

ACCESS SERVICE

6. Switched Access Service

6.1 General

Switched Access Service is available to customers for their use in furnishing their services to End Users. Switched Access services may not be used as substitutes for the Utility's local and/or general exchange services. Switched Access Service provides for the ability to originate calls from an End User's premises to a customer's designated premises or to Expanded Interconnection Service, and to terminate calls from a customer's designated premises or to Expanded Interconnection Service, to an End User's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in 6.1.1 and 6.1.3 following.

(T)
|
(T)

Rates and charges for Switched Access Service are set forth in 6.8 following. The application of rates for Switched Access Service is described in 6.7 following. Rates and charges for services other than Switched Access customer's toll message service may also be applicable when Switched Access Service is used in conjunction with these other services. Descriptions of such applicability are provided in 6.2.

6.1.1 Switched Access Service Arrangements and Manner of Provision

(A) Switched Access Service Arrangements

(D)
|
(D)

Switched Access Service is provided in the form of access arrangements and optional features called, (1) Feature Group A (FGA), (2) Feature Group B (FGB), (3) Feature Group C (FGC), and (4) Feature Group D (FGD). In addition 500, 800 and 900 Access Services are available through the use of Feature Group D.

(N)
|
(N)

Material omitted now on Sheet 135.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)

(A) Switched Access Service Arrangements (Cont'd)

(N)

The arrangements are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company entry switch, and the manner in which an end user accesses them in originating calling, e.g., with or without an access code. A description of each Feature Group is in 6.2 following. Descriptions of the 500, 800 and 900 Access Services are in 6.2. following.

(N)

Common Channel Signaling Access Capability (CCSAC) for Interexchange Carriers, and other providers is available as an option of Switched Transport.

1(T)(L)
| | |
1(T)(L)

NOTE 1: Pending CPUC Approval of Advice Letter No. 17883.
(L) Formerly on Sheet 134.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)

(B) Switched Transport Service Arrangements

(N)

Switched Transport permits a one-way or two-way voice frequency transmission path to transport calls in the originating direction and in the terminating direction -- though not simultaneously.

Switched Transport is comprised of various facilities, interfaces and features. The Switched Transport rate category is composed of three rate elements; Entrance Facilities, Direct Trunked Transport or Tandem Switched Transport. In addition, a Network Interconnection Charge applies. The Tandem Switching element applies in addition when Tandem Switched transport is provided. Dedicated Signalling Transport (CCSAC) is available as an option of both Direct Trunked Transport and Tandem Switched Transport. A Multiplexing charge may also apply when facilities of one capacity are connected to facilities of another capacity.

Switched Transport elements can be ordered in combinations of:

- (a) Entrance Facilities only.
- (b) Entrance Facilities and Direct Trunked Transport.
- (c) Entrance Facilities and Tandem Switched Transport.
- (d) Direct Trunked Transport only.
- (e) Tandem Switched Transport.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)

(B) Switched Transport Service Arrangements (Cont'd)

(N)

Multiplexing charges will apply when a higher capacity Entrance Facility or EISCC is interconnected with a lower capacity Direct Trunked Transport or Tandem Switched Transport.

When the customer orders Direct Trunked Transport and/or Tandem Switched Transport and requests such transport to be interconnected with the facilities of another customer, the interconnection will be provided if the customer requesting the interconnection has authorization for such interconnection and use of the facility from the other customer. For such an arrangement, the charges for the Direct Trunked Transport and/or the Tandem Switched Transport and any associated Tandem Switching and/or additional Multiplexing charges will be billed to the ordering customer. No billing of facility charges will be made to the customer ordering the Direct Trunked Transport or the Tandem Switched Transport. No adjustment of the facility charges will be made to the customer providing the facilities. The customer permitting another customer to use its facilities bears the responsibility to obtain payment for the use of its facilities from another customer.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)

(B) Switched Transport Service Arrangements (Cont'd)

(N)

Rates and charges for these elements and the optional features available are set forth in 6.8 following.

Switched Transport is ordered under the Access Order provisions set forth in Section 5 (Ordering Options for Switched and Special Access Service). Ordering provisions as set forth in 2.4.8 (Billing of Access Service Provided by More Than One Utility) will apply when more than one Exchange Utility is involved in the provision of a Switched Transport facility. Following are descriptions of the available facilities, interfaces and features.

(C) Transport Channels and Multiplexing

Switched Transport is comprised of specific channel types. These connections may be either analog or digital. Analog connections are differentiated by spectrum and bandwidth; digital connections are differentiated by bit rate. Depending upon the spectrum, bandwidth or bit rate selected by the customer, multiplexing, as described following, may also be required to allow interconnection with other transport channels or to a Utility switch.

When lower capacity transport is interconnected to higher capacity transport, the transport channel shall be specified by the customer.

Transport channel types available (VG/DS0, DS1 and DS3) are described in 7.2.3 and 7.2.8(C) following.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)

(C) Transport Channels and Multiplexing (Cont'd)

(N)

Multiplexing is a chargeable optional feature of Switched transport. The customer has the option of ordering digital facilities at a DS3 level (44.736 Mbps) to a Utility Hub for multiplexing to 28 channels at a DS1 level (1.544 Mbps) or at a DS1 level for multiplexing to 24 channels at a DS0/VG level (64 Kbps).

Use of Multiplexing allows customers to interconnect Entrance Facilities or EISCC of one capacity or bandwidth to Direct Trunked Facilities or Tandem Trunked Facilities of a different capacity or bandwidth. Multiplexing also allows for the interconnection of Direct Trunked Facilities or Tandem Trunked Facilities with end offices or access tandems requiring capacity or bandwidth different from that of the interconnecting facility.

Three multiplexing alternatives, DS1 to Voice Grade Multiplexing, and DS3 to DS1 Option 1 Multiplexing will continue to be provided as described in 7.2.8(C)(4)(e) following.

When ordering, the customer will specify the desired multiplexing hub selected from the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4.

Shared Use as set forth in Section 7.4.8 following does not apply to Switched transport.

Multiplexing can be applied to a Switched Access Entrance Facility or Direct Trunked transport.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)

(D)

(D)

(D) Fiber AdvantagesmService

(N)

Fiber Advantagesm DS3 and DS3x3 Month-to-Month and for DS3, DS3x3, an DS3x12 Rate Stability Payment Plans Rates and Charges are set forth in Section 6.8.2 following. Regulation that apply to this Service are set forth in Section 7.4.11 following. Minimum Periods for Fiber Advantagesm DS3, DS3x3and DS 3x12 service apply as set forth in Section 5.2.5 (A) and 7.4.3 following.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)

z
z

(E) Manner of Provision

(T)

Switched Access is furnished in either quantities of lines or trunks. FGA is furnished on a per-line basis. FGB and DID are provided on a per-trunk basis. FGD are furnished on a per-trunk basis. Trunks and lines are differentiated by type and directionality of traffic.

(N)
|
(N)

(1) Traffic Types

(D)
|
(D)

There are six major traffic types. These are: Originating, Terminating, Directory Assistance, Operator Services and Public Switched Digital Service Service (PSDS). Originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the customer. Terminating traffic type represents access capacity within a LATA for carrying traffic from the customer to the end user; Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance Location; and Operator Services traffic type represents access capacity within a LATA for carrying Operator Services traffic to or from the customer, to or from the Operator Services System (OSS) location. Public Switched Digital Service (PSDS) Access traffic type represents access capability within a LATA for carrying digital traffic at speeds up to 56Kbps between the customer and the customer's end users.

(N)
|
(N)

z Correction

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)

(E) Manner of Provision (Cont'd)

z

z

(T)

(1) Traffic Types (Cont'd)

(T)

Because some customers will wish to further segregate their originating FGD, 500 800 or 900 Access Service traffic into separate trunk groups, Originating traffic type is further categorized into Domestic, 500, 800, 900, Operator, IDDD, and Operator Transfer Service. Domestic traffic type represents access capacity for carrying only domestic traffic other than 500, 800, 900, Operator and Operator Transfer Service traffic; IDDD traffic type represents access capacity for carrying only international traffic; and, 500, 800, 900, Operator and Operator Transfer Service traffic type represents access capacity for carrying only 500, 800, 900 Operator or Operator Transfer Service traffic respectively. When ordering such types of access, the customer must specify Domestic, 500, 800, 900, Operator, Operator Transfer Service or IDDD traffic types.

(T)

(T)

For Switched Access Services, the customer at a minimum, shall specify on the customer's order for service, the Switched Transport facilities to be provided (i.e., Entrance Facility, EISCC, Direct Trunked Transport or Tandem Switched Transport). When specifying the Switched transport facilities to be provided, the customer must indicate if the facilities to be provided are existing (i.e. spare transmission paths) or are new.

(N)

(2) Design and Traffic Routing of Switched Access Service

For Switched Access Service, the customer desired line or trunk directionality and/or traffic routing of the Switched Access Service between the customer's premises and the entry switch are specified on the customer's order for service.

(N)

z Correction

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd) (T)
(N)

(E) Manner of Provision (Cont'd) (N)

(2) Design and Traffic Routing of Switched Access Service (Cont'd)

For Feature Group B the customer may order the optional feature Customer Specification of Switched Transport Termination.

(3) Determination of Number of Transmission Paths

For Switched Access Service, which is ordered on a per line or per trunk basis, the customer specifies the number of transmission paths in the order for service. (N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd) (T)
(N)

(E) Manner of Provision (Cont'd) (N)

(4) For Feature Group D Switched Access Service with the CCSAC optional feature, i.e. out of band signaling, as described in 6.1.3 (A),(7),(d), an SS7 Signaling Connection is required between the Utility STP and the customer's SPOI. When ordering the CCSAC optional feature, the customer shall specify that all traffic be equipped with out of band signaling. All rate elements set forth in 6.8.2 following apply to each SS7 Signaling Connection ordered.

(5) Determination of Number of End Office Transport Terminations

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches, an equivalent termination will be provided for each transmission path provided.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2

Material omitted now on Sheet 176-I.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

(D)

6.1.3 Rate Categories

The following rate categories apply to Switched Access Service:

(T)

- Switched Transport (described in 6.1.3 (A)) following
- End Office (i.e., Local Switching, PVN Access and Directory Assistance* - described in 6.1.3.(B) following

(T)

- Network Interconnection Charge (described in 6.1.3 (C) following)

(D)

(N)

(N)

* Directory Assistance is described in Section 9. following.

(D)

Continued

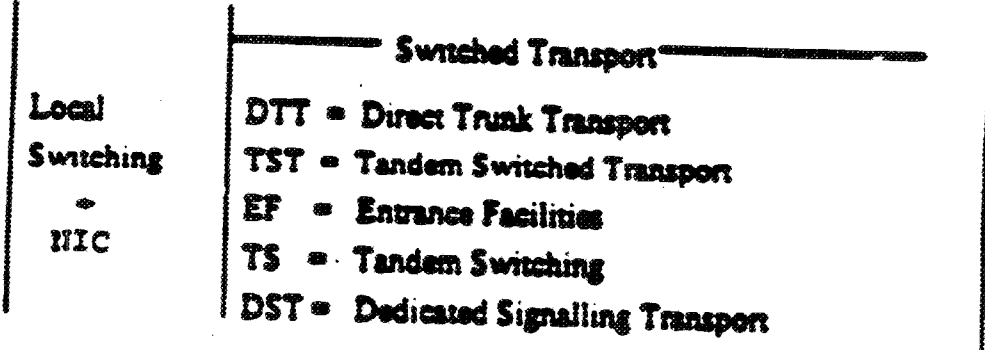
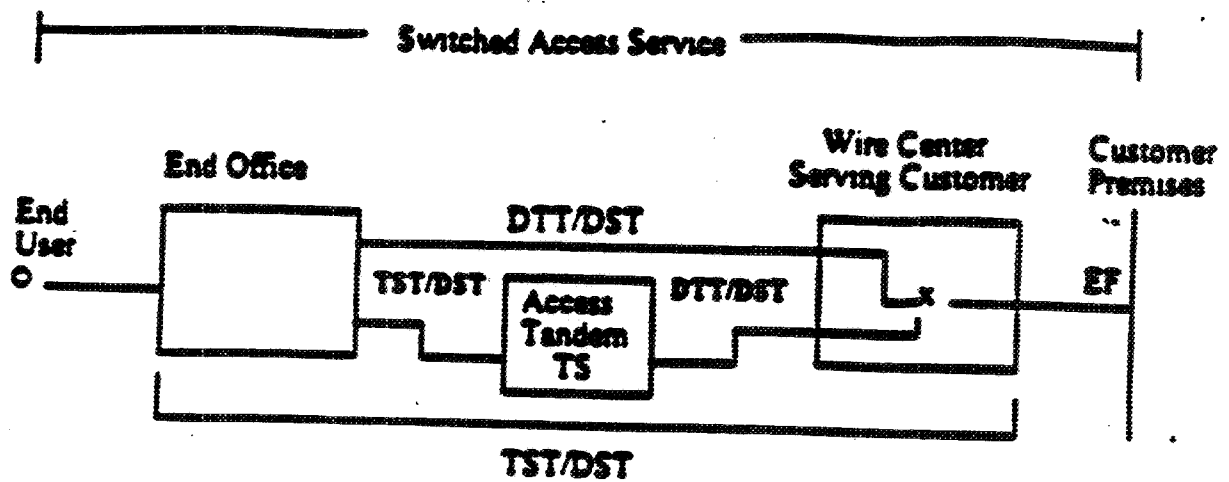
ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete access service.



LS - Local Switching
 NIC - Network Interconnection Charge

(T)

(T)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport

(T)(L)

Switched Transport is a two-way voice-frequency transmission path composed of facilities determined by the Utility. The Switched Transport rate category provides the transmission facilities between the customer premises and the end office switch(es) where the customer's originating or terminating traffic is switched.

(T)

(T)

The two-way voice-frequency path permits the transport of calls in the originating direction (from the end user end office switch to the customer's premises) and in the terminating direction (from the customer's premises to the end office switch), but not simultaneously. The voice-frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

(L)

The Switched Transport rate categories provide the transmission facilities between the customer's premises and the end office switch where the customer's originating and terminating traffic is switched.

(N)

(N)

(L) Formerly on Sheet 149.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(N)

Switched Transport elements are defined as follows:

(1) Entrance Facility

Entrance Facility is defined as the transmission path between the customer's premises and the Serving Wire Center where the customer would normally obtain local dial tone. The Entrance Facility rate is a non distance sensitive flat monthly recurring charge. The Entrance Facility may be ordered with an analog or digital interface. DS0/VG, DS1 and DS3 interface groups are defined in 6.1.3(A)(4) following.

Switched Access Entrance Facility rates and charges are set forth in 6.8.2.

(2) Direct Trunked Transport

Direct Trunked Transport is defined as the dedicated transmission path between the customer's Serving Wire Center and an access tandem, hub or end office where the customer's originating and/or terminating traffic is switched or between a hub and an access tandem or end office. Direct Trunked Transport is a distance sensitive mileage rate element as set forth in 6.8.2 following.

The Direct Trunked Transport mileage rate is calculated on the airline distance between the Serving Wire Center associated with a customer designated premise and the access tandem, hub or end office switch or between a hub and an access tandem or end office. To determine the rate, compute the mileage using the V&H coordinates method, as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4. Exceptions to the mileage measurement rules are set forth in 6.7.13 following.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(3) Tandem Switched Transport

Tandem Switched Transport is defined as a dedicated transmission path between the customer's Serving Wire Center and the access tandem, a common transmission path from end office(s) to the access tandem, and tandem switching. When ordering direct trunked transport to an access tandem, tandem switched transport is defined as a common transmission path from end office(s) to the access tandem, and tandem switching. The charges that apply for tandem switched transport are a usage and mileage sensitive per access minute per mile charge, and a non distance sensitive per minute charge. For purposes of determining tandem switched transport mileage, distance will be measured from the serving wire center that normally serves the customer's premises to the end office switch(es) or from the access tandem to the end office switch(es). Exceptions to the mileage measurement rules are set forth in 6.7.13 following.

(N)

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(N)

(3) Tandem Switched Transport (Cont'd)

Tandem Switched Transport is provided at the rates and charges as set forth in 6.8.2 following. At zero mile the Tandem Switched Transport Charge does not apply. To calculate the Tandem Switched Transport Termination rate (as specified in Section 6.8.2), the customer's total access minutes will be multiplied by the rate per access minute of use to determine the charge. To calculate the Tandem Switched Transport Mileage rate, the customer's total access minutes will be multiplied by total Miles (as determined in 6.7.13 following) and the rate per access minute of use per Mile (as specified in 6.8.2 following) to determine the charge. Both rate elements are applied to the customer's total access minutes to develop this Tandem Switched Transport charge, e.g.:

Tandem Switched Transport Charge per MOU = (A)
+ (B x X)

Where A = Tandem Switched Transport Termination rate
B = Tandem Switched Transport Mileage rate
X = Transport Mileage

The application of these rates with respect to individual Switched Access Services is as set forth in 6.7.1(D) following.

(a) Tandem Switching

Tandem switching provides for the function of switching traffic from the customer's serving wire center through the access tandem to the customer designated end office switch(es).

The tandem switching rate for tandem switched transport is a usage sensitive charge based on the originating and terminating minutes of use via the access tandem switch.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(4) When the customer has ordered Feature Group D with the CCSAC optional feature, as set forth in 6.1.3(A),(5),(d) and SS7 Signaling Connections, as set forth in 6.1.3(A),(4) following, the Telephone Company will provide SS7 out of band signaling in accordance with the technical specifications set forth in Pacific Bell Network Interface Document PUB-L-780023-PB/NB and Bellcore Common Channel Signaling Network Specifications Technical Reference TR-TSV-000905.

SS7 Signaling Connections are provisioned for LIDB Service, and interconnection is supported by interconnecting STPs as described in TR-TSV-000905 and PUB-L-780023-PB/NB.

(N)

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(T)(L)

(5) Interface Groups

(T)(L)

Five Interface Groups are provided for terminating the Switched Transport at the customer's premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, the individual transmission path between the customer's premises and the first point of switching may at the option of the customer be provided with optional features as set forth in (7) and (8) following.

(T)
(T)
(T)
(T)
(T)

As a result of the customer's access order and the type of Utility transport facilities serving the customer's premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Utility equipment be placed at the customer's premises. For example, if a voice frequency interface is ordered by the customer and the Utility facilities serving the customer's premises are digital, then Utility channel bank equipment must be placed at the customer's premises in order to provide the voice frequency interface ordered by the customer.

(T)
(T)
(L)

(L) Formerly on Sheet 152.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(N)

(5) Interface Groups (Cont'd)

(N)

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2, 5, 6 and 9 are provided with Type A or B Transmission Specifications, depending on the type of service and whether the Switched Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters. Descriptions of the various Interface Groups are set forth following; more detailed descriptions are set forth in Technical Reference TR-NPL-000334.

(L)

(L)

(L) Formerly on Sheet 152-A.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(T)(L)

(5) Interface Groups (Cont'd)

(T)

(a) When PSDS Access is ordered in conjunction with FGD, it requires the use of a dedicated trunk group equipped with Interface Group 6.

This service allows a customer to establish a connection between the customer's premises and an end user's premises over facilities capable of transmitting digital data at 56 Kbps. Technical Publication TR-NWT-000334 provides compatibility and interface requirements for using the PSDS Access optional features.

(b) The CCSAC optional feature is available with Feature Group D. The 64 CCC optional feature is available with FGD with CCSAC. Feature Group D trunks are provided using Interface Groups 1, 2, 6 and 9. SS7 signaling connections and 64 CCC are provided using Interface Group 6. Technical Publication TR-TSY-000905 and PUB-L-780023-PB/NB provide the technical requirements for CCSAC and the SS7 signaling connection. Technical Publications TR-NWT-000938 and TR-TSV-000962 provide the additional technical and SS7 protocol requirements for 64 CCC.

1 (T)

1(T)(L)

Each Interface Group has premises interface codes available as a function of the Telephone Company switch supervisory signaling and Feature Group or Access Arrangement. A complete list of these codes can be found in Technical Reference TR-NWT-000334.

