FACILITIES FOR INTRASTATE ACCESS

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(L) Material previously shown on 1st Revised Sheet K.1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

A. General

Switched Access provides two-point communications path between the point of termination at a Customer Designated Location (CDL) and the points of termination at Utility end user premises within the Access Area. Each path is established through the use of Switched Transport, End Office Services, Common Lines or Special Access Lines. Switched Access provides for the ability to originate calls from an end user's premises to a CDL and to terminate calls from a CDL to an end user's premises. Switched Access Services may be connected to a customer's transmission equipment and facilities using a DS1 or DS3 Cross Connect arrangement where the customer is provided Expanded Interconnection Service as defined in Section XVII.

Switched Access is ordered in either quantities of lines, trunks or in Busy Hour Minutes of Capacity (BHMCs). FGA and BSA-A is furnished on a per line basis, and FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service are furnished on a per-trunk basis in accordance with the capacity ordered in trunks or BHMC. (C) (C)

Quantities of lines, or total BHMC of the circuit group connecting the Utility's first point of switching and the CDL are determined at the Utility's first point of switching.

A customer may designate one or more CDLs within the LATA for FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D Switched Access or SAC Access Service. (C) (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

A. General - Continued

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

A. General - Continued

(D)
(D)

When Switched Access is ordered in BHMC, the BHMC must be differentiated by Feature Group type and directionality of traffic in order for the Utility to properly design Switched Access to meet the traffic carrying capacity requirements of the customer.

Switched Access is provided with basic testing as described in this section. Additional testing is provided as described in the Miscellaneous Services section. Testing is provided only on the FIA supplied by the Utility.

Public Access Line Service is provided only for use with FGC or FGD. This service is described under Description of Public Access Line Service, within this section of the tariff.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access

Switched Access is provided in conjunction with either of two types of access services, bundled Feature Groups or unbundled Basic Serving Arrangements (BSAs). BSAs, are provided in two basic categories differentiated by their technical characteristics and how they connect, line side or trunk side connection, to the Utility's first point of switching. The trunk side BSA is further differentiated into three alternatives based upon how the end user accesses the trunk side BSA, with or without an access code. Feature Group A (FGA) and Basic Serving Arrangement A (BSA-A) are defined as line side connections to the Utility's network. Feature Group B (FGB), Feature Group C (FGC), Feature Group D (FGD), Basic Serving Arrangement B (BSA-B), Basic Serving Arrangement C (BSA-C), and Basic Serving Arrangement D (BSA-D) are defined as trunk side connections to the Utility's network. The use of a line side or trunk side switched access connection is dependent upon the switched access arrangement ordered by the customer. Feature Groups and BSAs are arranged for either originating, terminating, or two-way calling, based on the end office switching capacity ordered. Originating calling permits the delivery of calls from Utility exchange service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Utility exchange service locations. Two-Way calling permits the delivery of calls in both direction, but not simultaneously. (N)

Switched Access will be provided as both Feature Groups and BSAs to Utility end offices either directly routed or routed via an access tandem, except as set forth following:

- Feature Group and BSA trunk side equivalents (FGB and BSA-B, FGC and BSA-C, and FGD and BSA-D) may not be provided for the same Carrier Identification Code (CIC) and/or Billing Number Account (BAN) at Utility end offices which subtend the same tandem. When a Utility end office subtends multiple tandems, Feature Group and BSA trunk side equivalents may not be provided for the same CIC and/or BAN at any Utility end office which subtends either tandem. (N)

Material omitted now shown on Original Sheet 90.3, Original Sheet 90.10, Original Sheet 90.15 and Original Sheet 90.23.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

- Feature Group and BSA line side equivalents (FGA and BSA-A) may not be mixed in the same multiline hunt group. (N) (N)

1. Description of Feature Groups (T)

The Utility, under the ordering provisions, at rates and charges as specified, will provide Switched Access Feature Groups as follows: (N) (N)

a. Feature Group-A (L)

Feature Group A (FGA), which is available to all customers, provides line-side access to the Utility end office switches with an end user access code of NXX-XXXX for the customer's use in originating and terminating communications.

FGA is available as MTS-type or Terminating Only WATS-type.

FGA is also utilized to provide FX/ONAL open end access for use by the customer in association with FX/ONAL type services.

