be offered. The Company will continue to have maintenance responsibility up to and including the local loop demarcation point if equipment is available for in-service HVPD arrangements until customers make a change in their service. Requests for changes will be provided as set forth in Guidebook, Part 8, Section 8.

2. The Company shall determine the proper levels of protection to isolate or neutralize the electrical hazard and will provide, if necessary, the equipment to perform this function.
3. The customer may elect to furnish the equipment required to neutralize electrical hazards subject to the approval by the Company of the proper levels of protection and the equipment provided by the customer.

The charges shown in Rates and Charges following are applicable for high voltage protection devices furnished by the Company and do not include equipment cabinets or mounting arrangements which may be provided by either the customer or the Company. When provided by the Company, additional rates and charges would be applicable based on the costs of such arrangements to be determined at the time the requirement develops.

7 HIGH VOLTAGE PROTECTION DEVICES (CONT'D)

A. REGULATIONS (CONT'D)

4. All of the regular rates and charges apply for exchange and private line services furnished in addition to those set forth in Rates and Charges following.
5. The rates and charges shown for Neutralizing Transformers in (1) preceding, do not include rates and charges for channels required to provide remote ground. Each Neutralizing Transformers furnished under this Schedule requires a minimum of one metallic channel, additional channel requirements will be determined by engineering specifications on a case basis. Rates and charges for metallic channels are as set forth in Schedule Cal.P.U.C. No. 175-T, Section 7.5.1.
6. Technical data for the power station will include, but not be limited to the following:
  - a. Ground grid area in square feet.
  - b. Ground grid impedance in ohms.
  - c. X/R ratio at worst case fault in location.
  - d. Ground Potential Rise (GPR) in volts Rms.
  - e. Ground return current in amperes.

7 HIGH VOLTAGE PROTECTION DEVICES (CONT'D)

B. RATES AND CHARGES

Neutralizing Transformers - suitable for exchange and/or private line services requiring direct current transmission:  
(3004A)

SAE Code	<u>BASIC TERMINATION CHARGE</u>	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
Up to 2000 volt, steady state voltage Single units, for indoor installation, maximum of five units per premises				
- P 75-88 First unit, (also applicable for additional units installed subsequent to the first unit), each <sup>1</sup>	\$420.00	\$420.00	\$14.75	ZZAQ1
- P 75-89 Second through fifth unit installed at the same time as the first unit, each <sup>1</sup>	210.00	210.00	7.25	ZZAQ2
Up to 4000 volt, steady state voltage Single units, maximum of five units per premises				
- P 75-89 First unit, (also applicable for additional units installed subsequent to the first unit) for outdoor installation, each <sup>1</sup>	550.00	550.00	19.25	ZZAQ3

/1/ Basic termination charge reduces 1/240 for each full month of service. See Guidebook, Part 2, Section 7.

7. HIGH VOLTAGE PROTECTION DEVICES (CONT'D)

B. RATES AND CHARGES (CONT'D)

Neutralizing Transformers - suitable for exchange and/or private line services requiring direct current transmission: (Cont'd)  
(3004A)

SAE Code	BASIC TERMINATION <u>CHARGE</u>	INSTALLATION <u>CHARGE</u>	MONTHLY <u>RATE</u>	<u>USOC</u>
Up to 4000 Volt, steady State voltage (Cont'd)				
- P 75-91 For indoor installation, each <sup>1</sup>	\$500.00	\$500.00	\$17.50	ZZAQ4
Second through fifth unit installed at the same time as the first unit.				
- P 75-92 For outdoor installation, each <sup>1</sup>	340.00	340.00	11.75	ZZAQ5
- P 75-93 For indoor installation, each <sup>1</sup>	290.00	290.00	10.00	ZZAQ6

/1/ Basic termination charge reduces 1/240 for each full month of service. See Guidebook, Part 2, Section 7.



7 HIGH VOLTAGE PROTECTION DEVICES (CONT'D)

B. RATES AND CHARGES (CONT'D)

Neutralizing Transformers - suitable for exchange and/or private line services requiring direct current transmission: (Cont'd)  
(3004A)

SAE Code	<u>BASIC TERMINATION CHARGE</u>	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
Up to 4500 volt, steady state voltage				
- P 75-94 Multiple units, with a maximum capacity of two channels per unit and two units per premises, for indoor installation, each <sup>1</sup>	\$1100.00	\$1100.00	\$38.00	ZZAQ7
Up to 7500 volt, steady state voltage				
- P 75-95 Multiple units, with a maximum capacity of 25 channels per unit and one unit per premises, for outdoor installation, each <sup>1</sup>	5400.00	5400.00	195.00	ZZAQ8
Up to 9000 volt, steady state voltage				
- Multiple units, with a maximum capacity of two channels per unit and two units per premises, for indoor installation, each <sup>1</sup>	1300.00	1300.00	46.50	ZZAQ9

/1/ Basic termination charge reduces 1/240 for each full month of service. See Guidebook, Part 2, Section 7.