(N)

(N)

NOTE 1: Pending CPUC Approval of Advice Letter No. 17883.
(L) Formerly on Sheet 152-A.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(T)(L)

(5) Interface Groups (Cont'd)

(T)

<u>Int. Group</u>	<u>USOC</u>	<u>Transmission</u>	<u>Feature Group Availability</u>	<u>Standard Signaling Arrangements</u>
1	TPP1X	2-wire voice frequency	FGA FGB,FGD only available if directly trunked Not available in association with FGB, or D when 1st point of switching provides only 4-wire termination.	Loop Supervisory FGA - loop start or ground start (T) FGB,D - Reverse Battery Signaling; for 2-way calling, E&M signaling (T)
2	TPP2X	4-wire voice frequency	FGA,FGB, FGD	Loop supervisory signaling FGA - Loop start or ground start (T) FGB,D- Reverse battery; for 2-way calling, E&M signaling (L)

(L) Formerly on Sheet 152-A-1.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(T)(L)

(5) Interface Groups (Cont'd)

(T)

<u>Int. Group</u>	<u>USOC</u>	<u>Transmission</u>	<u>Feature Group Availability</u>	<u>Standard Signaling Arrangements</u>	
5	TPP5X	Master-group level analog transmission (channelizing capability of up to 600 voice frequency transmission paths	Feature Groups only	Individual transmission path SF supervisory signaling	(T) (T)
					(L)

(L) Formerly on Sheet 152-A-2.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(T)(L)

(A) Switched Transport (Cont'd)

(T)

(5) Interface Groups (Cont'd)

<u>Int. Group</u>	<u>USOC</u>	<u>Transmission</u>	<u>Feature Group Availability</u>	<u>Standard Signaling Arrangements</u>	
9	TPP9X	DS-3 level digital transmission (44.736 Mbps, channelizing capability of up to 672 voice frequency transmission paths)	All Feature Groups and Access Arrangements	With digital carrier terminations, the Utility will provide at the 1st point of switching DS1 signal in D3/D4 format; individual-transmission path bit-stream supervisory signaling	(T) (T)

(L)

(L) Formerly on Sheet 152-A-3.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Zone Pricing

Switched Access Direct Trunked Transport DS1 (1.544 Mbps) and DS3 (44.736 Mbps) services are divided into 3 pricing zones. The pricing zone for each serving wire center is identified in the NECA Tariff F.C.C. No. 4. The rate elements included in zone pricing are as follows:

(a) Entrance Facility

The rate for each Entrance Facility is determined by the serving wire center.

(b) Direct Trunked Transport

Direct Trunked Transport mileage calculations will be made in accordance with Section 7.4.6, following. When Direct Trunked Transport is computed between wire centers in different pricing zones, the rates of the higher rate pricing zone shall apply.

(c) Multiplexing

The rates for multiplexing will be determined by the billing location of the multiplexing arrangement.

(N)

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(T)(L)

(7) Nonchargeable Optional Features

(T)

Where transmission facilities permit, the Utility will, at the option of the customer, provide the following optional features in association with Switched Transport. The optional features are provided as set forth in following.

(T)

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission option path provided. The types of supervisory signaling available are described in Technical Reference TR-NPL-000334.

Interface Groups 1 and 2	FID
DX Supervisory Signaling	NCI ++DX+
E&M Type 1	NCI ++EA+
E&M Type II	NCI ++EB+
E&M Type III	NCI ++EC+

Interface Group 2	FID
SF Supervisory Signaling	NCI ++SF+
Tandem Supervisory Signaling	NCI ++EX+

Interface Groups 5, 6 and 9
Individual transmission path SF
Supervisory Signaling in Utility central offices where the entry switch provides an analog, i.e., non-digital interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog. These optional supervisory signaling arrangements are not available in combination with the CCSAC optional feature, as described in 6.1.3 (A),(5),(6) following.

(T)

(T)(L)

(N)

(N)

(L) Formerly on Sheet 152-L.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(7) Nonchargeable Optional Features (Cont'd)

(b) Customer-Specified Entry Switch Receive Level (TLV)

This feature allows the customer to specify the receive transmission level at the first point of switching. The range of transmission levels which may be specified is described in Technical Reference TR-NTW-000334. This feature is available with Interface Groups 2, 5, 6 and 9 for Feature Groups A and B.

(c) Customer Specification of Switched Transport Termination (NL S+T+)

This option allows the customer to specify, for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Switched Transport at the entry switch in lieu of a Utility selected two-wire termination. This option is available only when the Feature Group B arrangement is provided with Type B Transmission Specifications.

(d) Common Channel Signaling Access Capability (CCSAC)

This optional feature allows the customer to exchange signaling for call set-up via SS7 out of band signaling. This option is available only with Feature Group D. This option requires the establishment of a SS7 Signaling Connection between the customer's signaling point of interface (SPOI) and the Utility's Signaling Transfer Point (STP), as set forth in 6.1.3(A),(5) preceding. This option is available with incidental interlata service" as amended by the Telecommunicatins Act of 1996, Section 271(g) and defined in PUBL - 780023 - PB/NB.

(T)
(N)
|
(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(T)(L)

(7) Nonchargeable Optional Features (Cont'd)

(T)

(d) Common Channel Signaling Access Capability
(CCSAC) (Cont'd)

(L)

64 CCC will be provided in connection with FGD with CCSAC where appropriate Utility equipment and other facilities exist, as specified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. Technical Reference TR-NWT-000938 provides the technical specifications for 64 CCC. The SS7 protocol requirements for 64 CCC are specified in TR-TSV-000962.

1(T)(L)

1(T)(L)

Each SS7 Signaling Connection provides for digital transmission at a speed of 56 Kbps. The connection to the Utility STP can be made from either the customer's Signaling Point (SP) which requires two 56 Kbps circuits or from the customer's STP which requires four 56 Kbps circuits.

(N)

Rates and Charges for the SS7 Signaling Connection are set forth in 6.8.2(I) following.

(N)

NOTE 1: Pending CPUC Approval of Advice Letter No. 17883.
(L) Formerly on Sheet 153.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(T)(L)

The Switched Transport for the WATS Access Line or Universal WATS Access Line optional feature will apply as follows: Switched Transport is measured between the WATS or UWAL serving office and the serving wire center for the customer's premises. Switched Transport rates will apply separately to each of these Switched Transport measurements.

(T)
(T)
(T)
(T)

(8) Chargeable Optional Features

(T)

(a) Customer-Specification of Feature Group Directionality

(T)

This option allows the customer to specify that the operation of a trunk group will be one-way originating or terminating calling in lieu of Utility-selected two-way calling or, alternatively, that operation will be two-way calling in lieu of Utility-selected one-way calling. It is available with Feature Groups B, C and D.

These options are rated on an individual case basis with both nonrecurring charges and monthly recurring rates applying.

(L)

(L) Formerly on Sheet 151-A.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(8) Chargeable Optional Features (Cont'd)

(b) Multiplexing

This option allows the customer to convert a DS3 (44.736 Mbps) to 28 DS1 channels or a DS1 (1.544 Mbps) to 24 DS0/VG channels (64 Kbps).

A charge is specified in 6.8.2 following per multiplexing arrangement.

(c) Operator Transfer Service¹

Operator Transfer Service is an originating service that provides routing of calls requiring operator assistance to a participating customer as requested by the calling end user².

(C)
|
(C)

OTS customers are requested to represent their business by answering transferred calls in the business name in which they have subscribed to Operator Transfer Service. OTS customers may answer transferred calls with abbreviated or comparable names that do not misrepresent their business or cause end user confusion.

(N)
|
(N)

NOTE 1: If the end user has requested an intraLATA call without expressing a customer preference, the Utility's operator will complete the call.

NOTE 2: See Schedule Cal.P.U.C. No. 175-T, Sheet 137-R.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(8) Chargeable Optional Features (Cont'd)

(c) Operator Transfer Service¹ (Cont'd)

(D)

(D)

(1) If the end user has no specific customer preference, the Utility Operator will offer to connect the end user to the Presubscribed InterExchange Carrier (PIC) serving the originating line. The Operator will verify service participation, obtain end user acceptance and then transfer the call.

(N)

(2) If the calling end user does not accept transfer to the PIC of the originating line or if the PIC of the originating line does not participate in the Operator Transfer Service, the Utility Operator will offer the end user names from a monthly randomly generated list of Operator Transfer Service customers. Subject to end user complaints, OTS customers answering transferred calls with a business name that misrepresents their business or causes end user confusion will not be included on the randomly generated list, but available for specific end user requests.

(N)

All rates and charges normally applicable to Feature Group D, i.e. nonrecurring, monthly recurring, and usage sensitive, apply to Operator Transfer Service. Additionally, a charge as specified in 6.8.2(G)(1) following, is assessed the customer per 0- call transferred.

NOTE 1: If the end user has requested an intraLATA call without expressing a customer preference, the Utility's operator will complete the call.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) End Office

The number of end office switching transmission paths provided will be determined as set forth in 6.5.6 following.

(1) Local Switching

The Local Switching rate element provides for the use of end office switching equipment.

There are two categories, or rate levels, associated with Local Switching, i.e., LS1 and LS2. The LS1 and LS2 rate categories are further differentiated between a Call Set-Up rate applied on a per call basis, which provides for the end office functions specified following, and a per MOU rate which provides for those Local Switching Optional features following which are not provided for in the Call Set-Up rate.

The Call Set-Up rate provides for the call establishment functions performed for every access call, such as identification of the call as interLATA or intraLATA, seizure of a trunk to the customer, connection to the customer, and the activation of billing systems.

(L)

(L)

(L) Formerly on Sheet 153.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(L)

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with FGC or FGD. International dialing provides the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard FGC or FGD equipped end office.

FGA, FGB, FGC, FGD and 800 or 900 access service usage is measured on an originating and terminating basis. A call Set-Up rate, applied on a per call basis, and a per MOU rate will apply, as set forth in 6.8.3 (A) following.

There are two types of local switching functions, i.e., Common Switching functions and Transport Termination functions. These are described in (a) and (b) following.

(a) Common Switching

Common Switching provides the local end office switching functions associated with the various access switching arrangements. The Common Switching arrangements provided for the various arrangements are described in 6.2 following.

Included as part of Common Switching are various nonchargeable optional features which the customer can order to meet its specific communications requirements. These features are described in 6.3.1 following.

(L)

(L) Formerly on Sheet 154.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(b) Transport Termination

Transport Termination provides for the line or trunk-side arrangements which terminate the Switched Transport facilities. Included as part of Transport Termination are various nonchargeable optional termination arrangements. These optional terminating arrangements are described in 6.3.2 following.

The number of Transport Terminations provided will be determined by the Utility as set forth in 6.5.4 following.

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(2) Private Virtual Network (PVN) Access Capability (T)

The Private Virtual Network (PVN) Access rate element provides for the PVN processing and routing functions performed in the PVN entry switch where capability exists. In addition to the monthly recurring charge, a nonrecurring charge to initially equip the PVN entry switch applies. Rates and charges are set forth in 6.8.3(D) following.

(L)

(L)

(L) Formerly on Sheet 156.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Network Interconnection Charge (NIC)

The Network Interconnection Charge is applied on a per minute of use basis to all access customers that interconnect with the Utility's switched access network.

(N)

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

Material omitted now on Sheet 137-A.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)

(D)

(D)

Material omitted now on Sheet 137-P.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

Material omitted now on Sheets 137-Q and 137-R.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

Material omitted now on Sheet 137-F.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

Material omitted now on Sheets 137-F-1 and 137-G.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)
|
(D)

Material omitted now on Sheet 137-H.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)

(D)

Material omitted now on Sheets 137-I and 137-J.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)

(D)

(D)

(D)

Material omitted now on Sheet 137-J.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)

(D)

Material omitted now on Sheet 137-K.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)

(D)

Material omitted now on Sheet 137-M.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

Material omitted now on Sheet 137-N.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

Material omitted now on Sheets 137-0 and 137-S.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

Material omitted now on Sheet 137-T.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

Material omitted now on Sheet 137-U.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D)

(D)

Material omitted now on Sheet 137-V.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.4 Reserved

z

6.1.5 Reserved

z

z Correction

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.6 Acceptance Testing

At no additional charge, the Utility will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-Message noise, C-notched noise, 3-tone slope, d.c. continuity and operational signaling. When the Switched Transport is provided with Interface Groups 2 (T) through 9, and the Transport Termination is two-wire (i.e., (T) there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

The Utility will perform cooperative testing at its local loop demarcation point at the customer's request. The Utility may perform additional testing on the customer's side of the local loop demarcation point at the customer's request and expense.

Entrance Facility and/or Direct Trunked Transport acceptance tests will include tests for the parameters applicable to the service as specified in the order for service. (N)

6.1.7 CCSAC Testing Requirements

For Feature Group D with the CCSAC optional feature, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer. These tests are as specified in the Pacific Bell Network Interface Specification Document PUB-L-780023-PB/NB and Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSY-000905. These tests must be successfully completed prior to providing the CCSAC optional feature. (N)

(D)
Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service

Switched Access Service is provided in two different arrangements. (N)
The two arrangements provisioned are Direct trunked transport and (N)
Tandem Switched transport. Entrance facilities may be provisioned (N)
for either arrangement. The provision of each Switched Access (T)
Service requires Switched Transport facilities and the appropriate (T)
End Office functions. There are various optional features available (T)
with Switched Access Service. The Switched Transport, Common (T)
Switching and Transport Termination optional features are available at
all Utility end office switches unless otherwise stated. In addition,
WATS Access Line Service or Universal WATS Access Line Service,
described in 7.2.3 following, may be provided for use with z
Switched Access Service.

There are three specific transmission specifications (i.e., Types A, B
and C) that have been identified for the provision of Switched Access
Service.

Switched Access Service is arranged for either originating,
terminating or two-way calling. Originating calling permits the
delivery of calls from Telephone Exchange Service locations to the
customer premises. Terminating calling permits the delivery of calls
from the customer premises to Telephone Exchange Service locations.
Two-way calling permits the delivery of calls in both directions, but
not simultaneously. The Utility will work cooperatively with the
customer to determine directionality.

Switched Access Service will be provided by the Utility to its local
loop demarcation point. Additional facilities and/or equipment as
needed on the customer's side of the demarcation point are the
responsibility of the customer.

Following are detailed descriptions of the available Switched Access
Services. Each Switched Access Service is described in terms of its
specific physical characteristics and calling patterns, the
transmission specifications with which it is provided, the optional
features available for use with it and the standard testing
capabilities.

z Correction

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.1 Feature Group A (FGA)

(A) Description

- (1) FGA Access, which is available to all customers, provides line-side access to Utility end office switches with an associated seven digit local telephone number for the customer's use in originating and terminating communications to an Interexchange Carrier's service or a customer-provided communications capability. The customer must specify the Interexchange Carrier to which the FGA service is connected or, in the alternative, specify the means by which the FGA Service access communication is transported to a customer provided Utility electronic and electromechanical end offices. At the option of the customer, FGA is provided on a single or multiple-line-group basis and is arranged for originating calling only, terminating calling only, or two-way calling. (C)
(C)
- (2) At the first point of switching, FGA provides a line-side termination arranged for either ground-start or loop-start supervisory signaling. The type of signaling is at the option of the customer. (C)
- (3) Within the selected LATA, the customer may request the first point of switching at which the line-side termination is to be provided. If the Utility facilities and/or measurement capabilities are not available to accommodate such a request, the Utility will select the first point of switching. (C)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd) (T)

6.2.1 Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

(4) A seven-digit local telephone number assigned by the Utility is provided for access to FGA switching in the originating direction. The seven-digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX. If the customer requests a specific seven digit telephone number that is not currently assigned, and the Utility can, with reasonable effort, comply with that request, the requested number will be assigned to the customer. (L)

(5) In the terminating direction, FGA switching is arranged with dial-tone start-dial signaling; and may, at the option of the customer, be arranged for dial-pulse or dual-tone multi-frequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in a hunt group or uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.

(L) Formerly on Sheet 159.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.1 Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

(6) No address signaling is provided by the Utility when FGA Switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband-tone signaling techniques. Such inband-tone address signals will not be regenerated by the Utility and will be subject to the ordinary transmission capabilities of Local Transport provided.

(7) When used in the terminating direction, FGA switching may access valid NXXs in the LATA, local operator service (0- and 0+), Directory Assistance (411), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Utility, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). Charges for FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed (T) for: (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls; (2) calls to certain community information services, for which rates are applicable under Utility exchange service tariffs, e.g., 976 (DIAL-IT) Network Services and; (3) calls from a FGA line to another customer's service in accordance with that customer's applicable service rates when the Utility performs the billing function for that customer.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.1 Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

(7) (Cont'd)

For FGA calls to Directory Assistance (411), Switched Access Service usage rates will not apply. Instead, FGA calls to this service are subject to the Directory Assistance Service per call rates as set forth in 9.1.6 (A) and (B) following. (T)

(8) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(B) Optional Features

(1) Common Switching Optional Features

- (a) Hunt Group Arrangement
- (b) Uniform Call Distribution Arrangement
- (c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
- (d) Call Denial
- (e) Service Code Denial

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.1 Feature Group A (FGA) (Cont'd)

(B) Optional Features (Cont'd)

(2) Transport Termination Optional Features

- (a) Two-way operation with dial-pulse address signaling and loop-start supervisory signaling
- (b) Two-way operation with dial-pulse address signaling and ground-start supervisory signaling
- (c) Two-way operation with dual-tone multifrequency address signaling and loop-start supervisory signaling.
- (d) Two-way operation with dual-tone multifrequency address signaling and ground-start supervisory signaling
- (e) Terminating operation with dial-pulse address signaling and loop-start supervisory signaling
- (f) Terminating operation with dial-pulse address signaling and ground-start supervisory signaling
- (g) Terminating operation with dual-tone multifrequency address signaling and loop-start supervisory signaling
- (h) Terminating operation with dual-tone multifrequency address signaling and ground-start supervisory signaling
- (i) Originating operation with loop-start supervisory signaling
- (j) Originating operation with ground-start supervisory signaling

(3) Local Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.3(A)(7)(a) preceding) (T)
- (b) Customer-Specified Entry Switch Receive Level

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.1 Feature Group A (FGA) (Cont'd)

(B) Optional Features (Cont'd)

(4) Other Optional Feature

Certain other features which may be available in connection with Feature Group A are provided under the Utility's local and/or general exchange service tariffs. Examples are:

- (a) Custom Calling Services
 - (b) Bill Number Screening
 - (c) IntraLATA Extensions
 - (d) Remote Call Forwarding
- (T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.1 Feature Group A (FGA) (Cont'd)

(C) Testing Capabilities

FGA is provided, in the terminating direction where equipment is available, with seven-digit access to balance (100 type) test line and milliwatt (102 type) test line.

The Utility will perform testing at its local loop demarcation point. In addition to the tests described in 6.1.6. preceding which are included with the installation of service, additional Cooperative Acceptance Testing and Nonscheduled Testing are available for FGA as set forth in 13.3.5 following.

The Utility may perform testing on the customer's side of the local loop demarcation point at the customer's request and expense.

6.2.2 Feature Group B (FGB)

FGB Access, which is available to all customers, provides trunk-side access to Utility end office switches with an associated uniform 950-0XXX or 950-1XXX access code for the customer's use in originating and terminating communications to an Interexchange Carrier's service or a customer-provided communications capability. The customer must specify the Interexchange Carrier to which the FGB Service is connected or, in the alternative, specify the means by which FGB Access communication is transported to a customer provided communications capability.

(A) Description

- (1) When provided via Utility designated electronic access tandem switches, FGB switching is provided at Utility electronic and electromechanical end office switches. When directly routed to an end office (i.e., provided without the use of an access tandem switch), FGB switching is provided at appropriately equipped Utility electronic end office switches.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(2) FGB is provided as trunk-side switching using either end-office or access-tandem-switch trunk equipment. The switched trunk equipment is provided with wink-start start-pulsing signals and answer and disconnect supervisory signaling.

(3) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary-dial station signaling arrangements as set forth in 6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband-tone signaling techniques. Such inband-tone address signals will not be regenerated by the Utility and will be subject to the ordinary transmission capabilities of the Local Transport provided.

(4) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-0XXX or 950-1XXX for carriers.

These uniform access codes will be the assigned access numbers of all FGB switched access service provided to the customer by the Utility.