(1) FGA is provided at all Utility end office switches and switch customer communications to and from Common Lines or to Special Access Lines. FGA End Office Services utilize a two-point electrical communications path between the Switched Transport and Common Line which is a voice grade transmission path comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. (L)

(L) Material formerly appeared on 2nd Revised Sheet 90.2 and 5th Revised Sheet 102.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

a. - Continued

(2) FGA is provided as line side switching through end office switch line equipment. Line side switching may at the option of the customer, be provided with ground start supervisory signaling or loop start supervisory signaling. (L)

(3) The Utility shall select the first point of switching within the selected FGA Access Area from which switching is to be provided unless the customer requests a different central office switch and Utility facilities are available to accommodate such a request.

(4) FGA is arranged for originating calling only, terminating calling only- or two-way calling. The Utility will determine the type of calling to be provided unless the customer requests the option Specification of Switched Access Directionality. For such specification, additional charges on an individual case basis will apply if the calling arrangements are different from that the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

(5) FGA, when being used in the terminating direction is arranged with dial tone start-dial signaling and dial pulse address signaling. FGA when being used in the terminating direction may, at the option of the customer, be arranged for Dual Tone Multifrequency (DTMF) address signaling, subject to availability of equipment in the end office from which FGA is provided. When FGA is provided in a Hunt Group Arrangement or Uniform Call Distribution Arrangement, all FGA will be arranged for the same type of signaling. (L)

(L) Material formerly appeard on 5th Revised Sheet 102 and 4th Revised Sheet 103.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

a. - Continued

No address signaling is provided by the Utility when FGA is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided. (L)

(6) FGA, when used in the terminating direction, may be used to access valid NXXs in the FGA Access Area. For FGA, the Access Area is defined as the local calling area of the end office switch from which the FGA is provided. The description of any specific FGA Access Area will be provided to the customer upon request.

Access is also provided for FGA terminating calls established on a 1+ basis (i.e., toll) outside the specific FGA Access Area (i.e., local calling area) however inside the LATA. Calls terminating within the LATA, but outside the FGA Access area will be subject to the Extended FGA Terminating Traffic as described in II.E.17.

When a FGA customer chooses to terminate toll calls outside the LATA via an Interexchange Carrier's Service (no screening or blocking performed by customer), the rates and charges as specified in the application of Extended FGA Switched Transport will apply. The Utility may, at the customer's request, and depending on the technical capabilities, screen and block such interLATA calls. (L)

(L) Material formerly appeared on 4th Revised Sheet 103.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

a. - Continued

Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), local telephone repair (611), California Relay Service (711), emergency reporting service (911), information services, (e.g. time and temperature) and other IC services (by dialing the appropriate digits). (T) (T)

The customer will be billed for an operator surcharge, as set forth in the local tariffs, for local operator assistance (0-) calls; directory assistance (411 and 555-1212) calls; and call charges in accordance with the tariffs in force when the Utility performs the billing for such customer calls.

Access to these services may, at the option of the IC, be blocked when the Call Denial on Line or Hunt Group three-digit or six-digit dial code screening arrangements are provided, subject to the availability of the equipment in the end office from which FG-A is provided. Call Denial on Line or Hunt Group is an arrangement which will screen terminating calls except calls to 411, 611, 711, 911, 800, 555-1212, and a set of NXXs specified by the Utility for each end office switch and route all other calls to reorder tone or recorded announcement. (T)

Three-digit dial code screening is an arrangement which screens Access Area terminating calls and allows completion of calls to one or more specific NXXs (or all NXXs) within the Home NPA, or calls to one, two, or three digit service codes (e.g., 0, 411) and route all others to reorder tone or recorded announcement.

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

a. - Continued

Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), emergency reporting service (911), local telephone repair (611), information services, (e.g. time and temperature) and other IC services (by dialing the appropriate digits). (L)

The customer will be billed for an operator surcharge, as set forth in the local tariffs, for local operator assistance (0-) calls; directory assistance (411 and 555-1212) calls; and call charges in accordance with the tariffs in force when the Utility performs the billing for such customer calls.