7 HIGH VOLTAGE PROTECTION DEVICES (CONT'D)

B. RATES AND CHARGES (CONT'D)

Neutralizing Transformers - suitable for exchange and/or private line services requiring direct current transmission: (Cont'd)  
(3004A)

SAE Code	<u>BASIC TERMINATION CHARGE</u>	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
Isolating transformers suitable for exchange and/or private line services requiring alternate current transmission:				
- P 75-97 For providing up to 15,000 volts insulation for one <sup>1</sup> private line service, each <sup>2</sup>	\$150.00	\$150.00	\$6.25	ZZAR1
- P 75-98 For providing up to 15,000 volts insulation for one <sup>1</sup> private line service at carrier frequency only, each <sup>2</sup>	150.00	150.00	6.75	ZZAR2
- P 75-99 Arrangement for protection of one voice frequency exchange line at power stations where expected rise in ground potential during fault conditions will not exceed 15,000 volts, includes an isolating transformer, special high voltage relay and local power supply, (no special treatment of line or Company central office is required), each <sup>1,2</sup>	320.00	320.00	11.75	ZZAR3

/1/ Four-wire service require two transformers per termination.

/2/ Basic termination charge reduces 1/240 for each full month of service. See Guidebook, Part 2, Section 7.

7 HIGH VOLTAGE PROTECTION DEVICES (CONT'D)

B. RATES AND CHARGES (CONT'D)

Arrangement for exchange telephone service using single channel station carrier with an isolation transformer to provide protection against rise in ground potential, (requires that the Company serving central office be equipped with a carrier shelf for the system: also non-loaded non-repeater line facilities are required. Customer must provide local 120 volt power at his premises)

(3004A)				
	<u>BASIC TERMINATION CHARGE</u>	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
SAE Code				
- P 75-100 For U-1 station carrier system, each <sup>1</sup>	\$1000.00	\$1000.00	\$38.00	ZZAR4
- P 75-101 For AML station carrier system, each <sup>1</sup>	900.00	900.00	32.00	ZZAR5

Mutual drainage reactors suitable for use with exchange and/or private line services

(3004A)				
	<u>BASIC TERMINATION CHARGE</u>	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
SAE Code				
- P 75-102	\$70.00	\$70.00	\$3.30	ZZAR6

Where required at either  
the customer location,  
Company central office,  
or Company intermediate  
location, each<sup>1</sup>

/1/ Basic termination charge reduces 1/240 for each full month of service. See Guidebook, Part 2, Section 7.

8 DIAL BACK-UP UNIT

A. REGULATIONS

This arrangement is provided in connection with a customer-provided Station Message Detail Recording (SMDR) feature.

B. RATES AND CHARGES  
(3003A)

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Dial back-up unit in Central Office associated with a Station Message Detail Recording (SMDR) feature.	\$3775.00	\$50.00	MDU

**9 CALL DETAIL - STATE OF CALIFORNIA****A. REGULATIONS**

Call detail will be provided on magnetic tape only. Call detail will include the originating Centrex station number or primary Centrex service primary telephone number on calls dialed from a Centrex service over access lines to a CCSA switcher or CCSA-type private network. Under this offering, the duration of the call will be shown in minutes and seconds.

The nonrecurring charges include the cost of magnetic tape on a recovery and reuse basis. That is, tape when processed by the State of California for each Centrex service, will be returned monthly to the Company in condition suitable for reuse by the Company in processing subsequent call detail data.

Call detail will be provided on magnetic tape in the code terminology and data processing format used by the Company. The Company reserves the right to make changes in its code terminology and data processing format of the information on the magnetic tape upon one month's advance notice to the customer.

The monthly rates were derived from a study of call volumes of estimated average usage based on data for each of the State of California #1ESS Centrex services with access lines to a CCSA switcher. These monthly rates shall be subject to periodic review and may be adjusted when the average usage arrived at is greater or less than such average by 20%. Such adjusted rates, when mutually agreed upon between the Company and the State of California will become effective as and when authorized by the Public Utilities Commission of the State of California.

The Call Detail - State of California tariff will expire June 23, 1992.

9 CALL DETAIL - STATE OF CALIFORNIA

B. RATES AND CHARGES

Special arrangement of facilities to permit the State of California to obtain call detail in connection with CCSA or CCSA-type private networks from Centrex Central offices adequately equipped.  
(3003B)

	<u>NONRECURRING CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
SAE Code			
- P 76-27			
On- and off-net call detail of calls dialed from a Centrex-CO over access lines that terminate in a Common Control Switching Arrangement (CCSA), or a CCSA-type private network.			
- per Centrex central office primary service furnished to the State of California	\$340.00	\$215.00	ZZAJ4