(5) When used in the terminating direction, FGB switching, may access valid NXXs in the LATA, time or weather announcement services of the Utility, community information services of an information service provider and other customer's services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed, unless LATA-wide terminating access optional switching is selected.

(N)

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(5) (Cont'd)

The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Utility exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls connecting to a non-Utility service in accordance with that customer's applicable service rates when the Utility performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411), service codes (611 and 911 where available) or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGB Switching is combined with Directory Assistance Switching. The combination of FGB Switched Access Service with Directory Assistance Service is provided as set forth in Section 9. following. FGB may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C and D.

(T)

(6) The Utility will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Utility.

(7) When all FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

- (8) Another feature, Bill Number Screening, which may be available in connection with FGB, is provided under the Utility's local and/or general exchange service tariffs.
- (9) The termination rate as set forth in 6.8.2(A) will apply when originating Feature Group B overflows from a primary trunk group between an end office and customer's premise to a secondary trunk group between an end office and collocated cage.

(B) Optional Features

(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Up-to-7-Digit Outpulsing of Access Digits to Customer
- (c) Alternative Traffic Routing
- (d) LATA-Wide Terminating Access¹

(2) Transport Termination Optional Features

- (a) Rotary-Dial Station Signaling

(3) Local Transport Optional Features

- (a) Customer-Specification of Feature Group Directionality
- (b) Provision of Other-Than-Utility-Selected Traffic Routing
- (c) Customer-Specification of Local Transport Termination
- (d) Supervisory Signaling (as set forth in 6.1.3(A)(7)(a) preceding)
- (e) Customer-Specified Entry Switch Receive Level

(T)

(4) Other Optional Features

Another feature, Remote Call Forwarding, is available in connection with FGB as set forth in the exchange service tariff, Schedule Cal.P.U.C. No. A5.4.4.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(D) Testing Capabilities

FGB is provided, in the terminating direction where equipment is available, with seven-digit access (or 10 digit access if required with LATA-wide terminating access) to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop-around test line, short-circuit test line and open-circuit test line.

The Utility will perform testing at its local loop demarcation point. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in 13.3.5 following.

(T)

The Utility may perform testing on the customer's side of the local loop demarcation point at the customer's request and expense.

6.2.3 Feature Group C (FGC)

FGC Access, which is available only to providers of MTS and WATS, provides trunk side access to Utility end office switches for the customer's use in originating and terminating communications. This service is available in all end offices which are not equipped for Feature Group D End Office Switching. Existing FGC Access will be converted to Feature Group D Access when it becomes available in an end office.

(A) Description

(1) FGC is provided at all Utility end office switches on a direct-trunk basis or via Utility-designated access tandem switches. FGC switching is provided to the customer (i.e., providers of MTS¹ and WATS) at an end office switch unless Feature Group D end office switching is provided in the same office. When FGD switching is available, FGC switching will not be provided.

NOTE 1: Also known as Local Toll.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(A) Description (Cont'd)

(2) FGC is provided as trunk-side switching using either end-office or access-tandem-switch trunk equipment arranged for answer and disconnect supervisory signaling. Wink-start start-pulsing signals are provided in all offices where available. In those offices where wink-start start-pulsing signals are not available, delay-dial start-pulsing signals will be provided, unless immediate-dial-pulse signaling is provided, in which case no start-pulsing signals are provided.

(L)
|
(L)

(L) Formerly on Sheet 167.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(A) Description (Cont'd)

(3) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial-pulse, revertive-pulse, immediate-dial-pulse or panel-call-indicator signaling, whichever is available. Up to 12 digits of the called party number dialed by the customer's end user using dual-tone multifrequency or dial pulse address signals will be provided by Utility equipment to the customer's premises where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

(T)

(4) No access code is required for FGC switching. The telephone number dialed by the customer's end user shall be a seven or ten-digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven-to-twelve-digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC ++ NN.

(5) When used in the terminating direction, FGC switching may access valid NXXs in the LATA, time or weather announcement services of the Utility, community information services of an information provider, and other customer's services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(A) Description (Cont'd)

(5) (Cont'd)

served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, the customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Utility exchange service tariffs, e.g., 976 (DIAL-IT) Network Services. Additionally, non-access charges will also be billed for calls connecting to a non-Utility service in accordance with the customer's billable service rates when the Utility performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0-and 0+), Directory Assistance (411), service codes (611 and 911) and 101XXXX access codes. Calls will not be completed to Directory Assistance (NPA 555-1212 or 555-1212) when FGC switching is combined with Directory Assistance switching. The combination of FGC Switched Access Service with Directory Assistance Service is provided as set forth in 9. following. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

(T)

- (6) The Utility will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGC switching arrangement provided. Different types of FGC or other switching arrangements may be combined in a single trunk group at the option of the Utility.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(B) Optional Features

(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Service Class Routing
- (c) Dial-Pulse Address Signaling
- (d) Revertive-Pulse Address Signaling
- (e) Delay Dial Start Pulsing Signaling
- (f) Immediate-Dial-Pulse Address Signaling
- (g) Panel-Call-Indicator Address Signaling
- (h) Alternate Traffic Routing
- (i) Trunk Access Limitation
- (j) End Office End User Line Service Screening for Use with WATS Access Line Service
- (k) Hunt Group Arrangement for Use with WATS Access Line Service
- (l) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (m) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with WATS Access Line Service
- (n) Band Advance Arrangement for Use with WATS Access Line Service

(2) Transport Termination Optional Features

- (a) Operator Trunks - Modified Operator Services (MOS) Direct - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Utility electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at the Utility electronic end offices and other Utility end offices where equipment is available.) (T) (T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(B) Optional Features (Cont'd)

(3) Switched Transport Optional Features (T)

(a) Customer-Specification of Feature Group
Directionality (D)

(b) Supervisory Signaling (as set forth in
6.1.3(A)(7)(a) preceding) (D)

(b) Supervisory Signaling (as set forth in
6.1.3(A)(7)(a) preceding) (T)

(4) WATS AND UWAL Access, Line Termination Optional
Features (T)

(a) E&M Supervisory Signaling

(b) Dialed Number Identification Service

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(C)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(D) Testing Capabilities

FGC is provided, in the terminating direction where equipment is available, with seven-digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop-around test line, short-circuit test line and open-circuit test line.

The Utility will perform testing at its local loop demarcation point. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing or Manual Scheduled Testing, and Non-Scheduled Testing are available as set forth in 13.3.5 following for FGC.

(T)

The Utility may perform testing on the customer's side of the local loop demarcation point at the customer's request and expense.

6.2.4 Feature Group D (FGD)

FGD Access, which is available to all customers, provides trunk side access to Utility end office switches with an associated 101XXXX access code for the customer's use in originating and terminating communications.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

- (1) FGD is provided at Utility-designated electronic end office switches whether routed directly or via Utility-designated electronic access tandem switches.
- (2) FGD is provided as trunk-side switching through the use of end-office or access-tandem-switch trunk equipment. The switch trunk equipment is provided with wink-start start-pulsing signals and answer and disconnect supervisory signaling, or without signaling when the CCSAC optional feature is specified. (T)
(N)
(N)
- (3) FGD switching is provided with multifrequency address signaling or SS7 signaling. Up to 12 digits of the called party number dialed by the customer using dual-tone multifrequency or dial-pulse address signals will be provided by Utility equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided. (T)
- (4) When used in the terminating direction, FGD switching may access valid NXXs in the LATA, time or weather announcement services of the Utility, community information services of an information service provider, and other customer's services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Utility exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally,

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(4) (Cont'd)

non-access charges will also be billed for calls connecting to a non-Utility service in accordance with that customer's applicable service rates when the Utility performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes, (611 and 911) and 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGD switching is combined with Directory Assistance switching. The combination of FGD Switched Access Service with Directory Assistance Service is provided as set forth in 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

(T)

(5) The Utility will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Utility, or at the option of the customer, as set forth in 6.2.6 following.

(6) The access code for FGD switching is a uniform access code in the form 101XXXX. These uniform access codes will be the assigned number of all FGD access provided to the customer by the Utility. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in 13.3.3 following.

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(6) (Cont'd)

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve-digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + OCC+ NN.

When the 101XXXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Utility's emergency reporting service or at the customer's option, the end of dialing digit (#) for cut through access to the customer's premises.

The term "Local Access and Transport Area" (LATA) denotes a geographic area established for provisions and administration of communications service as approved by Judge Greene for the United States District Court for the District of Columbia on April 20, 1983. [United States vs. Western Electric, 569 F. Supp 990 (D.D.C. 1983).]

(L)
|
(L)

Material omitted now on Sheet 174-A.
(L) Formerly on Sheet 174-A.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

- (7) Common Channel Signaling Access Capability (CCSAC), an option of Signaling System 7 (SS7) out-of-band signaling, is provided through Utility-designated STPs. The CCSAC option allows customers to exchange signaling for call set-up via SS7. An SS7 Signaling Connection at 56 Kbps is required between the Utility STP and the customer's SPOI. When ordering the CCSAC optional feature, the customer shall specify that all traffic be equipped with out-of-band signaling. Rates and charges are found in Section 6.8.2(D). (L)
- (8) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing 101XXXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify to which 101XXXX code its calls will be directed. Presubscription codes are applied as set forth in B. following. (T)
- (9) When the 101XXXX 1+ or 011+ sent-paid access code is dialed from a Utility pay telephone to a customer that has not ordered per 6.3.2(B) or (C) following, the calls will be routed to a Utility recording. (T)

Material omitted now on Sheet 174.
(L) Formerly on Sheet 174.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

- (10) When a customer has had FGB access in an end office and (T)
subsequently replaces the FGB access with FGD access, at
the mutual agreement of the customer and the Utility,
the Utility will direct calls dialed by the customer's
end users using the customer's previous FGB access code
to the customer's FGD access service, as long as the FGB
0/1XXX access code is the same as the four-digit FGD
0/1XXX and only in the 011 bank of numbers.

When a customer has both FGB and FGD access in the
same end office or separate end offices which subtend
the same access tandem and chooses to route his
originating FGB calls over FGD access, the Utility
will direct calls dialed by the customer's end users
using the customer's FGB access code to the customer's
FGD access service, as long as the FGB 0/1XXX access
code is the same as the four-digit FGD 0/1XXX and only
in the 011 bank of numbers. Such calls, whether
originating from an equal access or non-equal access
end office, will be rated FGD.

The customer must be prepared to handle normally
dialed FGD calls, as well as calls dialed with the FGB
access code which requires the customer to receive
additional address signaling from the end user. Such
calls will be rated as FGD.

- (11) When Public Switched Digital Service (PSDS) Access is (T)
provided with FGD, the dialing pattern will be
modified as follows. In the originating direction,
end users at suitably equipped end user premises can
activate the capability in the end office by dialing
#56 + 101XXXX + seven or ten digits, or #56 + 1 +
seven or ten digits when presubscribed to a
participating interexchange carrier.

- (12) When Tandem Access Sectorization (TAS) is provided (T)
with FGD, all originating traffic from a sector can be
routed via an Equal Access Tandem to a specific
customer premises designated by the customer. See
diagram following:

Continued

ACCESS SERVICE

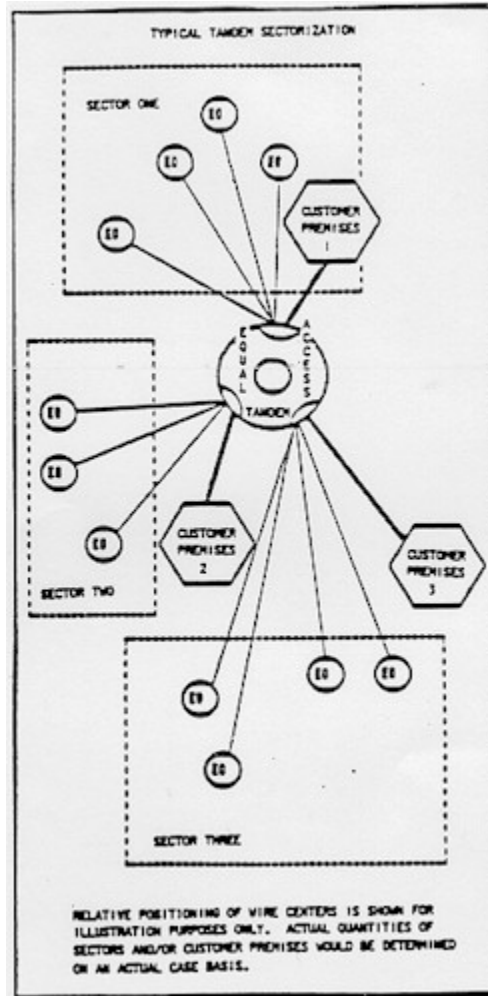
6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(12) The following diagram depicts a generic view of Tandem Access Sectorization. (T)



Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(13) At the option of the customer, Operator Transfer Service as described in 6.1.3(A)(8)(c) preceding, is available for use with Feature Group D. Operator Transfer Service is ordered as set forth in 5.2 preceding and is provided to the customer via FGD trunks. (T)

(B) Optional Features

(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Service Class Routing
- (c) Alternate Traffic Routing
- (d) Call Gapping Arrangement

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(B) Optional Features (Cont'd)

(1) Common Switching Optional Features (Cont'd)

- (e) Trunk Access Limitation
- (f) International Carrier Option
- (g) End Office End User Line Service Screening for Use with WATS Access Line Service
- (h) Hunt Group Arrangement for Use with WATS Access Line Service and Universal WATS Access Line Service
- (i) Uniform Call Distribution Arrangement for Use with WATS Access Line Service and Universal WATS Access Line Service
- (j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with WATS Access Line Service and Universal WATS Access Line Service
- (k) Band Advance Arrangement for Use with WATS Access Line Service
- (l) Cut Through
- (m) Public Switched Digital Service (PSDS) Access
- (n) Tandem Access Sectorization (TAS)

(2) Transport Termination Optional Features

- (a) Operator Trunks - Modified Operator Services (MOS) Direct - i.e., Coin, and Combined Coin and Non-Coin.
- (b) Operator Trunks - Exchange Access Operator Services System (EAOSS) - i.e., Coin 1+ and 011+ Sent-paid as well as 0+, 00- and 01+ where technically feasible.

(D)

(N)

(N)

Material omitted now on Sheet 175-A.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(B) Optional Features (Cont'd)

(3) Switched Transport Optional Features (T)

(a) Customer-Specification of Feature Group Directionality (D)

(b) Supervisory Signaling (as set forth in 6.1.3(A)(7)(a) preceding) (T)

(c) Operator Transfer Service (as set forth in 6.1.3 (A)(8)(c). (T)

(d) Common Channel Signaling Access Capability (CCSAC) (as set forth in 6.1.3 (A),(7),(d) preceding). (T) | 1

(4) WATS and UWAL Access Line Termination Optional Features

(a) E&M Supervisory Signaling

(b) Dialed Number Identification Service

NOTE 1: Pending CPUC Approval of Advice Letter No. 17883.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(C)

(D) Testing Capabilities

FGD is provided, in the terminating direction where equipment is available, with seven-digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop-around test line, short-circuit test line and open-circuit test line.

The Utility will perform testing at its local loop) demarcation point. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, Manual Scheduled Testing, and Non-Scheduled Testing, are available for FGD as set forth in 13 following.

(T)

The Utility may perform testing on the customer's side of the local loop demarcation point at the customer's request and expense.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.5 Private Virtual Network (PVN) Switched Access Service

(A) Description

(1) PVN Switched Access service is provided at Utility designated entry switches with PVN capability. PVN access provides the ability to originate or terminate calls over dedicated PVN Access lines. The PVN Switched Access trunks are furnished as FGD trunks and must be separate from those FGD trunks carrying regular traffic. The Utility end office recognizes a call as a PVN call by its arrival over dedicated facilities and will forward the call to the customer premises utilizing a unique Carrier Identification Code (CIC) over dedicated trunks with the called and calling numbers (ANI). The Utility end office will perform call processing functions such as class marking the dedicated PVN lines, collecting end user dialed address digits, routing outgoing calls and completing incoming calls for the customer. (C)

(2) PVN Switched Access is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with wink-start start-pulsing signals and answer and disconnect supervisory signaling.

(3) PVN Switched Access switching is provided with multifrequency address signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Utility equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

Continued

ACCESS SERVICE

6. SWITCHED ACCESS SERVICE (CONT'D)

6.2 PROVISION AND DESCRIPTION OF SWITCHED ACCESS SERVICE (CONT'D)

6.2.5 PRIVATE VIRTUAL NETWORK (PVN) SWITCHED ACCESS SERVICE (CONT'D)

(A) DESCRIPTION (CONT'D)

- (4) PVN Switched Access switching, when used in the terminating direction, may be used to access only PVN Access lines served from the end office that it is provided from.
- (5) PVN Switched Access Service will only be provided from Utility selected end offices equipped with equal access capabilities on a direct trunk basis. All such service will be provisioned in accordance with the technical characteristics available with Feature Group D (i.e., technical specifications, customer premise interfaces, etc.)
- (6) PVN switching will be provided to route only PVN Switched Access calls over dedicated PVN trunk groups.
- (7) A PVN Access Line provides a connection between a customer's end user's premises and a Utility end office switch capable of performing the necessary functions for PVN Switched Access Service.

PVN Access Lines are arranged for originating calling only, terminating calling only or two-way calling. They are provided with rotary dial or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

PVN Switched Access Service usage measurement shall be in accordance with the regulations set forth in 6.7.8 following for Feature Group D. Specifically, for usage originating from end offices equipped with equal access capabilities, access minutes shall be measured in the same manner in which Feature Group D access minutes are measured. Separate trunk groups will be required for PVN Switched Access Service. Only PVN traffic will be provided on these trunk groups. No MTS¹, WATS, etc., type traffic will be allowed.

NOTE 1: Also known as Local Toll.

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.5 Private Virtual Network (PVN) Switched Access Service (Cont'd)

(B) Optional Features

(1) Common Switching Optional Features

(a) Automatic Number Identification (ANI)

(2) Local Transport Optional Features

(a) PVN Access Lines (as set forth in 7.2. following). (T)

(b) Supervisory Signaling (as set forth in 6.1.3(A)(8)(c) preceding). (T)

(3) Private Virtual Network (PVN) Access Line Service Terminations

(a) Originating-only line-side connection with dual-tone multifrequency address signaling and loop-start supervisory signaling.

(b) Originating-only line-side connection with dial-pulse address signaling and loop-start supervisory signaling.

(c) Originating-only line-side connection with dual-tone multifrequency address signaling and ground-start supervisory signaling.

(d) Originating-only line-side connection with dial-pulse address signaling and ground-start supervisory signaling.

(e) Terminating-only line-side connection with loop-start supervisory signaling.

(f) Terminating-only line-side connection with ground-start supervisory signaling.

(g) Terminating-only trunk-side connection for forwarding Dialed-Number Identification to End User.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.6 500 Access Service

500 Access Service is an originating service utilizing trunk side Switched Access Service and is available at appropriately equipped Utility end offices or tandem switches. The service provides a 500 Access Service customer identification function based on the dialed 500 number.

When a 0+500+NXX-XXXX or 1+500+NXX-XXXX call is originated by an end user, the Utility will perform the 500 Access Service customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. If the call originates from an end office switch not equipped to provide the 500 Access Service customer identification function, the call will be routed to an office at which the function is available. Once 500 Access Service customer identification has been established, the call will be routed to the customer. Calls originating in an end office switch in which the customer has not ordered 500 Access Service will be routed to intercept. The 500 Access Service customer has the option to order 0+ 500, 1+ 500 or both. 0+ 500 and 1+ 500 originating calls from 101XXXX, inmate service, toll restricted lines, WATS, Feature Group A and Access Line Arrangement with Call Access Denial will be blocked. 1+ 500 originating calls from Coin Hard Screen, Prepay, Hotel/Motel ANI 7, Hospital, PACBELL Charge-A-Call and AT&T Public Access Line will be blocked. If the 500 Access Service customer chooses not to accept a call that the Utility routes, then the 500 Access Service customer is responsible for providing its own blocking and announcement explaining the reason the call cannot be completed. If the 500 Access Service customer accepts 500 calls and subsequently cannot collect from the calling or called party, the Utility is not responsible for the uncollected charges. Calls to 0- will reach a live operator intercept who will give dialing instructions to the calling party to dial 1+ 500 or 0+ 500. International dialing (e.g., 01 and 011+500+NXX-XXX) will not be accepted for reaching a 500 access service customer.

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.6 500 Access Service (Cont'd)

When 500 Access Service is provided from an end office equipped with equal access capabilities, all such service will be provisioned in accordance with the technical characteristics available with Feature Group D. (T)

When 500 Access Service is provided from an end office not equipped with equal access capabilities, such service will be provisioned in accordance with the technical characteristics of Feature Group C or D.

500 Access Service originating from equal access end offices with the calling party's identification will be provided using access signaling with overlap outpulsing and ten-digit ANI, or with SS7 out of band signaling when the customer has ordered the CCSAC optional feature with Feature Group D. (T)

500 Access Service originating from an independent local exchange company non-equal access end office or handicapped sources routed via operator switches without complete end user identification will be provided using traditional signaling. 500 Access Service traffic will be combined in the same trunk group arrangement with other 500 and non-500 Access Service traffic unless the customer orders a separate trunk group only for its 500 Access Service traffic. The customer can obtain a separate trunk group using traditional signaling at the access tandem.

500 Access Service usage measurement shall be in accordance with the regulations set forth in 6.7.1 following for Feature Group D. (T)

The rates and charges for 500 Access Service are described in 6.8.8 following.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.6 Reserved

(T)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.6 Reserved

(T)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.6 Reserved

(T)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.6 Reserved

(T)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.6 Reserved

(T)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.6 Reserved

(T)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.7 Access Line Service

(A) Reserved[@]

(T)

(D)

(D)

[@] Will not be implemented until April 30, 1997.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.7 Access Line Service (Cont'd)

(A) (Cont'd)[@]

(T)

(D)

(D)

@ Will not be implemented until April 30, 1997.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.7 Access Line Service (Cont'd)

(A) (Cont'd)[@]

(T)

(D)

(D)

(B) Private Virtual Network Access Line Service (PVNAL)

The Private Virtual Network Access Line (PVNAL) is a type of Special Access Service which is provided for use with PVN Switched Access Service. It provides a connection between a customer's end user's premises and an equal access end office equipped for PVN Access. This service is described in 7.2.3 following.

6.2.8 Reserved

@ Will not be implemented until April 30, 1997.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.9 900 Access Service

(A) Service Description

900 Access Service is an originating only trunk-side Switched Access Service. The service provides a customer identification function and subsequent delivery of the call to the customer based on the dialed 900 number. It is available at appropriately equipped Utility end office switches.

When a 900 call is originated by an end user, the Utility will perform the customer identification function based on six dialed digits, i.e., 900 +NXX, to determine the customer location to which the call is to be routed. Once customer identification has been established, the call will be routed to the customer for completion. 900 Access Service will be provided using exchange access signaling with overlap outpulsing and ten-digit ANI. 900 Access usage measurement shall be in accordance with the regulations set forth in 6.7.8 following for Feature Group D.

Premium rates apply to all 900 Access Service Access Minutes.

The Customer's 900 Access Service may be combined in the same trunk group arrangement with the customer's non-900 Access Service traffic, or, at the request of the customer, a separate trunk group will be established for 900 Access Service by means of the Service Class Routing optional feature.

The Utility will work cooperatively with the customer to implement any network management controls (e.g., call gapping and code blocking) to protect the network from traffic surges due to peaked 900 Access Services. Customer notification of peaked services is required as set forth in 6.6.1 (D).

Material omitted now on Sheet 176-K-1.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.9 900 Access Service

(A) Service Description (Cont'd)

Calls originating in an end office in which the customer has not ordered 900 Access Service will be routed to intercept. 900 calls from COIN, 0+, 0-, 101XXXX inmate service, hotel, motel and calling card will be blocked. The customer may request unblocking of 0+ 900 calling except on inmate or other classes of service which do not allow 900 calling.

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.9 900 Access Service (Cont'd)

(N)

(B) Consumer Safeguards

In addition to the terms and conditions described above, the customer must adhere to the following consumer safeguards in compliance with Decision 91-03-021 of the California Public Utilities Commission, released March 13, 1991:

- (1) Customers for whom 900 Access is provided must carry Information Provider (IP) programs containing harmful matter on a separate prefix (NXX) from all other programs. When ordering 900 Access Service, the customer must report the harmful matter prefix (NXX) to be instituted. The report must be updated by the customer each time a change in prefix is scheduled to occur, i.e., where a new prefix (NXX) is to be added or an existing prefix (NXX) is to be deleted. Such reports shall be provided according to negotiated service intervals in order to allow the Utility sufficient time to implement the change.
- (2) In cooperation with the customer, the Utility will provide a service to allow residential and business end user blocking to all 900 programs or to only the harmful matter prefixes (NXXs) of the customer, by means of Information Services Call Blocking (ISCB), as described in Schedule Cal.P.U.C. No. A9.5.4.
- (3) The Utility will not provide 900 Access Service in end offices where the blocking options described in Schedule Cal.P.U.C. No. A9.5.4, ISCB, are not available.
- (4) The customer must require its IP customers to include, at the beginning of each program, a disclosure message, delayed timing period, tone at the end of the delayed timing period, and disclosure override, as specified in Decision 91-03-21.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.10 800 Data Base Service

(N)

800 Data Base Service is an originating offering utilizing FGD Switched Access Service and/or the SS7 Signaling Network. The basic service provides a customer identification function with Area of Service (AOS) routing, based on the dialed 800 number, at Utility 800 Service Switching Points (SSPs) and 800 Service Control Points (SCP). AOS routing is based on originating LATA, NPA, or NPA-NXX.

When a 1+800+NXX-XXXX call is originated by an end user, the 800 call is held at the SSP while a query is launched to the 800 SCP. The customer identification with AOS, in the form of SS7 signaling information, is passed back from the SCP to the SSP from which the 800 query originated, and the call can then be routed to the correct customer location.

Customer identification for Canadian and Caribbean 800 numbers will be performed by Six Digit Master Number List Turnaround.

Calls originating from a service area in which the customer has not ordered 800 Data Base Service will be routed to intercept.

In addition to the basic customer identification function with AOS, 800 Data Base Service offers the following optional features:

(A) POTS Translation

The customer may choose to have the dialed 800 number translated to the terminating POTS number and delivered to the customer's location in that form.

(B) Multiple Destination and Routing

The customers may create routing schemes utilizing:

- (1) Time of Day
- (2) Day of Week
- (3) Day of Year
- (4) Allocation of Traffic by Percentage
- (5) NPA-NXX-XXXX

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.10 800 Data Base Service (Cont'd)

800 Data Base Service will be provisioned in accordance with the technical characteristics available with FGD and with SS7 network protocol as described in Pacific Bell Network Interface Document PUB-L-780023-PB/NB and Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905.

800 access usage measurement shall be in accordance with the regulations set forth in 6.7.8 following for Feature Group D. Premium rates apply to all 800 Data Base Service access minutes.

The 800 Data Base Service Basic Query Charge is assessed to the customer on a per query basis. Additional charges may apply to 800 Data Base Service optional features. These charges are billed in addition to the Basic Query Charge.

The Six Digit Master Number List Turnaround Charge is billed in lieu of the 800 Basic Query Charge when customer identification is performed for Canadian and Caribbean 800 numbers. There are no optional features associated with this function.

Rates and charges associated with 800 Data Base Service are as described in 6.8.10 following.

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.11 Line Information Data Base (LIDB) Service

(N)

(A) General Description

LIDB Service is provided by the Utility to its customers in support of alternate billing services. LIDB Service provides access to billing validation data which resides in the Utility data base for use with alternate billing services, such as Calling Card, Collect Calls and Third Number Billing.

Customers participating in LIDB Service for purposes of obtaining billing validation data originate queries to the LIDB from an Operator Service System (OSS) identified by an originating point code. The requested billing validation data, in the form of signaling information, is passed back from the Service Control Point (SCP) where the LIDB resides via the Utility STP to the customer's designated OSS where the LIDB query was originated. The LIDB system will receive and respond to American National Standards Institute Signaling System 7 protocol queries as defined in Bellcore publication TR-TSV-000905, and Pacific Bell publication PUB L-780023 PB/NB.

LIDB Service will provide the following functions on a per query basis:

- Validation of a telecommunication calling card stored in LIDB.
- Determination of whether the billed line automatically rejects certain calls billed as collect or third number.
- Determination of whether the billed line is a public telephone number using the "Service or Equipment Indicator" in the LIDB.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.11 Line Information Data Base (LIDB) Service (Cont'd)

(N)

(B) Undertaking of the Utility

LIDB Service will be provided on an interrogation basis, as set forth in 6.2.11(A) preceding. LIDB Service is provided on a call-by-call basis and data accessed may not be stored elsewhere for future use.

Any end user line information of the Utility that is furnished, made available to, or otherwise disclosed to the customer shall remain the sole property of the Utility and not reproduced for other purposes.

LIDB Service is provided subject to technical capability and successful completion of application testing.

The Utility's LIDB is updated seven days a week, 24 hours per day. High priority updates, which include the disablement of a number due to fraudulent use, are completed in real time via terminal input to the LIDB Administrative System. Direct access to LIDB is also available as a backup. Normal day to day updates required to add and delete numbers, are batch processed through to LIDB at the end of each day. LIDB data accuracy is ensured by regular audits against various corporate support systems.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.11 Line Information Data Base (LIDB) Service (Cont'd)

(N)

(B) Undertaking of the Utility (Cont'd)

The Utility monitors LIDB seven days a week, 24 hours per day, for potential fraud. Fraud detection is based on thresholding routines contained within the LIDB, and pattern analysis based on information as set forth in 6.2.11(C) following. Potential fraud detected within the LIDB application is reported to, and then aggregated by, an adjunct processor. This processor retains historical fraud patterns and a record of previous investigations. If fraud is suspected, customer contact will be attempted. If a high probability of fraud exists, the Utility will disable a number for alternate billing purposes, and follow up with the customer.

Should unexpected high levels of attempts for LIDB validation occur, creating an overload in the Signaling Control Point (SCP), Automatic Code Gapping (AGC) will be implemented by the SCP to reduce the rate at which validation messages are processed by the SCP. AGC is applied across all attempts originating from all Networks. As validation query messages reach the SCP, a slow down process will be invoked until the congestion period has passed. During periods of extremely high validation demands, incoming query messages may be discarded. When AGC is applied, a SCP to query originator message is sent to indicate that an overload condition exists.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.11 Line Information Data Base (LIDB) Service (Cont'd)

(N)

(C) Obligation of the Customer

The customer shall provide a LIDB Service Percent Interstate Usage (PIU) Report in accordance with Section 2.3.14(A)(6) preceding.

- The customer will use LIDB Service provided here under only for the purpose of validating alternative billing requests for telephone calls as described in 6.2.11(A) preceding.
- If in the Utility's reasonable opinion the LIDB information is used by a customer contrary to the terms and conditions as described in 6.2.11(B) and (C), the Utility will discontinue LIDB Service to that customer.

If the customer to LIDB Service is to offer validation service to other parties they must provide the identity of the secondary LIDB accessor ten (10) days prior to accessing LIDB.

If service is to be changed or disconnected, sixty (60) day's written notice to the Utility is required.

All direct or secondary LIDB accessors must provide both the actual calling number and the actual called number associated with the ABS call in progress for which billing number validation is being performed. This information will be safeguarded by the Utility and used in the identification and analysis of potential alternate billing fraud.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard feature provided with the Feature Groups.

6.3.1 Common Switching

(A) Call Denial on Line or Hunt Group (CAD)

This screening option limits terminating Feature Group A calls to completion within the LATA where the Feature Group A line resides. InterLATA and international calls are blocked as well as calls which may potentially terminate outside the LATA. Block calls are:

- Operator-handled calls (0-, 00-, 0+, 011+ 01+)
- Calls to 950 NXX codes
- Calls to the 900 NPA
- Calls to 976 NXX code where technically feasible
- Calls to 101XXXX interLATA
- Calls to 959 NXX code

(T)

The call denial option allows call to terminate to any NXX within the LATA served by the FGA line that does not have a special charge associated with it. Calls are permitted to 611, 911, 70ZUM, 800 and 70/10D intraLATA toll.

Blocked calls are routed to a reorder tone or recorded announcement. This feature is provided in all Utility electronic end offices and, where available, in electromechanical end offices. This option is available with Feature Group A.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd) (T)

6.3.1 Common Switching (Cont'd) (T)

(B) Service Code Denial on Line or Hunt Group (SCD) (T)

This screening option disallows completion of terminating FGA calls to local directory assistance (411 and 555-1212 to service codes 611 and 911, and to local operator assistance (0- and 00-). Blocked calls are routed to a reorder tone or recorded announcement. This feature is provided in all Utility electronic end offices and where available, in electromechanical end offices. It is available with Feature Group A. This feature can not be provisioned on the same line along with Call Denial on Line or Hunt Group (CAD). (T)(L)

(C) Hunt Group Arrangement (HML/HTG) (T)

This option provides the ability to sequentially access one of two or more line-side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Utility end offices. It is available with Feature Group A. FGA services with different methods of providing off-hook supervisory signalling cannot be mixed in the same hunt group arrangement. (L)

(L) Formerly in different form on Sheet 177.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(D) Uniform Call Distribution Arrangement (UCD)

This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available, this feature is provided in the Utility electronic end offices only. It is available with Feature Group A.

(E) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement (NHN)

This option provides an arrangement for an individual line within a multiline hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is provided in the Utility electronic end offices only. It is available with Feature Group A.

(F) Automatic Number Identification (ANI)

This option provides the automatic transmission of a three, seven or ten digit number and information digits to the customer's premises for calls originating in the LATA, to identify the calling station where possible on at a minimum, the NPA from which the call originated the three, seven and ten digit numbers contain the following information: three digits NPA only; seven digits NXX+XXXX; and ten digits, NPA+NXX+XXXX. The ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission paths in a trunk group routed directly between an end office and a customer's premises or, where technically feasible, with (2) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a customer's premises.

(T)
(N)
|
(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(F) Automatic Number Identification (ANI) (Cont'd)

The seven-digit ANI telephone number is available with Feature Groups B and C. Technical limitations may exist in the Utility's switching facilities which require ANI to be provided only on a directly trunked basis. Where direct trunking would not have been provided except as required by the provision of ANI, additional charges will apply for Provision of Other-Than-Utility-Selected Traffic Routing, as set forth in 6.8.2(B) following. ANI will be transmitted on all calls except those originating from multiparty lines, coin stations and coinless pay telephones, using Feature Group B, or when an ANI failure has occurred.

With Feature Group C, ANI is provided from end offices at which Utility recording for End User billing is not provided, or where it is not required, as with 800 service. It is not provided from end offices for which the Utility needs to forward ANI to its recording equipment.

(D)

(D)

Generally, the ten digit ANI telephone number is available with Feature Group D and 800 Access Service. The ten digit ANI number will be transmitted on all calls except those where ANI cannot be provided because the conditions set forth in (1) through (6) following exist or those from end offices not equipped to provide ANI. In these instances, only the three digit ANI and the information digits described in (1) through (6) following, if applicable, will be transmitted.

(N)

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(F) Automatic Number Identification (ANI) (Cont'd)

Additionally, when the customer has order the 800 to POTS Number Translation, information digits which identify the call as an 800 call will be forwarded to the customer premises in addition to the ten digit POTS number. These information digits will also replace the information digits which identify the condition set forth in (1) through (6) following when a POTS number is delivered to the customer premises.

Where ANI cannot be provided, e.g., on calls from 4- and 8-party services, information digits will be provided to the customer.

The information digits supply information such as:

(1) telephone number is the station billing number - no special treatment required, (2) multiparty line - telephone number is a 4- or 8-party line and cannot be identified - number must be obtained via an operator or in some other manner, (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner, (4) hotel/motel originated call which requires room number identification, (5) public semi-public screened services, hospital, etc. call which requires special screening or handling by the customer, and (6) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party. These ANI information digits are available with Feature Groups B, C, D, 800 and 900 Access Services.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(G) Up-to-7-Digit Outpulsing of Access Digits to Customer (USDO)

This option provides for the end office capability of providing up to 7-digits of the uniform access code (950-0XXX or 950-1XXX) to the customer premises. The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the customer premises using multi-frequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. It is available with Feature Group B.

(H) Cut-Through (CTO)

This option allows end users of the customer to reach the customer's premises by using the end of dialing digit (#). This option provides for connection of the call to the premises of the customer of the call to the premises of the customer indicated by the 101XXXX code upon receipt of the end of dialing digit (#). The Utility will not record any other dialed digits for these calls. This option is available with Feature Group D.

(T)

(I) Revertive-Pulse Address Signaling (ADSRP)

This option provides for a dc pulsing arrangement that transmits intelligence in the following manner:

- (1) The equipment at the originating location presets itself to represent the number of pulses required and to count the pulses received from the terminating location.
- (2) The equipment at the terminating location transmits a series of pulses by the momentary grounding of its battery supply until the originating location breaks the dc path to indicate that the required number of pulses has been counted.

This option is available with Feature Group C.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd) (T)

6.3.1 Common Switching (Cont'd) (T)

(J) Delay-Dial Start-Pulsing Signaling (DDSP) (T)

This option provides a method of indicating to the near end trunk circuit readiness to accept address signaling information by the far end trunk circuit. Delay dial is often referred to as an off-hook, on hook signaling sequence. The delay dial signal is the off-hook interval and the start-pulsing signal is the on-hook interval. With integrity check, the calling office will not outpulse until a delay-dial (off-hook) signal followed by a start-pulsing (on-hook) signal has been identified at the calling office. This option is available with Feature Group C. (N) | (N)

(K) Immediate-Dial-Pulse Address Signaling (ADS IDP) (T)

This option provides for the forwarding of dial pulses from the Utility end office to the customer without the need of a start-pulsing signal from the customer. It is available with Feature Group C.

(L) Dial-Pulse Address Signaling (ADS DP) (T)

This trunk-side option provides for the transmission of number information, e.g., called number, between the end office switching system and the customer's premises (in either direction) by means of direct current pulses. It is available with Feature Group C.

(M) Panel-Call-Indicator Address Signaling (ADS PCI) (T)

This option provides a dc pulsing arrangement in which each digit is transmitted as a series of four marginal and polarized impulses. It is available with Feature Group C.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(N) Service Class Routing (SCRT)

This option provides the capability of directing originating traffic from an end office to a trunk group to a customer-designated premises, based on the line class of service (e.g., coin, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+, 01+ or 011+) or service access code (e.g., 500, 800 or 900). It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups C and D, 500, 800 and 900 Access Service. (C)

Service Class Routing may be used with the option Tandem Access Sectorization, when the customer's originating FGD type service is routed to a specific EAT trunk group that is terminated in the same wire center that serves the originating sector and the designated premises. (C)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(0) Alternate Traffic Routing (ARTG) and (EARTG)

(1) Multiple Premises Alternate Routing (ARTG)

This option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer-designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to the same or a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups B, C, D, 800 and 900 Access Service. (N)

(2) End Office Alternate Routing When Ordered in Trunks (EARTG)

This option provides an alternate routing arrangement for customers who order originating traffic in trunks and these trunks serve an end office via two routes: one route via an access tandem and one direct route. The feature allows the customer originating traffic from the end office to be offered first to the direct trunk group and then overflow to the access tandem group. It is provided in suitably equipped end offices and is available with Feature Groups B, C and D.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(P) Trunk Access Limitation (CHOK)

This option provides for the routing of originating 900 service calls to a specified number of transmission paths in a trunk group, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which could not be completed over the subset of transmission paths in the trunk group, i.e., the choked calls, would be routed to reorder tone. It is provided in all the Utility electronic end offices and where available in electromechanical end offices. It is available with Feature Groups C and D. Either Trunk Access Limitation or Call Gapping Arrangement, 6.3.1(Q), following should be used with originating 900 Service where a concentrated high volume of 900 Calling expected. The Utility is will work cooperatively with the customer to determine when such options may be necessary.

(N)
|
(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(Q) Call Gapping Arrangement (CGAP)

This option, provided in suitably equipped end office switches, provides for the routing of originating calls to 900 service to be switched in the end office to all transmission paths in a trunk group at a prescribed rate of flow, e.g., one call every five seconds, in order to limit (choke) the completion of such traffic to the customer. This option is activated at the request of the customer during normal business hours i.e., 8:00 a.m. to 5:00 p.m. In addition, this option may be activated for no longer than a 24 hour period. Calls to the designated) service which are denied access by this feature, i.e., the choked calls, would be routed to a no-circuit announcement. It is provided in selected Feature Group D equipped end offices and is available only with Feature Group D. Either Trunk Access Limitation, 6.3.1(P), preceding, or Call Gapping Arrangement should be used with originating 900 Service where a concentrated high volume of 900 Calling is expected. The Utility will work cooperatively with the customer to determine when such options may be necessary.

(R) International Carrier Option (INCO)

This option allows for Feature Group D end offices or access tandem switches equipped for International Direct Distance Dialing to be arranged to forward the international calls of one or more international carriers to the customer (i.e., the Utility is able to route originating international calls to a customer other than the one designated by the end user either through presubscription or 101XXXX dialing). This arrangement requires provision of written verification to the Utility that the customer is authorized to forward such calls. The written verifications must be in the form of a letter of agency authorizing the customer to order the option is on behalf of the international carrier. This option is only provided at the Utility end offices or access tandems equipped for International Direct Distance Dialing. It is available with Feature Group D.

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(S) Band Advance Arrangement for Use with WATS Access Line Service (BAAD)* #

This option, which is provided in association with two or more WATS Access Line Services, provides for the automatic overflow of terminating calls to a WATS Access Line Service group, when that group has exceeded its call capacity, to another WATS Access Line Service group with a band designation equal to or greater than that of the overflowing WATS Access Line Service group. Band Advance will only be provided from one WATS Access Line Service group to another WATS Access Line Service group of the same interexchange carrier. This arrangement does not provide for call overflow from a group with a higher band designation to one with a lower one. This option is available with Feature Groups C and D for WATS Access Line Service.

* This optional feature is not available with unbanded service, such as UWAL
Frozen/Grandfathered WATS and 2-WAY WATS Service - See General Regulations, Schedule Cal.P.U.C. No. A2.1.2,A.4. Effective with Advice Letter No. 18345. Service to be withdrawn effective November 30, 1997. (T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(T) End Office End User Line Service Screening for Use with
Originating Only WATS Access Line Service (BAND)

This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and/or NXX on the basis of geographical bands selected by the Utility) which is in accordance with that end user's service agreement with the customer, e.g., WATS. This option is provided in all Utility electronic end offices and, where available, in electromechanical end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D and in conjunction with a nonchargeable WATS Access Line Extension as set forth in 7.2.3 following. (T)

(U) Hunt Group Arrangement for Use With WATS Access Line
Service and Universal WATS Access Line Service (HML HTG)

This option provides the ability to sequentially access one of two or more WATS Access Line Services or Universal WATS Access Line Services (e.g., 800 Service access lines) in the terminating direction, when the hunting number of the WATS Access Line or Universal WATS Access Line Service group is forwarded from the customer to the Utility. This feature is provided in all Utility end offices in which WATS Access Line Service or Universal WATS Access Line Service is provided. It is available with Feature Groups A, B, C and D.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

(T)

6.3.1 Common Switching (Cont'd)

(T)

- (V) Uniform Call Distribution Arrangement for Use with WATS Access Line Service and Universal WATS Access Line Service (HYT UD)

(T)

(T)

This option provides a type of multiple hunting arrangement which provides for an even distribution of terminating calls among the available WATS Access Line Services or Universal WATS Access Line Services in the hunt group. Where available, this feature is only provided in Utility electronic end offices in which WATS Access Line Service or Universal WATS Access Line Service is provided. It is available with Feature Groups A, B, C and D.

(L)

(L)

(T)

- (W) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service or Universal WATS Access Line Service (NHN)

(T)

This option provides an arrangement for an individual WATS Access Line Service or Universal WATS Access Line Service within a multiline hunt or uniform call distribution group that provides access to that WATS Access Line Service or Universal WATS Access Line Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in Utility electronic end offices in which WATS Access Line Service or Universal WATS Access Line Service is provided. It is available with Feature Groups C and D for WATS Access Line Service and with Feature Group D for Universal WATS Access Line Service.

(L) Formerly in different form on Sheet 185.
Material omitted now on Sheet 185-A-1.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(X) Public Switched Digital Service Access (PSDS)

This option allows for a connection between the customer's premises and a suitably equipped end user's premises utilizing end office switching capable of transmitting 56 Kbps digital data. In the originating direction, end users at suitably equipped end user premises can activate the capability in the end office switch by dialing #56 + 101XXXX + seven or ten digits or, when presubscribed to a participating interexchange carrier, #56 + 1 + seven or ten digits. In the terminating direction, the end office switch will signal the called party to place the terminal equipment in the digital mode. PSDS Access is only available with FGD and is only available in selectively equipped electronic end offices. Applicable rates can be found in 6.8.7 following. PSDS switching capability must be separately ordered from the appropriate Utility IntraLATA tariff, Schedule Cal.P.U.C. No. A17.

(T)

(Z) Tandem Access Sectorization (TAS)

Tandem Access Sectorization is an optional feature available to customers whose originating traffic is routed through an Equal Access Tandem (EAT). TAS provides customers a method of directing FGD traffic via an EAT to a maximum of four specific customer premises designated by the customer. A more detailed description of TAS is provided in 6.7.3 following.

(AA) LATA-Wide Terminating Access

This option for FGB traffic is available in LATAs that have more than one Utility tandem. LATA-Wide Terminating Access allows the customer to route their terminating traffic to a Utility-designated tandem for access to NXX codes served by end offices that subtend Utility tandems in the LATA. Terminating traffic outside of the Utility-designated entry tandem serving area would be routed over common transport trunk groups to the tandem serving the called area for completion. Utility-designated tandems are: LATA 1- SNFCCA2143T, LATA 2- RDNGCA0225T, LATA 5- LSANCA0470T, LATA 6- SNDGCA0291T.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.2 Transport Termination

(A) Rotary-Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the customer premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B, only on a directly trunked basis. When direct trunking would not have been provided except as required by the provision of rotary-dial station signaling, additional charges will apply for the Provision of Other-Than-Utility-Selected Traffic Routing, as set forth in 6.8.2(B) following.

(B) Operator Trunks - Modified Operator Services (MOS) (T)
- Coin, Non-Coin, or Combined Coin and-Non-Coin

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available only with Feature Group C and is provided in electronic end offices and other Utility end offices where equipment is available. It is provided as a trunk type of Transport Termination. When this feature may, because of technical limitations, only be provided on a directly trunked basis, and when direct trunking would not have been provided except as required by the provision of this feature, additional charges will apply for the Provision of Other-Than-Utility-Selected Traffic Routing, as set forth in 6.8.2(B) following.

Coin:

This arrangement provides for initial coin-return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating coin calls requiring operator assistance to the customer's premises. Because operator-assisted coin-calling traffic is routed over a trunk group dedicated to operator-assisted calls, this arrangement is only provided in association with the Service Class Routing option.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.2 Transport Termination (Cont'd)

(B) Operator Trunks - Modified Operator Services (MOS) (T)
- Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

Coin: (Cont'd)

The operator assistance coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, the trunk groups equipped with this arrangement will be terminated at the customer's specified location. (T)
|
(T)

Non-Coin:

This arrangement provides for the routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating non-coin calls requiring operator assistance to the customer's premises. Because operator-assisted non-coin-calling traffic is routed over a trunk group dedicated to operator-assisted calls this arrangement is only provided in association with the Service Class Routing option.

The operator assistance non-coin calling is also normally ordered by the customer in conjunction with the ANI optional feature, the trunk groups equipped with this arrangement will be terminated at the customer's specified location. When so equipped, the ANI feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room-number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and Utility. (T)
|
(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.2 Transport Termination (Cont'd)

(B) Operator Trunks - Modified Operator Services (MOS) (T)
- Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

Combined Coin and Non-Coin:

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating operator-assisted coin and non-coin calls requiring operator assistance to the customer's premises. Because operator-assisted coin and non-coin-calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

This arrangement is normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's specified location. When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room-number identification is required, or that special screening is required, e.g., for coinless pay telephone stations, dormitory or inmates, or other screening arrangements agreed to between the customer and the Utility. (T)

This option provides the operator functions available in the end office to the customer's specified location. These functions are (1) Operator Release, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, and (5) Ringback. It is available from the Telephone Company's equal access end office to the customer's specified location. (N)

Material omitted now on Sheet 188-A.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.2 Transport Termination (Cont'd)

(C) Operator Trunk - Exchange Operator Services System (C)
(EAOSS) (C)

This option provides the operator functions available (L)
in the end office to the customer's operator. These
functions are (1) Operator Released, (2) Operator
attached, (3) Coin Collect, (4) Coin Return, and (5)
Ring back. It is available with Feature Group D and is
provided as a trunk type of Transport Termination (L)
from the Utility coin tandem or direct from the equal (N)
access end office to the customer's specified location. (N)

(L) Formerly on Sheet 188.
Material omitted now on Sheet 188-A-1.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.3. WATS Access Line and Universal WATS Access Line Termination*

The WATS Access Line Terminations are differentiated by line side vs. trunk side terminations. The standard WATS Access Line Arrangement is available with a line side termination. There are various types of originating, terminating and two way line side terminations depending on the type of signaling associated with the WATS Access Line. (i.e., loop start or ground start). Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.

Available nonchargeable line side and trunk side terminations can be found in Technical Reference TR-NPL-000334.

In addition, there are also various types of originating, terminating and two way WATS Access Line trunk side terminations that are available in lieu of standard line side terminations. Trunk side terminations are provided only in association with digital (i.e., DS1) WATS Access Line Service or with certain Line Termination optional features as specified following:

(A) Line Termination Optional Features for Trunk-Side Connections

The Telephone Company will, at the option of the customer, provide the following line termination optional features in association with WATS Access Line Service and Universal WATS Access Line Service.

(1) E&M Supervisory Signaling

The E&M Supervisory Signaling optional feature, which is available with four-wire originating and terminating WATS Access Lines or two-way Universal WATS Access Lines, provides for E&M Type 1, Type 2 or Type 3 Supervisory Signaling in lieu of loop start or ground start Supervisory Signaling.

* Frozen/Grandfathered WATS and 2-WAY WATS Service - See General Regulations, Schedule Cal.P.U.C. No. A2.1.2,A.4. Effective with Advice Letter No. 18345. Service to be withdrawn effective November 30, 1997. (T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features

6.3.3 WATS Access Line and Universal WATS Access Line
Termination (Cont'd)*

(2) Dialed Number Identification Service (DNIS)

The Dialed Number Identification Service optional feature, which is available with terminating only WATS Access Lines or UWALS, permits a customer's End User with multiple 800 Service telephone numbers in the same service group to identify the specific 800 number which was dialed by the calling party. Four digits which identify the dialed 800 number are outpulsed to the customer premise equipment at the end user premises. The digits are outpulsed over the WATS Access Lines or Universal WATS Access Lines. All WATS Access Lines or Universal WATS Access Lines in the same service group must be equipped for DNIS. For each dialable 800 number there must be at least one WATS Access Line in the service group. DNIS is provided with reverse battery type supervisory signaling.

* Frozen/Grandfathered WATS and 2-WAY WATS Service - See General Regulations, Schedule Cal.P.U.C. No. A2.1.2,A.4. Effective with Advice Letter No. 18345. Service to be withdrawn effective November 30, 1997. (T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications

Each Switched Access Service transmission path is provided with a standard transmission specification. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the service arrangement, the Interface Group and whether the service is routed directly or via an access tandem. The available transmission specifications are set forth in Technical Reference TR-NPL-000334 and the Utility's Appendix to that publication. Acceptance limits, maintenance limits and immediate action limits are provided by either Technical Reference TR-NPL-000334 or the Utility's Appendix. Where conflicts are encountered, the Utility's standards apply. Where limits are specific to a particular facility, those limits apply to those facilities available and assigned to the customer for Access Service. (T)

Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Utility will, upon notification by the customer, that the data parameters set forth in Technical Reference TR-NPL-000334 are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the parameters are met. The testing will be charged for the rates set forth in 13.3.5(C)(1)(e) following for Nonscheduled Testing.

The Utility will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this tariff.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Utility

In addition to the obligations of the Utility set forth in 2. preceding, the Utility has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

6.5.1 Network Management

The Utility will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Utility's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Utility Network. The Utility maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively restrict the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be to minimize the impact of occurrences such as failure or overload of Utility or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Utility result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4. (B)(3) preceding.

(T)
|
(T)

Material omitted now in different form on Sheet 200-A.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Utility (Cont'd)

6.5.2 Design and Traffic Routing of Switched Access Service

The Utility shall design and determine the routing of Switched Access Service, including the selection of the first point of switching and the selection of facilities from the interface to any switching point and to the end offices where busy-hour minutes of capacity or trunks are ordered unless the customer orders the optional feature Provision of Other-Than-Utility-Selected Traffic Routing. The Utility shall also decide if capacity is to be provided by originating-only, terminating-only, or two-way trunk group unless the customer orders the optional feature Customer-Specification of Directionality. Finally, the Utility will decide whether trunk-side access will be provided through the use of two-wire or four-wire trunk terminating equipment. However, for Feature Group B the customer may order the optional feature Customer-Specification of Local Transport Termination. Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment and the Utility traffic routing plans.

For Feature Group A, the line directionality and traffic routing of the Switched Access Service between the customer's premises and the entry switch are determined by the customer's order for service.

6.5.3 Trunk Group Measurements Report

Subject to availability, the Utility will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

Charges as set forth in 13.3.8 following are applicable for customer requests for trunk group data reports (other than those provided at previously agreed to intervals) which require manual processes.

(N)
|
(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Utility (Cont'd)

6.5.4 Determination of Number of Transmission Paths

For Switched Access Service which is ordered on a per line basis, or on a per trunk basis, the customer specifies the number of transmission paths in the order of service. The Utility will determine the number of Switched Access Service transmission paths to be provided. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between a customer premises and a Utility location. The number of transmission paths provided shall be (T) the number required based on (1) the use of access tandem switches and end office switches, (2) the use of end office switches only, or (3) the use of access tandem switches only.

6.5.5 Determination of Number of End Office Transport Terminations

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches an equivalent termination will be provided for each transmission path provided.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Utility (Cont'd)

6.5.6 Design Blocking Probability

The Utility will design the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth in (A) through (D) following.

(A) For Feature Group A and B no design blocking criteria apply.

(B) For Feature Group C the design blocking objective will be no greater than one percent (.01) between the Utility's local loop demarcation point at the customer premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Utility to determine the number of transmission paths required to achieve this level of blocking.

(C) For Feature Group D, the design blocking objective for the final group will be no greater than one percent (.01) between the Utility's local loop demarcation point of termination at the customer's premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods as set forth in reference document (Technical Reference PUB TR EOP - 000178 Trunk Traffic Engineering Concepts and Applications (Chapter 6_-7) will be used by the Utility to determine the number of transmission paths required to achieve this level of blocking.

(D) For Entrance Facilities no design blocking criteria apply. For Direct Trunked transport used in provision of Feature Groups A and B, no design blocking criteria apply. For Direct Trunked transport used in provision of Feature Group D, the design blocking objective is the same as for the Feature Group D using the facility. For Tandem Switched Facility, the design blocking objective is the same as for the Feature Group using the facility.

(N)
|
(N)

Material omitted now on Sheet 202-A.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Utility (Cont'd)

6.5.6 Design Blocking Probability (Cont'd)

(E) The design blocking criteria for 800 Access Service provided from an end office not equipped with equal access capabilities will be equivalent to that set forth preceding for Feature Group C except when more than one tandem is employed in the transport of an 800 Access Service call. The design blocking criteria for 500, 800 or 900 Access Service provided from an end office equipped with equal access capabilities will be equivalent to that set forth preceding for Feature Group D except when more than one tandem is employed in the transport of an 500, 800 or 900 Access Service call. For 900 Access Service, where trunk access limitation as set forth in 6.3.1(p) is applicable, design blocking criteria does not apply. (T)(L)

(F) The Utility will perform routine measurement functions for the capacity ordered to assure that an adequate number of transmission paths are in service. The Utility will recommend that additional capacity (i.e., trunks) be ordered by the customer when additional paths are required to reduce the measured blocking level. For Feature Group C or D capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables. (T)(T)(T)

(1) For transmission paths carrying only first routed traffic directly between an end office and a customer's premise without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

(L) Formerly on Sheet 202.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Utility (Cont'd)

6.5.6 Design Blocking Probability (Cont'd)

(F) (Cont'd)

(T)

(1) (Cont'd)

Engineering Objective = 1% Blocking
 Measured Blocking Thresholds
 in the Time-Consistent Busy Hour

Number of
 Transmission Paths
 Per Trunk Group

	Per Trunk Group			
	<u>15-20 of Valid Data</u>	<u>11-14 of Valid Data</u>	<u>7-10 of Valid Data</u>	<u>3-6 of Valid Data</u>
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

(2) For transmission paths carrying first-routed traffic between an end office and an access tandem, or between an access tandem and customer premises, the measured blocking thresholds are as follows:

Engineering Objective = 1% Blocking
 Measured Blocking Thresholds
 in the Time-Consistent Busy Hour

Number of
 Transmission Paths
 Per Trunk Group

	Per Trunk Group			
	<u>15-20 of Valid Data</u>	<u>11-14 of Valid Data</u>	<u>7-10 of Valid Data</u>	<u>3-6 of Valid Data</u>
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Utility (Cont'd)

6.5.7 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Utility through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information, on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage, failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.5.8 Operator Transfer Service

Upon customer request, the Utility will provide a list identifying Operator Services Systems locations for use with Operator Transfer Service as specified in 6.1.3(A)(8)(c), preceding. Additionally, the Utility will define the service area of its Operator Service System and will identify the signaling capability of end offices in the serving area.

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer

In addition to the obligations of the customer set forth in 2. preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

6.6.1 Report Requirements

Customers are responsible for providing the following reports to the Utility, when applicable.

(A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.14 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth in 2.3.15 preceding.

(B) 900 Access Service Code Reports

(T)
(D)

When ordering 900 Access Service the customer must report the appropriate NXX codes to be instituted. The report must be updated by the customer each time a change is scheduled to occur, i.e., when a new code is to be added or an existing code is to be deleted. Such reports shall be provided according to negotiated service intervals in order to allow the Utility sufficient time to implement the change.

(T)

(C) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer (Cont'd)

6.6.1 Report Requirements (Cont'd)

(D) Substantial Call Volume 900 Services

When a customer offers services for which a substantial call volume is expected during a short period of time (e.g. media stimulated events) the customer must notify the Utility at least 24 hours in advance of each peak period. For events scheduled during weekends or holidays, the Utility must be notified no later than 5:00 p.m. local time the prior business day. Notification should include the nature, time, duration and frequency of the event, an estimated call volume, and the 900 NXX line number(s) to be used.

On the basis of the information provided, the Utility will work cooperatively with the customer to implement network management controls if required to reduce the probability of excessive network congestion. The Utility will also work cooperatively with the customer to determine the appropriate level of such control.

Failure to provide prescribed notification may result in customer caused network congestion, which could result in discontinuation of service under section 2.1.8 and/or damages under paragraph 2.3.1.

(N)

(N)

6.6.2 Supervisory Signaling

The customer facilities shall provide the necessary on-hook, off-hook answer and disconnect supervision.

6.6.3 Trunk Group Measurements Reports

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Utility. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer (Cont'd)

6.6.4 Design of Switched Access Services

When the customer orders Switched Access Service, it is the customer's responsibility to assure that sufficient access services have been ordered to handle its traffic.

(N)
|
(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access Service.

6.7.1 Description and Application of Rates and Charges

There are three types of rates and charges that apply to Switched Access Service. These are monthly recurring rates, (including fixed and per mile rates) usage rates (including fixed and per mile rates) and nonrecurring charges. These rates and charges are applied differently to the various rate elements and as set forth in (A), (B) and (C).

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. Access-minute charges are accumulated over a monthly period.

(D)
|
(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges

Nonrecurring charges are one time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, and service rearrangements.

(1) Installation of Service

Nonrecurring charges apply to each Switched Access service installed and will include charges for Entrance Facility and lines or trunks that traverse Direct Trunked Transport and Tandem Switched Transport. In addition, nonrecurring charges apply when an SS7 signaling Connection is installed for use with FGD or for LIDB Service.

- (a) For an Entrance Facility which is ordered on a per transport channel basis, the charge is applied per transport channel.
- (b) For Switched Access lines or trunks which traverse Direct Trunked Transport or Tandem Switched Transport, the nonrecurring charge is applied per transport channel transmission path.

For other optional features a nonrecurring charge applies per arrangement as shown in 6.8 following.

(N)

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(1) Installation of Service (Cont'd)

Certain Switched Access services have a first and additional nonrecurring charge rate structure that will be treated as follows: When multiple identical services (i.e., services between the same locations and for the same customer) are ordered and installed, moved or rearranged at the same time, there is a charge for the first service installed and a lower charge for each additional identical service installed.

The services for which first and additional nonrecurring charges apply and these rates are shown in 6.8 following.

(N)

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(2) Installation of Optional Features

Nonrecurring charges apply for the installation of the various optional features available with the Switched Access Service Local Transport and End Office rate categories as set forth in 6.8.2(B) and 6.8.3(A)(1) respectively, following. The other optional features are installed at no additional cost to the customer other than the cost of the basic service (per line or trunk nonrecurring charge) with which the features are associated. (T)

Chargeable End Office options are charged at either Initial (the option is ordered with the initial order for Switched Access Service) or Subsequent (the option is ordered after the initial order for Switched Access Service) nonrecurring rates. (N)

Material omitted now on Sheet 207-A.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements

Charges which are considered service rearrangements are as set forth in 5.2.8 preceding.

Administrative changes will be made without charge except as set forth in 5.2.8 preceding.

- If the change involves the addition of a modification to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.
- For all other Switched Access changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Switched Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transport channel, but rather for an entire transport channel group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

(T)
(T)
(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- Customers who order service rearrangements to redirect their traffic from direct to tandem routing for 800 Data Base Service, where the service is initially available only at the tandem, will not be charged a nonrecurring charge. In addition, when 800 Data Base Service becomes available at end offices subtending a tandem to which customers have redirected their 800 traffic, customers will be allowed to rearrange their 800 traffic from tandem to direct routing at no charge. Trunk rearrangement orders from direct to tandem routing received after June 1, 1993 will not be exempt from nonrecurring charges. All trunk rearrangement orders from tandem to direct routing must be received no later than six months after all end offices scheduled for conversion in an access tandem area have become 800 SSP-capable in order to be exempt from nonrecurring charges.

(4) 500 Access Service Charges

A nonrecurring charge is assessed when the customer activates or deactivates the first NXX per central office per order. Each additional NXX activation or deactivation per central office on the same order will have a nonrecurring charge.

(N)
|
(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates to Rate Elements

The following paragraphs set forth the Switched Access Service rate elements and how the rates are applied for the elements.

(1) Entrance Facilities

The Entrance Facility includes the charge for transport from a customer's serving wire center to the customer's premises. The rate is applied for a Voice Grade, DS1, DS3, DS3x3, or DS3x12 Transport Channel on a point of termination per month basis. The rate as set forth in 6.8.2(A) following applies for the selected Transport Channel per point of termination even if all the transmission paths on the selected Transport Channel are not activated. The DS3 Entrance Facility requires DS3 to DS1 multiplexing as set forth in 6.8.2(G)(2) following. Each DS3 channel of a DS3x3 or DS3x12 requires its own DS3 to DS1 multiplexer. Additionally, a DS1 to DS0/VG multiplexing chargeable optional feature is available as set forth in 6.8.2(G)(2) following.

(N)

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates to Rate Elements (Cont'd)

(2) Direct-Trunked Transport

Direct Trunked Transport includes the charge for transport from a customer's serving wire center to an end office for switching of a customer's originating and terminating traffic, a hub location for multiplexing or an Access Tandem for interconnection to Tandem Switched Transport to an end office(s). The rates are applied for a Voice Grade, DS1 and DS3 Transport Channel on a per month fixed and per month per mile basis. The mileage between the end office, hub or access tandem involved and the customer's serving wire center is determined as set forth in 6.7.13 following. The rates as set forth in 6.8.2(B) following apply for the selected Transport Channel even if all the transmission paths on the selected Transport Channel are not activated. DS3 Direct Trunked Transport requires DS3 to DS1 multiplexing as set forth in 6.8.2(G)(2) following. Additionally, a DS1 to DS0/VG multiplexing chargeable optional feature is available as set forth in 6.8.2(G)(2) following.

(N)

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates to Rate Elements (Cont'd)

(3) Tandem Switched Transport

(N)

Tandem Switched Transport includes charges for transport from end offices to the customer's serving wire center or from end offices to the access tandem when Direct Trunked transport is utilized from the tandem to the customer's serving wire center, and for Tandem Switching at the access tandem.

- (a) Tandem Switched Transport rates are applied on a per minute of use fixed and per minute of use per mile basis. The chargeable minutes of use for determining the charges are the minutes that are carried over the involved Tandem Switched Transport facilities. The mileage between the end office involved and the customer's serving wire center or access tandem is determined as set forth in 6.17.13 following. The rates are as set forth in 6.8.2(C) following.

Tandem Switched Transport may be provided over Direct Trunked Transport DS1 and DS3 Transport Channels. This provision is rated as set forth in (8) following.

- (b) Tandem Switching rates are applied on a per minute of use basis. The chargeable minutes of use for determining the charges are the minutes that are carried over the involved Tandem Switched Transport facilities. The chargeable minutes are determined as set forth in 6.7.8 following. The rates are as set forth in 6.8.2(C) following.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates to Rate Elements (Cont'd)

(4) Network Interconnection Charge

(N)

The Network Interconnection Charge rate is applied on a per minute of use basis. The chargeable minutes of use are the customer's total intrastate Switched Access minutes of use. The total intrastate Switched Access minutes of use are the sum of the Local Switching originating and terminating chargeable minutes. The Local Switching originating and terminating chargeable minutes are as set forth in 6.7.8 following. The rate is set forth in 6.8.2(D) following.

(5) Multiplexing

The Multiplexing rate applies when an Entrance Facility or Direct Trunked transport is multiplexed at a Telephone Company hub to a lower capacity (i.e., DS3 to DS1 or DS1 to DS0/VG). DS3 to DS1 multiplexing is required on a DS3 Entrance Facility or Direct Trunked transport. The Multiplexing rate is applied on a per Multiplexing arrangement basis. The rate as set forth in 6.8.2(G) following applies for the selected Multiplexing arrangement even if all the Multiplexing ports for the selected Multiplexing arrangement are not activated.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates to Rate Elements (Cont'd)

(6) Tandem Switched Transport provided over Direct Trunked Transport DS1 and DS3 Transport Channels

(N)

When Tandem Switched Transport is provided over Direct Trunked Transport DS1 and/or DS3 Transport Channels, the Direct Trunked Transport rates will be adjusted and the Tandem Switched Transport will be billed the per minute of use fixed and per minute of use per mile rates for all chargeable minutes as set forth in (3) preceding.

The Direct Trunked Transport transport channel per month fixed and per month per mile rates will be adjusted downward to account for the number of transmission paths provided for Tandem Switched Transport over the involved DS1 or DS3 transport channel. Direct Trunked Transport transport channel per month fixed and per month per mile rates will be adjusted downward by the ratio of the Tandem Switched Transport transmission paths to the total transmission paths of the involved Transport Channel (e.g., using a DS1 channel with 24 transmission paths, if 12 transmission paths were provided for Tandem Switched Transport, the ratio would be 12/24 and the adjustment would be 1/2 of the Direct Trunked Transport DS1 Transport Channel rate). The adjusted rate is then the per month fixed and per month per mile rate for the involved Direct Trunked Transport.

If additional Tandem Switched Transport transmission paths are added, a new ratio is developed and the rate adjusted downward. If Tandem Switched Transport transmission paths are removed, a new ratio is developed and the rate adjusted upward.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates to Rate Elements (Cont'd)

(7) Transport Application

(N)

An Entrance Facility or EISCC, and Direct Trunked Transport and/or Tandem Switched Transport is required for all Switched Access Service except when the customer directs its Switched Access Service over another customer's facility as set forth in 6.1.3(A) preceding.

The customer has the option of ordering (1) Direct Trunked transport from the customer's serving wire center to an access tandem with Tandem Switched transport from the access tandem to the end office(s) or (2) ordering Tandem switched transport from the customer's serving wire center to the end office(s) via an access tandem. Combinations of the two options described above are permitted at different access tandem locations. Additionally, the customer may order multiplexing associated with a DS3 or DS1 Entrance Facility or Direct Trunked transport in conjunction with either option described above.

The customer shall select whether Direct Trunked Transport or Tandem Switched Transport to an access Tandem shall be provided FGA Switched Access Service.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates to Rate Elements (Cont'd)

(7) Transport Application (Cont'd)

For FGA Switched Access Service, the customer shall select the first point of switching and Direct Trunked Transport will be provided to the selected first point of switching. In the terminating direction of FGA, calls which terminate to end offices other than the first point of switching will be provided over Tandem Switched Transport from the first point of switching to the terminating end office. Tandem Switched Transport rates per minute of use fixed and per minute of use per mile will apply. Tandem Switched Transport minutes are as set forth in 6.7.8 following. The chargeable minutes of use for determining the charges are the minutes that are carried over the involved Tandem Switched Transport facilities. The chargeable minutes are determined as set forth in 6.7.8 following. The mileage between the end office involved and the FGA first point of switching is determined as set forth in 6.7.13 following. Tandem Switching charges as set forth in 6.8.2(C)(2) following do not apply.

(N)

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.2

6.7.3 Tandem Access Sectorization (TAS)

(A) General

Tandem Access Sectorization is an optional feature available to customers whose originating traffic is routed through an Equal Access Tandem (EAT). TAS is only available for FGD services from the EATs specified in 6.7.3 (C) following. TAS provides customers a method of directing FGD traffic via an EAT to a maximum of four specific customer premises designated by the customer. For purposes of Tandem Access Sectorization "customer premise" means an interexchange carrier's point of presence.

(B) Tandem Access Sectorization Area (TASA)

The Utility has subdivided the EAT serving area into (a maximum of four) geographical grouping areas called Tandem Access Sectorization Areas which are defined by the Utility. Each TASA is treated as a unit and cannot be subdivided.

The TASAs are the same for all customers who purchase TAS. A customer with multiple customer premises within a LATA can designate to which customer premises all of the traffic from a specific TASA will be routed. In addition all originating traffic from a different TASA could be routed to the same or different customer premises as designated by the customer provided, however, that the Utility shall not be required to route traffic within a TASA to more than one customer premises. The TASAs are shown in 6.7.3 (C) following.

Common Switching Optional Features Service Class Routing and Alternate Traffic Routing can be used in conjunction with TAS if limited as specified in 6.3.1 (N) and 6.3.1 (O) preceding.

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(N)

(C) Equal Access Tandems and Sectors for Use with TAS*

(1) San Francisco (Tandem) LATA 1

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>	<u>Sector C</u>	<u>Sector D</u>
Colma	Burlingame	Half Moon	La Honda
Ignacio	Millbrae	Bay	Los Altos
Inverness	Pacifica	Moss Beach	Menlo Park
Larkspur	San Bruno	San Carlos	Mountain
Mill Valley		San Mateo	View
Nicasio			Palo Alto
Novato			Pescadero
Point Reyes			Redwood
San Francisco			City
San Geronimo			
San Rafael			
Sausalito			
Stinson Beach			
Tiburon			

(2) Eureka (Tandem) LATA 1

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>
Arcata	Bridgeville
Blue Lake	Fortuna
Eureka	Hydesville
McKinleyville	Loleta
Trinidad	Miranda
	Pepperwood
	Rio Dell
	Weott

* Non Equal Access Geographical areas are listed and will be included in the Multiple POP service when converted to Equal Access.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(N)

(C) Equal Access Tandems and Sectors for Use with TAS* (Cont'd)

(3) Oakland (Tandem) LATA 1

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>	<u>Sector C</u>	<u>Sector D</u>
Bishop Ranch	Fremont	Antioch	Alameda
Pleasanton	Hayward	Bethel	Albany
San Ramon	San Leandro	Island	Berkeley
Livermore	Union City	Brentwood	Oakland
Sunol		Concord	Richmond
		Clayton	
		Crockett	
		Danville	
		El Sobrante	
		Hercules	
		Lafayette	
		Martinez	
		Moraga	
		Oakley	
		Orinda	
		Pittsburg	
		Walnut Creek	

(4) Santa Clara (Tandem) LATA 1

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>	<u>Section C</u>
Aptos	Sunnyvale	Los Gatos
Aromas		San Martin
Santa Cruz		Milpitas
Watsonville		Morgan Hill
Boulder Creek		San Jose
Ben Lomond		Santa Clara
Felton		
Scotts Valley		

* Non Equal Access Geographical areas are listed and will be included in the Multiple POP service when converted to Equal Access.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(N)

(C) Equal Access Tandems and Sectors for Use with TAS* (Cont'd)

(5) Santa Rosa (Tandem) LATA 1

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>	<u>Sector C</u>	
Annapolis	Lake Berryessa	Benicia	Angwin
Boonville	Lakeport	Cordelia	Bodega Bay
Cobb Mountain	Lower Lake	Fairfield	Cotati
Clear Lake Oaks	Middletown	Suisun	Napa
Calistoga	Mendocino	Vacaville	Petaluma
Cloverdale	Monte Rio	Vallejo	Rohnert Park
Elk	Nice		Santa Rosa
Forestville	Occidental		Sebastopol
Fort Bragg	Point Arena		Sonoma
Gualala	Potter Valley		St. Helena
Guerneville	Ukiah		Tomaes
Geyserville	Upper Lake		Valley Ford
Healdsburg	Willits		
Hopland	Windsor		
Kelseyville			

(6) Chico (Tandem) LATA 2

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>	
Butte City	Orland	Biggs
Chico	Paradise	Blairsden
Corning	Paskenta	Bangor
Elk Creek	Red Bluff	Challenge
Gerber	Stonyford	Loyalton
Hamilton City	Vina	Oroville
Los Molinos	Willows	Portola
		Quincy
		Richvale
		Sierraville

* Non Equal Access Geographical areas are listed and will be included in the Multiple POP service when converted to Equal Access.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(N)

(C) Equal Access Tandems and Sectors for Use with TAS* (Cont'd)

(7) Redding (Tandem) LATA 2

Tandem Access Sectorization Areas

Sector A

Sector B

Anderson
Central Valley
Cottonwood
French Gulch
Lewiston
Redding
Shasta Lake

Dunsmuir
Grenada
Gazelle
Hornbrook
Montague
Mt. Shasta
Wee
Yreka

* Non Equal Access Geographical areas are listed and will be included in the Multiple POP service when converted to Equal Access.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(N)

(C) Equal Access Tandems and Sectors for Use with TAS* (Cont'd)

(8) Sacramento (Tandem) LATA 3

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>	<u>Sector C</u>	<u>Sector D</u>
Alleghany	Auburn	Clarksburg	Brockway
Beale	Dutch Flat	Courtland	Homewood
Camptonville	Georgetown	Davis	Soda Springs
Downieville	Kyburz	Dixon	South Tahoe
Grass Valley	Lincoln	Dunnigan	Tahoe City
Gridley	Loomis	Esparto	Truckee
Live Oak	Newcastle	Folsom	
Meridian	Placerville	Fair Oaks	
Marysville	Rocklin	Isleton	
Nevada City	Shingle Springs	McCellan	
North San Juan		Meadowview	
North Yuba		Nicolaus	
Smartsville		North Highlands	
Sierra City		North Sacramento	
Wheatland		Orangevale	
Yuba City		Pleasant Grove	
		Rio Linda	
		Rancho Murrieta	
		Sacramento	
		Woodland	
		Walnut Grove	
		Winters	
		West Sacramento	

* Non Equal Access Geographical areas are listed and will be included in the Multiple POP service when converted to Equal Access.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(N)

(C) Equal Access Tandems and Sectors for Use with TAS* (Cont'd)

(9) Fresno (Tandem) LATA 4

Tandem Access Sectorization Areas

Sector A

Sector B

Ash Mountain	Badger
Avenal	Biola
Coalinga	Burrel
Camp Nelson	Clovis
Dinuba	Caruthers
Dunlap	Del Rey
Goshen	Fresno
Hanford	Farmersville
Huron	Five Points
Ivanhoe	Fowler
Lemoore	Grant Grove
Lindsay	Kingsburg
Miramonte	Kerman
Orosi	Laton
Porterville	Madera
Pixley	Mendota
Springville	Orange Cove
Stratford	Parlier
Stratmore	Reedley
Three Rivers	Riverdale
Tipton	Selma
Terra Bella	Squaw Valley
Tulare	
Visalia	
Woodlake	

* Non Equal Access Geographical areas are listed and will be included in the Multiple POP service when converted to Equal Access.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(C) Equal Access Tandems and Sectors for Use with TAS (Cont'd) (T)

(10) Anaheim (Tandem) LATA 5

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>	<u>Sector C</u>	(T)	
Anaheim (01)	El Toro	Balboa		
Anaheim (12)	Laguna Niguel	Irvine		
Brea	Mission Viejo	Corona Del Mar		
Mountain Pass	Rancho Santa	Costa Mesa		
Needles	Margarita	Santa Ana		
Orange (11)	San Juan	Tustin		
Orange (13)	Capistrano			
Placentia	San Clemente			
Shoshone				
Silverado				
Yorba Linda				
				(T)

(D)
 (D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(C) Equal Access Tandems and Sectors for Use with TAS (Cont'd) (T)

(11) Gardena (Tandem) LATA 5

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>	<u>Sector C</u>
Culver City	Avalon	Bell
El Segundo	Compton	Hawthorne
Inglewood	Gardena	Huntington Park
Los Angeles (07)	Lomita	Los Angeles (05)
Paramount	Los Angeles (13)	
San Pedro	Los Angeles (34)	
Wilmington		

Sector D

Anaheim (11)
Buena Park (11)
Fullerton (01)
Garden Grove (01)
Orange (14)

(N)
|
(N)

(12) Los Angeles (Tandem) LATA 5

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>	<u>Sector C</u>	<u>Sector D</u>
Alhambra	Arcadia	Beverly Hills	South Gate
Burbank (11)	El Monte	Hollywood	
Glendale		Los Angeles	
La Canada			
Pasadena			
Rosemead			
San Gabriel			
South Pasadena			

(D)
(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(C) Equal Access Tandems and Sectors for Use with TAS (Cont'd) (T)

(13) Sherman Oaks (Tandem) LATA 5

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>	<u>Sector C</u>	<u>Sector D</u>
Fillmore	Agua Dulce	Agoura	West
Moorpark	Lake Hughes	Burbank	Los Angeles
Ojai	Lake	Canoga Park	
Oak View	Los Angeles	North	
Piru	Lancaster	Hollywood	
Saticoy	Leona Valley	Northridge	
Ventura	Little Rock	Reseda	
	Newhall	Sherman Oaks	
	Quartz Hill	Van Nuys	
	Palmdale		
	Simi		
	Solamint		

(D)
(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(C) Equal Access Tandems and Sectors for Use with TAS (Cont'd)

(T)

(14) San Diego (SNDG0290T) Tandem LATA 6

Tandem Access Sectorization Areas

Sector A

Alpine

(D)

El Cajon

(D)

Lakeside

Pacific

Beach

San Diego (03)

Sector D

Campo

Chula Vista

Calipatria

Calexico

Coronado

Coyote Wells

Dulsura

El Centro

Holtville

Imperial

Imperial Beach

Jacumba

La Mesa

Niland

National City

Pine Valley

San Diego

San Ysidro

(15) San Diego (SNDG0291T) Tandem LATA 6

Tandem Access Sectorization Areas

Sector A

La Jolla

San Diego (15)

San Diego (16)

Sector B

Camp Pendleton

Carlsbad

Encintas

Escondido

Fallbrook

Oceanside

Rancho Sante Fe

Pauma Valley (remote)

San Marco

Valley Center (remote)

Vista

Sector C

Borrego Springs (remote)

Del Mar

Poway

Ramona

Rancho Bernardo

Rancho Penasquitos

Warner Springs (remote)

(N)

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(C) Equal Access Tandems and Sectors for Use with TAS (Cont'd) (T)

(16) Bakersfield (Tandem) LATA 7 (T)

Tandem Access Sectorization Areas

Sector A

Sector B

Arvin	Bear Valley Springs
Bakersfield	Edwards
Delano	Mojave
Earlimart	Rosamond
Frazier Park	Tehachapi
Lamont	Walker Basin
Lebec	
Oildale	
Shafter	
Wasco	

(17) Salinas (Tandem) LATA 8 (T)

Tandem Access Sectorization Areas

Sector A

Sector B

Big Sur	Castroville
Carmel	Chualar
Carmel Valley	Gonzales
Marina	Greenfield
Monterey	Hollister
Seaside	King City
	Salinas
	Soledad
	San Ardo
	San Juan
	San Lucas
	Tres Pinos

(D)
(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(C) Equal Access Tandems and Sectors for Use with TAS (Cont'd) (T)

(18) Stockton (Tandem) LATA 9 (T)

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>	<u>Sector C</u>	<u>Sector D</u>
Bear Valley	Angels Camp	Atwater	Escalon
Galt	Arnold	Chowchilla	Gustine
Herald	Crows Landing	Coulterville	Hughson
Ione	Jamestown	Groveland	Knights Ferry
Jackson	Murphys	Legrand	La Grange
Lockford	Newman	Los Banos	Modesto
Lodi	Oakdale	Merced	
Milton	Pine Crest	Moccasin	
Mokelumne Hill	Riverbank	Planada	
Plymouth	Sonora	Wawona	
Stockton	Turlock	Yosemite	
San Andreas	Twain Harte		
Sutter Creek	Waterford		
Thornton			
Tracy			
Valley Springs			
Wallace			

(19) San Luis Obispo(Tandem) LATA 10 (T)

Tandem Access Sectorization Areas

<u>Sector A</u>	<u>Sector B</u>
Arroyo Grande	Atascadero
Avila Beach	Bradley
Baywood Park	Cambria
Morro Bay	Cayucos
Nipomo	Paso Robles
Pismo Beach	Santa Margarita
San Luis Obispo	Templeton

(D)
(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Tandem Access Sectorization (TAS) (Cont'd)

(C) Equal Access Tandems and Sectors for Use with TAS (Cont'd) (T)

(20) Riverside (Tandem) LATA 5 (N)

Tandem Access Sectorization Areas

Sector A

Colton
Baker 11 (remote)
Furnace Creek 11 (remote)
Fontana
Highland
Rialto

Sector B

Arlington
Corona
Pedley
Riverside

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

(D)

6.7.4 Minimum Period Charge

(N)

The Minimum Period Charge applies when the customer requests disconnect of Switched Access Service prior to the expiration of the thirty day minimum period.

The Minimum Period Charge consists of the following:

- (A) The Switched Transport Entrance Facility charges, Direct Trunked Transport charges, Switched Transport Multiplexor charges associated with Entrance Facility and Direct Trunked transport, Optional Features per month charges, as set forth in 6.8 following.
- (B) All usage sensitive rate elements, following, based on actual usage: Network Interconnection Charge, Switched Transport Tandem Switched Transport, Tandem Switching, Local Switching, 800 Data Base Service Customer Identification charge and Line Information Data Base (LIDB) Service, as set forth in 6.8 following.
- (C) Nonrecurring charges associated with the establishment of service, as set forth in 6.8.2 (E) following.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.5 Line Information Data Base (LIDB) Service

1(T)

(A) Description of Rates and Charges

There are two types of rates and charges that will apply to LIDB Service. These are usage rates and nonrecurring charges. These rates and charges are applied as set forth in (1) and (2) following.

(1) Usage Rates

The usage rates for LIDB service are applicable on a per query basis as described in Section 6.7.4 (B)(1) and (2) following. The usage rates are set forth in 6.8.11(B) and (C) following.

(2) Nonrecurring Charges

Nonrecurring charges apply for each request for establishment of an originating point code as described in 6.7.4(B)(3) following. The nonrecurring charges for the establishment of LIDB Service are set forth in Section 6.8.11(A) following.

(B) Application of Rates and Charges

Rates and charges for LIDB Service are applied as follows:

(1) LIDB Transport Charge

A usage rate applies to each LIDB query received at the Utility Service Central Point (SCP). Charges are accumulated over a bill round and are billed to the customer on a bill round basis.

1(T)

NOTE 1: Pending CPUC Approval of Advice Letter No. 17883.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.5 Line Information Data Base (LIDB) Service

1(T)

(B) Application of Rates and Charges (Cont'd)

(2) LIDB Query Charge

A usage rate applies to each LIDB query received at the Utility SCP. Charges are accumulated and billed to the customer on a bill round basis.

(3) LIDB Service Establishment Charge

A nonrecurring charge to be applied per originating point code, applies for the establishment of LIDB Service.

1(T)

NOTE 1: Pending CPUC Approval of Advice Letter No. 17883.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Change of Feature Group Type

Changes from one type of Feature Group to another will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply.

(D)

(L)

(T)(L)

(D)

(D)

(L) Formerly on Sheet 215.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

(D)

(D)

(D)

6.7.7 Reserved

(T)(L)

6.7.8 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Utility at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Utility to determine the basis for computing chargeable access minutes. In the event the customer message detail is not available due to lost or damaged tapes or incurred recording system outages, the Utility will estimate the volume of lost customer access minutes of use based on previously known values.

(L)

(L) Formerly on Sheet 216.
Material omitted now on Sheet 214-A.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

(D)

6.7.8 Measuring Access Minutes (Cont'd)

(D)

For Local Switching and Local Switching Optional Features usage based charges for terminating calls over FGA, FGB, 800 and FGD, and for originating calls over FGA where the off-hook supervisory signal is provided by the customer's equipment, FGB and FGD, the measured minutes are the chargeable access minutes. For Switched Transport Tandem Switched Transport and Tandem Switching usage based charges for terminating calls over FGB, 800 and FGD, and for originating calls over FGB and FGD, the measured minutes carried over the involved Switched Transport Tandem Switched Transport are the chargeable access minutes.

(N)

For Local Switching, and Local Switching Optional Features usage based charges for originating calls FGA and FGD with conventional signaling where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, the chargeable access minutes are derived from recorded minutes in the following manner. Also when determining Switched Transport Tandem Switched Transport and Tandem Switching usage based charges for originating calls over FGD with conventional signaling where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, the chargeable access minutes are derived in the following manner from recorded minutes carried over the involved Switched Transport Tandem Switched Transport.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

(D)
|
(D)

(L) Material omitted now on Sheet 215.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.8 Measuring Access Minutes (Cont'd)

- Step 1: Obtain recorded originating minutes and messages (measured as set forth in (A) and (C) following for FX/ONAL FGA and FGC, respectively) from the appropriate recording data.
- Step 2: Where measurement is not available obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR) are obtained for the major call categories such as DDD, operator, 800, 900, Directory Assistance and International from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgment from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts. (T)
- Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incompletd attempts. The total NCTA is the time on a completed attempt from customer acknowledgment of receipt of call to called party answer (set up and ringing) plus the time on an incompletd attempt from customer acknowledgment of call until the access tandem or end office receives a disconnect signal (ring - no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.8 Measuring Access Minutes (Cont'd)

Step 4: Obtain total chargeable originating access minutes by adding the total NCTA (obtained in Step 3) to the recorded originating measured minutes (obtained in Step 1). That is, Measured Minutes plus NCTA equals Chargeable Originating Access Minutes.

Following is an example which illustrates how the chargeable originating access minutes are derived from the measured originating minutes using this formula:

Where: Measured Minutes (M. Min.) = 7,000
Measured Messages (M. Mes.) = 1,000
Completion Ratio (CR) = .75
NCTA per Attempt = .4

$$(1) \text{ Total Attempts} = \frac{1,000(\text{M. Mes})}{.75 (\text{CR})} = 1,333.33$$

$$(2) \text{ Total NCTA} = .4 (\text{NCTA per Attempt}) \times 1,333.33 = 533.33$$

$$(3) \text{ Total Chargeable Originating Access Minutes} = 7,000(\text{M. Min}) + 533.33(\text{NCTA}) = 7,533.33$$

When assumed minutes are used, the assumed minutes are the chargeable access minutes.

FGA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. (T)
FGB, FGC and FGD access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office. (T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.8 Measuring Access Minutes (Cont'd)

Assumed minutes are used for FGA service which originate or terminate in end offices not equipped with measurement capabilities. (T)

The assumed average access minutes used for services originating or terminating in end offices where measurement capability is not available are as set forth in 3.7(C).

(A) Feature Group A Usage Measurement

For originating calls over FGA, usage measurement begins when the originating FGA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination. This off-hook signal is either provided by the customer's equipment or is forwarded by the customer's equipment when the called party answers. (T)

The measurement of originating call usage over FGA ends when the originating FGA entry switch receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch. (T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.8 Measuring Access Minutes (Cont'd)

(A) Feature Group A Usage Measurement (Cont'd)

(N)

For terminating calls over FGA, usage measurement begins when the terminating FGA entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over FGA ends when the terminating FGA entry switch receives an on-hook supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(B) Feature Group B Usage Measurement

For originating calls over FGB, usage measurement begins when the originating FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

The measurement of originating call usage over FGB ends when the originating FGB entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGB, usage measurement begins when the terminating FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.8 Measuring Access Minutes (Cont'd)

(B) Feature Group B Usage Measurement (Cont'd)

The measurement of terminating call usage over FGB ends when the terminating FGB entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(C) Feature Group C Usage Measurement

For originating calls over FGC, usage measurement begins when the originating FGC entry switch receives answer supervision from the customer's point of termination, indicating the called party has answered.

The measurement of originating call usage over FGC ends when the originating FGC entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGC to services other than 800 six digit or Directory Assistance, terminating FGC usage is not directly measured at the terminating entry switch, but is imputed from originating usage, excluding usage from calls to six digit 800, or Directory Assistance Services. Actual measured usage will be used where available rather than on imputed value. (T) (T)

For terminating calls over FGC to six digit 800 Access, usage measurement begins when the terminating FGC entry switch receives answer supervision from the terminating end user's end office, indicating the terminating six digit 800 Access Service end user has answered. (T) (T) (T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.8 Measuring Access Minutes (Cont'd)

(C) Feature Group C Usage Measurement (Cont'd)

The measurement of terminating call usage over FGC to six digit 800 Access service ends when the terminating FG Centry switch receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating six digit 800 Service end user has disconnected, or from the customer's point of termination, whichever is recognized first by the entry switch.

(D) Feature Group D Usage Measurement

For originating calls over FGD, usage measurement begins when the originating FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination.

The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating call over FGD, the measurement of access minutes begins when the terminating FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD ends when the terminating FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For purposes of assessing the Operator Transfer Service Charge as specified in 6.8.2(D)(1) following, a call is considered transferred when the Utility Operator activates the switch transferring the call to the designated customer. (N)
|
(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.9

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.9

6.7.10 Application of Rates for Feature Group A Extension Service

Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different LATA. Feature Group A extensions within the LATA are provided and charged for under the Utility's local and/or general exchange service tariffs. Extensions in different LATAs are provided and charged for as Special Access Service. The rate elements which apply are: A Voice Grade Channel Termination, Channel Mileage, if applicable and signaling capability, if applicable. All appropriate monthly rates and nonrecurring charges set forth in 7.5.3 following will apply. Such extensions are ordered as set forth in 5.2 preceding.

(T)
|
(T)

6.7.11 Message Unit Credit

Calls from End Users to the seven-digit local telephone numbers associated with Feature Group A Switched Access Service are subject to Utility local and/or general exchange service tariff charges, (including message unit and toll charges as applicable). The monthly bills rendered to customer's for their Feature Group A Switched Access Service will include a credit to reflect any message unit charges collected

(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.11 Message Unit Credit (Cont'd)

from their end user's under the Utility's local and/or general exchange service tariffs. The credit will apply for recorded originating usage or for assumed originating usage, as appropriate for the FGA service provided. When the credit is applied on assumed usage, such credit will not exceed the assumed levels of usage set forth in 6.7.8 preceding. No credit will apply for any terminating FGA access minutes. The message unit credit for originating access minutes is as set forth in 6.8.6 following.

6.7.12 Community Information Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 6.8 following. In addition, the charges per call as specified under the Utility's local and/or general exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, will also apply.

6.7.13 Mileage Measurement

The mileage to be used to determine the distance sensitive portion of the Switched Transport rate is calculated on the airline distance between the end office switch where the call carried by Switched Transport originates or terminates and the customer's serving wire center, except as set forth in(A) through (G) following. The V&H coordinates method is used to determine mileage. This method is set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF, INC. F.C.C. NO. 4 for Wire Center Information (V&H coordinates).

To determine the rate to be billed, compute the mileage using the V&H coordinates method, and apply to the rate shown in 6.8.2 following. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates.

(N)

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.13 Mileage Measurement

(T)

Exceptions to the mileage measurement rules are as follows:

(N)

- (A) Mileage for Direct-Trunked Transport for Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H coordinates method, between the end office switch where the Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided.

In addition, mileage in the terminating direction for Feature Group A Switched Access Service access minutes which terminate at an end office other than the end office switch where the Feature Group A switching dial tone is provided, will be calculated on an airline basis, using the V&H coordinates method, between the end office switch where the access minutes terminate and the end office switch where the Feature Group A switching dial tone is provided. Tandem Switched transport per minute of use fixed and per minute of use per mile charges will be billed for these access minutes (excluding Tandem Switching).

- (B) When the Alternate Traffic Routing optional feature is provided with Feature Groups B and D to provide service from an end office to different customer premises locations, usage rated Tandem Switched Transport access minutes will be apportioned between the two transmission routes used to provide this feature. For Feature Group B, such apportionment will be made using standard Utility traffic engineering methodology and will be based on the last trunk CCS desired for the high usage group, as described in 6.3.1 preceding, and the relative capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch. For Feature Group D, the Tandem Switched transport mileage calculation will be based on the actual measured data which is recorded against the specific trunk group that carried a particular call. The customer will be billed accordingly.

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.13 Mileage Measurement (Cont'd)

(C) Switched Transport mileage for access minutes originating from or terminating at a remote switching system or module (RSS or RSM) will be calculated on an airline basis between the customer premises serving wire center and the end office switch that serves as the host office and from the host office to the remote office serving the customer. (N)

(D) When terminating Feature Group B Switched Access Service is provided from multiple customer's premises to an end office not equipped with measurement capabilities, the total Tandem Switched Transport access minutes for the end office will be apportioned among the trunk groups accessing the end office on the basis of the individual capacity, i.e., trunks ordered for each of those trunk groups. This apportionment will serve as the basis for Tandem Switched Transport mileage calculations.

(E) Where measurement capability does not exist and/or end office specific usage data is not available, FGA terminating usage will be apportioned among the end offices in the access area of the entry switch to which the service is provided, as described following. The usage to be apportioned will be the recorded usage or the assumed usage as set forth in 6.7.8 preceding.

Such apportionment will be based on the ratio of the number of subscriber lines served by each end office in the access area to the total number of subscriber lines in the access area. The ratio thus developed is applied to the total FGA terminating usage.

Tandem Switched transport mileage for the access minutes apportioned in this manner will be calculated on an airline basis, using the V&H coordinates method between each end office to which minutes have been apportioned and the end office switch where the FGA switching dial tone is provided. (N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.13 Mileage Measurement (Cont'd)

(F) The Switched Transport mileage for access minutes which originate from or terminate to a WATS Access Line, except as set forth following, will be calculated on an airline basis, using the V&H coordinates method, between the WATS serving office at which the WATS Access Line terminates and the customer premises serving wire center for the Switched Access Service provided.

(N)

When FGA usage originating from or terminating to a WATS Access Line Service is transported over an FGA line for which assumed minutes of use are billed, the Switched Transport Mileage for such usage will be calculated in accordance with (A) or (E) preceding as appropriate.

(G) The Switched Transport mileage for access minutes which originate from or terminate to a Radio Common Carrier's Type 2A Interconnection will be calculated on an airline basis, using the V&H coordinates method, between the wire center serving the RCC's point of interface and the interexchange carrier's point of presence serving wire center.

(N)

6.7.14 Reserved

(T)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.15 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same analog or digital high capacity service through a common interface. The regulations governing the provision of Shared Use Facilities is set forth in 7.4.8 following. Switched access rates and charges as set forth in 6.8 following will apply for each channel of the high capacity facility that is used to provide Switched Access Service.

6.7.16 Reserved

(T)

6.7.17 Reserved

(T)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations

6.7.17 Reserved

(T)

(D)

(D)

(D)
Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations

6.7.17 Reserved

(T)

(D)

(D)

(D)
Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

(N)

6.8 Rate and Charges (Cont'd)

6.8.1 Reserved

(N)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport

(A) Entrance Facilities (Per Point of Termination)

	<u>USOC</u>	<u>Zone</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
				<u>1st</u>	<u>Add'l</u>
(1) Voice Grade					
2-wire	TSW2X	1	\$28.37 (R)	\$ 000.00	\$ 000.00
2-wire	TSW2X	2	28.37	000.00	000.00
2-wire	TSW2X	3	28.37	000.00	000.00
4-wire	TSW4X	1	41.61	000.00	000.00
4-wire	TSW4X	2	41.61	000.00	000.00
4-wire	TSW4X	3	41.61	000.00	000.00
(2) DS1					
	TMESW	1	117.28	599.16 (R)	283.74 (R)
	TMESW	2	127.68	599.16	283.74
	TMESW	3	137.14 (R)	599.16 (R)	283.74 (R)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

(A) Entrance Facilities (Per Point of Termination) (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(3) Month-to-Month			
- Fiber Advantage sm DS3 with Terminal Equipment			
Zone 1	Z3MSW	\$2,364.48 (R)	\$29,319.49 (R)
Zone 2	Z3MSW	2,364.48	29,319.49
Zone 3	Z3MSW	2,364.48	29,319.49
- Fiber Advantage sm DS3 without Terminal Equipment			
Zone 1	Z0MSW	1,560.55	20,003.46
Zone 2	Z0MSW	1,560.55	20,003.46
Zone 3	Z0MSW	1,560.55	20,003.46
- Fiber Advantage sm DS3x3 with Terminal Equipment			
Zone 1	Z3MSW	7,148.28	53,153.40
Zone 2	Z3MSW	7,148.28	53,153.40
Zone 3	Z3MSW	7,148.28	53,153.40
- Fiber Advantage sm DS3x3 without Terminal Equipment			
Zone 1	Z0MSW	4,406.44	40,858.13
Zone 2	Z0MSW	4,406.44	40,858.13
Zone 3	Z0MSW	4,406.44 (R)	40,858.13 (R)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

(A) Entrance Facilities (Per Point of Termination) (Cont'd)

(4) Fiber AdvantageSM DS3 and DS3x3 Rate Stability Payment Plan (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(a) <u>1 Year Plan</u>				
- Fiber Advantage SM DS3 with Terminal Equipment				
Zone 1	Z3MSW/Z31SW	\$2,364.48	\$2,837.37	(T)
Zone 2	Z3MSW/Z31SW	2,364.48	3,073.82	
Zone 3	Z3MSW/Z31SW	2,364.48	3,310.27	
- Fiber Advantage SM DS3 without Terminal Equipment				
Zone 1	Z0MSW/Z01SW	1,560.55	1,891.58	(T)
Zone 2	Z0MSW/Z01SW	1,560.55	2,128.03	
Zone 3	Z0MSW/Z01SW	1,560.55	2,364.48	
- Fiber Advantage SM DS3x3 with Terminal Equipment				
Zone 1	Z3MSW/Z31SW	6,610.13	5,201.85	(T)
Zone 2	Z3MSW/Z31SW	6,610.13	5,674.74	
Zone 3	Z3MSW/Z31SW	6,610.13	6,147.64	
- Fiber Advantage SM DS3x3 without Terminal Equipment				
Zone 1	Z0MSW/Z01SW	3,833.29	3,783.16	(T)
Zone 2	Z0MSW/Z01SW	3,833.29	4,256.06	
Zone 3	Z0MSW/Z01SW	3,833.29	4,728.95	

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

(A) Entrance Facilities (Per Point of Termination) (Cont'd)

(4) Fiber AdvantageSM DS3 and DS3x3 Rate Stability Payment
 Plan (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(b) <u>3 Year Plan</u>				
- Fiber Advantage SM DS3 with Terminal Equipment				
Zone 1	Z3MSW/Z33SW	\$1,702.42	\$1,418.69	(T)
Zone 2	Z3MSW/Z33SW	1,797.00	1,536.91	
Zone 3	Z3MSW/Z33SW	1,891.58	1,655.13	
- Fiber Advantage SM DS3 without Terminal Equipment				
Zone 1	Z0MSW/Z03SW	1,182.24	945.79	(T)
Zone 2	Z0MSW/Z03SW	1,229.53	1,064.01	
Zone 3	Z0MSW/Z03SW	1,276.82	1,182.24	
- Fiber Advantage SM DS3x3 with Terminal Equipment				
Zone 1	Z3MSW/Z33SW	3,594.00	2,600.92	(T)
Zone 2	Z3MSW/Z33SW	3,688.58	2,837.37	
Zone 3	Z3MSW/Z33SW	3,783.16	3,073.82	
- Fiber Advantage SM DS3x3 without Terminal Equipment				
Zone 1	Z0MSW/Z03SW	2,080.74	1,891.58	(T)
Zone 2	Z0MSW/Z03SW	2,175.32	2,128.03	
Zone 3	Z0MSW/Z03SW	2,269.90	2,364.48	

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

(A) Entrance Facilities (Per Point of Termination) (Cont'd)

(4) Fiber AdvantageSM DS3 and DS3x3 Rate Stability Payment Plan (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(b) <u>3 Year Plan</u> (Cont'd)				
- Fiber Advantage SM DS3x12 with Terminal Equipment				
Zone 1	Z3MSW/Z23SE	\$10,403.69	\$3,310.27	(T)
Zone 2	Z3MSW/Z23SE	10,640.14	4,256.06	
Zone 3	Z3MSW/Z23SE	10,876.59	5,674.74	
- Fiber Advantage SM DS3x12 without Terminal Equipment				
Zone 1	Z0MSW/Z23SO	7,377.16	2,837.37	(T)
Zone 2	Z0MSW/Z23SO	7,613.61	3,783.16	
Zone 3	Z0MSW/Z23SO	7,850.06	4,728.95	

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

(A) Entrance Facilities (Per Point of Termination) (Cont'd)

(4) Fiber AdvantageSM DS3 and DS3x3 Rate Stability Payment Plan (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(c) <u>5 Year Plan</u>				
- Fiber Advantage SM DS3 with Volume 1 Terminal Equipment				
Zone 1	Z3MSW/Z35SW	\$1,513.26	\$2,364.48#	(T)
Zone 2	Z3MSW/Z35SW	1,607.84	2,837.37#	
Zone 3	Z3MSW/Z35SW	1,702.42	3,310.27#	
- Fiber Advantage SM DS3 without Terminal Equipment				
Zone 1	Z0MSW/Z05SW	1,021.45	1,418.69#	(T)
Zone 2	Z0MSW/Z05SW	1,068.74	1,891.58#	
Zone 3	Z0MSW/Z05SW	1,116.03	2,364.48#	
- Fiber Advantage SM DS3x3 with Volumes 3 Terminal Equipment				
Zone 1	Z3MSW/Z35SW	2,837.37	4,256.06#	(T)
Zone 2	Z3MSW/Z35SW	3,073.82	5,201.85#	
Zone 3	Z3MSW/Z35SW	3,310.27	6,147.64#	
- Fiber Advantage SM DS3x3 without Terminal Equipment				
Zone 1	Z0MSW/Z05SW	1,513.26	2,837.37#	(T)
Zone 2	Z0MSW/Z05SW	1,607.84	3,783.16#	
Zone 3	Z0MSW/Z05SW	1,702.42	4,728.95#	

Nonrecurring charges associated with the installation of Fiber AdvantageSM Services under a 5 year Rate Stability Plan as waived.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

(A) Entrance Facilities (Per Point of Termination) (Cont'd)

(4) Fiber AdvantageSM DS3 and DS3x3 Rate Stability Payment Plan (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(c) <u>5 Year Plan</u> (Cont'd)				
- Fiber Advantage SM DS3x12 with Terminal Equipment				
Zone 1	Z3MSW/Z25SE	\$7,944.64	\$6,620.53#	(T)
Zone 2	Z3MSW/Z25SE	8,228.37	8,512.11#	
Zone 3	Z3MSW/Z25SE	8,512.11	11,349.48#	
- Fiber Advantage SM DS3x12 without Terminal Equipment				
Zone 1	Z0MSW/Z25S0	5,674.74	5,674.74#	
Zone 2	Z0MSW/Z25S0	5,958.48	7,566.32#	
Zone 3	Z0MSW/Z25S0	6,242.21	9,457.90#	(T)
(4) 274.176 Mbps	TWT++	ICB**	ICB**	

Nonrecurring charges associated with the installation of Fiber AdvantageSM Services under a 5 year Rate Stability Plan as waived.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

(B) Direct-Trunked Transport

	<u>USOC</u>	<u>ZONE</u>	<u>Monthly Rate</u>	
			<u>Fixed</u>	<u>Per Mile</u>
(1) Voice Grade per transport channel				
0 Miles	1L5SW	1	None	None
Over 0 Miles	1L5SW	1	\$ 23.64(R)	\$.43 (R)
0 Miles	1L5SW	2	None	None
Over 0 Miles	1L5SW	2	23.64	.43
0 Miles	1L5SW	3	None	None
Over 0 Miles	1L5SW	3	23.64	.51
(2) DS1 per transport channel				
0 Miles	1L5SW	1	None	None
Over 0 Miles	1L5SW	1	56.19	14.19
0 Miles	1L5SW	2	None	None
Over 0 Miles	1L5SW	2	61.00	14.42
0 Miles	1L5SW	3	None	None
Over 0 Miles	1L5SW	3	66.21	14.66
(3) DS3 per facility				
0 Miles	1L5SW	1	None	None
Over 0 Miles	1L5SW	1	472.90	41.33
0 Miles	1L5SW	2	None	None
Over 0 Miles	1L5SW	2	520.18	41.33
0 Miles	1L5SW	3	None	None
Over 0 Miles	1L5SW	3	567.47(R)	41.33 (R)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

(C) Tandem Switched Transport

	<u>ZONE</u>	<u>Per Access Minute</u>
(1) Tandem Switched Transport		
Fixed per Access Minute of Use		
0 Miles	1	None
Over 0 Miles	1	\$.000270 (R)
0 Miles	2	None
Over 0 Miles	2	.000270
0 Miles	3	None
Over 0 Miles	3	.000270
Per Mile per Access Minute of Use		
0 Miles	1	None
Over 0 Miles	1	.000043
0 Miles	2	None
Over 0 Miles	2	.000043
0 Miles	3	None
Over 0 Miles	3	.000043
(2) Tandem Switching per Access Minute	1	.000994
Tandem Switching per Access Minute	2	.000994
Tandem Switching per Access Minute	3	.000994 (R)

(D) <u>Network Interconnection Charge</u>	<u>ZONE</u>	<u>Per Access Minute</u>
- Rate Per Access Minute	ALL	.004488 (R)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

(E) Installation Per Order

	USOC	Nonrecurring Charge		
		First	Additional	
- Per FGA line traversing Direct Trunked Transport	NRBAA/TPP++	\$295.09	\$295.09	(T)
- Per FGB, FGD, or 800 Access Service traversing Direct Trunked transport or Tandem-Switched transport	NRBAA/TPP++	472.90	174.03	(T)

(F) Rollovers

- Per Point of Termination with No Change in Point of Termination				(D)
DS3	NRBE6/SVRSW	471.00	331.03	(T)
DS1	NRBE6/SVRSW	471.00	331.03	
DSO/VG	NRBE7/SVRDO	192.00	42.56	
FGA Line	NRBE8/SVRFA	332.92	189.16	
- Per Point of Termination with Change in Point of Termination				
DS3	NRBEJ/SVRST	658.27	414.26	
DS1	NRBEJ/SVRST	658.27	414.26	
DSO/VG	NRBE9/SVRDT	405.74	173.08	
FGA Line	NRBEK/SVRFT	332.92	189.16	(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

(G) Chargeable Optional Features Nonrecurring
Rate

(1) Operator Transfer Service

- Per Call Transferred \$.28 ®

(2) Multiplexing - per Arrangement

	<u>USOC</u>	<u>ZONE</u>	<u>Monthly</u> <u>Rate</u>	<u>Nonrecurring</u> <u>Charges</u>
DS3 to DS1				
- Per Arrangement	MQ3SW	1	\$307.38 (R)	None
- Per Arrangement	MQ3SW	2	331.03	None
- Per Arrangement	MQ3SW	3	354.67	None
DS1 to Voice/Digital				
Option 1	MQ1SW	1	236.45	None
Option 2	MQ2SW	1	236.45	None
DS1 to Voice/Digital				
Option 1	MQ1SW	2	260.09	None
Option 2	MQ2SW	2	260.09	None
DS1 to Voice/Digital				
Option 1	MQ1SW	3	283.74	None
Option 2	MQ2SW	3	283.74 (R)	None

(H) Nonchargeable Optional Features

(1) Supervisory Signaling

FID

DX Supervisory Signaling
 arrangement

- Per Transmission Path** NC1 ++DX+

SF Supervisory Signaling
 arrangement

- Per Transmission Path*** NC1 ++SF+

** Available with Interface Groups 1 & 2.

*** Available with Interface Groups 2 and 6 through 9.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd) (T)

(H) Nonchargeable Optional Features (Cont'd) (T)

(1) Supervisory Signaling (Cont'd) FID

E&M Type I Supervisory
Signaling arrangement
- Per Transmission Path* NCI ++EA+

E&M Type II Supervisory
Signaling arrangement
- Per Transmission Path* NCI ++EB+

E&M Type III Supervisory
Signaling
- Per Transmission Path** NCI ++EX+

Tandem Supervisory
Signaling
- Per Transmission Path*** NCI ++EX+

(2) Customer specification of the
receive transmission level at the
first point of switching within
a range acceptable to the Utility
- Per Transmission Path**** TLV

(3) Customer specification of Switched
Transport Termination (T)
Four-wire termination in lieu of
two-wire termination
- Per Transmission Path***** NC S+T+

* Available with Interface Groups 1 and 2.

** Available with Interface Group 1 and 2 for FGC, FGD and 800 Access
Service.

*** Available with Interface Group 2 for FGA.

**** Available with Interface Groups 2 through 9 for FGA and FGB. The range of
transmission levels which may be specified is described in Technical Reference
TR-NPL-000334.

***** Available with Feature Group B with Type B Transmission Specification

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

(H) Nonchargeable Optional Features (Cont'd)

		<u>FID</u>
(4) Common Channel Signaling Access Capability (CCS7)		CCS7

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(I) <u>SS7 Signaling Connection</u>				
(1) SS7 Link - each	SL7	\$ 184.43	\$558.02	
(2) SS7 Link - per mile	SL7	.57	None	(T)
(3) STP Port - each	SLPTC	1,253.17	None	(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.3 End Office

(A) Local Switching

LS1 - Feature Groups A and B

	<u>Rates</u> <u>Per Access Minute</u>
Call set-up, per call	\$0.008663
Per MOU	0.001901

LS2 - Feature Groups C, D,
PVN Access, 800 and 900 Access
Service

Call set-up, per call	\$0.008663
Per MOU	0.001901

(D)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features

	<u>FID</u>	<u>Nonrecurring Charges</u>	
		<u>Initial</u>	<u>Subsequent</u>
Call Denial on Line or Hunt Group (available with FGA) - Per Transmission Path or Transmission Path Group	CAD	\$0.00 (R)	\$0.00 (R)
Service Code Denial on Line or Hunt Group (available with FGA) - Per Transmission Path or Transmission Path Group	SCD	0.00 (R)	0.00 (R)
Hunt Group Arrangement (available with FGA) - Per Transmission Path Group	HML/HTG	0.00 (R)	0.00 (R)
Uniform Call Distribution Arrangement (available with FGA) - Per Transmission Path Group	UCD	0.00 (R)	0.00 (R)
Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (available with FGA) - Per Transmission Path	NHN	0.00 (R)	0.00 (R)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features (Cont'd)

	<u>FID</u>	<u>Nonrecurring Charges</u>	
		<u>Initial</u>	<u>Subsequent</u>
Automatic Number Identifi- cation (available with FGB, FGC, FGD and 800 Access Service)			
- Per Transmission Path Group	ANI	\$ 0.00	\$ 0.00 (R)
Up-to-7-Digit Outpulsing of Access Digits to IC (available with FGB)			
- Per Transmission Path Group	USDO	0.00	0.00 (R)
Revertive-Pulse Address Signaling (available with FGC)			
- Per Transmission Path Group	ADS RP	0.00	0.00 (R)
Delay-Dial Start-Pulsing Signaling (available with FGC)			
- Per Transmission Path Group	DDSP	0.00	0.00 (R)
Immediate-Dial-Pulse Address Signaling (available with FGC)			
- Per Transmission Path Group	ADS IDP	0.00	0.00 (R)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features (Cont'd)

		Nonrecurring Charges	
	<u>FID</u>	<u>Initial</u>	<u>Subsequent</u>
Dial-Pulse Address Signaling (available with FGC) - Per Transmission Path Group	ADS DP	\$0.00	\$0.00 (R)
Panel-Call-Indicator Address Signaling (available with FGC) - Per Transmission Path Group	ADS PCI	0.00	0.00 (R)
Service Class Routing (available with FGC, FGD and 800 Access Service) - Per Transmission Path Group	SCRT	0.00	0.00 (R)
Alternate Traffic Routing (available with FGB, FGC, FGD and 800 Access Service) - Per Transmission Path Group	ARTG	0.00 (R)	0.00 (R)
Trunk Access Limitation Arrangement (available with FGC and FGD) - Per End Office	CHOK	0.00 (R)	0.00 (R)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features (Cont'd)

	<u>Nonrecurring Charges</u>	
	<u>FID</u>	<u>Initial</u> <u>Subsequent</u>
Call Gapping Arrangement (available with FGD) - Per End Office	CGAP	\$ 0.00 \$ 0.00
International Carrier Option (available with FGD) - Per End Office and Access Tandem	INCO	0.00 0.00
Band Advance Arrangement for use with WATS Access Line Service or Universal WATS Access Line Service [#] - Per Arrangement	BAAD	0.00 0.00
End Office Customer Line Service Screening for use with WATS Access Line Service*, [#] - Per Transmission Path	BAND	0.00 0.00
Hunt Group Arrangement for use with WATS Access Line Service or Universal WATS Access Line Service [#] - Per Transmission Path Group	HML/HTG	0.00 0.00

* This feature is required for originating WATS Access Line Service and is not available with terminating WATS Access Line Service or Universal WATS Access Line Service.

Frozen/Grandfathered WATS and 2-WAY WATS Service - See General Regulations, Schedule Cal.P.U.C. No. A2.1.2,A.4. Effective with Advice Letter No. 18345. Service to be withdrawn effective November 30, 1997.

(T)
(T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features (Cont'd)

	<u>FID</u>	<u>Nonrecurring Charges</u>	
		<u>Initial</u>	<u>Subsequent</u>
Uniform Call Distribution Arrangement for use with WATS Access Line Service or Universal WATS Access Line Service*			
- Per Transmission Path Group	UCD	\$0.00	\$0.00
Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with WATS Access Line Service or Universal WATS Access Line Service*			
- Per Transmission Path	NHN	0.00	0.00
 (2) Transport Termination Nonchargeable Options			
(a) Line-Side Terminations (For FGA)			
Two-Way Operation			
- Dial Pulse with Loop Start			NC +++A
- Dial Pulse with Ground Start			NC +++E
- DTMF with Loop Start			NC +++F
- DTMF with Ground Start			NC +++G

* Frozen/Grandfathered WATS and 2-WAY WATS Service - See General Regulations, Schedule Cal.P.U.C. No. A2.1.2,A.4. Effective with Advice Letter No. 18345. Service to be withdrawn effective November 30, 1997. (T)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

(2) Transport Termination Nonchargeable Options (Cont'd)

(a) Line-Side Terminations (For FGA) (Cont'd)

FID

Terminating Operation

- Dial Pulse with Loop Start NC +++N
- Dial Pulse with Ground Start NC +++P
- DTMF with Loop Start NC +++R
- DTMF with Ground Start NC +++S

Originating Operation

- Loop Start NC +++U
- Ground Start NC +++V

(b) Trunk-Side Terminations
(For FGB, FGC and FGD)

Standard Trunk
for Originating,
Terminating or Two-
Way operation
(available with FGB,
FGC and FGD)

TTC SO
TTC ST
TTC TY

Rotary-Dial Station
Signaling Trunk
(available with FGB)

TTC RD

Operator Trunks - MOS, Coin,
Non-Coin or Combined
Coin and Non-Coin
(available with FGC)
Operator Trunks - MOS,
Coin or Coin
and Non-Coin
(available with FGD)

(T)
TTC CO
TTC NC
TTC CC

TTC CO
TTC CC (C)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

(2) Transport Termination Nonchargeable Options (Cont'd)

(b) Trunk-Side Terminations
For FGB, FGC and FGD) (Cont'd)

Operator Trunk - EAOSS,

FID

(C)

(available with FGD)

TTC FF

(D)

(B)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.3 End Office (Cont'd)

(B) Line Terminations (Cont'd)

(D)

(D)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.3 End Office (Cont'd)

(D) PVN Access Capability

Per end office per
customer

<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
PVNAC	\$13.56	(R) \$1,550.15 (R)

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.4 Individual Resale Line Service

Per CPUC Decision No. 87-08-048 dated August 26, 1987, the Individual Resale Line Service rates that apply for local exchange line and trunk arrangements provided as described in 3.3.(B) preceding, and as set forth in Schedule Cal.P.U.C. Nos. A5.2.1 and A5.3.1 are discontinued. Orders for this service will not be accepted after November 16, 1987. The Reseller Transition Plan is described in 6.7.17 preceding.

6.8.5 Reserved @

(T)
(D)

(D)

6.8.6 Message Unit Credit

Per Originating
Feature Group A
Access Minute

- (A) For all exchanges in the San Francisco-East Bay, and the Los Angeles extended area * (\$.0072)**
- (B) All other exchanges in California (\$.0053)**

** () equals a negative amount.

* The exchanges are as set forth in Schedule Cal.P.U.C. No. A5.2.1,B.

@ Will not be implemented until April 30, 1997.

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.7 Public Switched Digital Service Access
Switching Capability

	<u>Rate</u>
- Per access minute (one minute minimum charging interval)	\$0.11

6.8.8 500 Access Service

	<u>USOC</u>	<u>Nonrecurring</u> <u>Charges</u>		
		<u>1st</u> <u>NXX</u>	<u>Additional</u> <u>NXX</u>	
Activating/Deactivating Each NXX Per Central Office				
- Per Order	NRB5F/SACCH	\$154.16	\$139.98	(T)

6.8.9 Tandem Access Sectorization

	(D)	<u>Nonrecurring</u> <u>Charges</u>
(A) <u>Initial establishment</u>		
- Per Equal Access Tandem TMSEC		\$867.29
(B) <u>Change or delete</u>		
- Per Equal Access Tandem TMSER		195.78

Continued

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.10 800 Data Base Service

	<u>Recurring Charges</u>
(A) <u>Basic 800 Query</u>	
- per query	\$.004530
(B) <u>POTS Translation</u>	
- per query	.000000
(C) <u>Multiple Destination and Routing</u>	
- per query	.000355
(D) <u>Six Digit Master Number List Turnaround</u>	
- per query	.004161

6.8.11 Line Information Data Base (LIDB) Service

	<u>Per Query USOC Charge</u>	<u>Nonrecurring Charge</u>
(A) <u>LIDB Service Establishment</u> - Per Originating Point Code	ABSPB None	\$122.01
(B) <u>LIDB Transport-Per Query</u>	ABSPB \$.000284 (R)	None
(C) <u>LIDB Query-Per Query</u>	ABSPB .0246	None

Continued