Access to these services may, at the option of the IC, be blocked when the Call Denial on Line or Hunt Group three-digit or six-digit dial code screening arrangements are provided, subject to the availability of the equipment in the end office from which FG-A is provided. Call Denial on Line or Hunt Group is an arrangement which will screen terminating calls except calls to 411, 611, 911, 800, 555-1212, and a set of NXXs specified by the Utility for each end office switch and route all other calls to reorder tone or recorded announcement.

Three-digit dial code screening is an arrangement which screens Access Area terminating calls and allows completion of calls to one or more specific NXXs (or all NXXs) within the Home NPA, or calls to one, two, or three digit service codes (e.g., 0, 411) and route all others to reorder tone or recorded announcement. (L)

(L) Material formerly appeared on 3rd Revised Sheet 104 and 2nd Revised Sheet 105.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

a. - Continued

Six-digit dial code screening is an arrangement which will screen Access Area terminating calls and allow completion of calls to selected NXXs within foreign NPAs and route all other calls in the foreign NPA to reorder tone or recorded announcement. (L)

(7) Access to these services may, at the option of the IC, be blocked when the Service Code Denial on Line or Hunt Group.is ordered. This option allows for the screening of terminating calls within the Access Area, or for disallowing completion of calls to 0- and N11 (e.g., 411, 611, and 911).

(8) FG-A is provided on a single line basis, and may at the option of the IC, be provided in a Hunt Group Arrangement or a Uniform Call Distribution Arrangement. When FG-A is provided with these arrangements, the FG-A may also, at the option of the IC, be provided with a Nonhunting Number Arrangement. The Uniform Call Distribution Arrangement and the Nonhunting Number Arrangements are only available from certain Utility end office switches. All FG-A in a Hunt Group Arrangement or Uniform Call Distribution Arrangement with the Nonhunting Number Arrangement will be similarly arranged.

(9) A seven-digit local telephone number assigned by the Utility is provided for access to FG-A 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. (L)

(L) Material formerly appeared on 2nd Revised Sheet 105 and 2nd Revised Sheet 106.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

a. - Continued

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)

(10) FG-A 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. Loss, 3-tone slope, DC continuity, and operational signaling will also be performed at no extra charge when applicable. Additional testing charges will apply when:

(a) the customer requests a test not specified preceding;

(b) the test requested is not essential to the ongoing maintenance of FG-A; or

(c) the customer requests testing on a more frequent basis than scheduled for in the Utility's central office maintenance planning system (COMPS).

(11) FGA may, at the option of the customer, be provided for intrastate and interstate communications. Each customer requesting such mixed access will provide the required reports.

(12) When all FGAs for an individual customer (a single) line or entire hunt group) are discontinued at an end office, a regular number intercept announcement is provided. The arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected. (L)

(L) Material formerly appeared on 2nd Revised Sheet 106 and 2nd Revised Sheet 106.1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

a. - Continued

(13) FGA is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C transmission performances provided with Interface Arrangement 1, and Type B is provided with Interface Arrangement 2 through 10. In addition, data transmission parameters may, at the option of the customer, be provided with FGA. (L)

(14) Call Forwarding may be ordered to forward calls from a FGA Service where facilities and conditions permit. The Call Forwarding Service will be administered and provisioned as set forth in Schedule Cal. P.U.C. No. A-40. (L)

(L) Material formerly appeared on 2nd Revised Sheet 106.1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

b. Feature Group-B

FGB, which is available to all customers, provides trunk side access to the Utility end office switches with an associated uniform 950-10XX access code for the IC's use in originating and terminating communications. (L)

FGB is available as MTS-type or Terminating Only WATS-type.

(1) FGB, when provided without the use of an access tandem switch (in a directly routed arrangement), is provided at all Utility appropriately equipped electronic end office switches. When provided via Utility appropriately equipped electronic access tandem switches, FGB End Office Services are provided at all Utility end office switches in the terminating direction and at appropriately equipped end offices in the originating direction.

FGB utilizes a two-point electrical communications path between the Interface Arrangement and the Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

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

(L) Material formerly appeared on 2nd Revised Sheet 90.2 and 4th Revised Sheet 107.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

b. - Continued

(3) The Utility will select the trunking arrangement from the end office, within the selected Access Area from which FGB is to be provided. If the customer orders Automatic Number Identification (ANI) Arrangement or Rotary Dial Station Signaling, where available, special routing and trunking arrangements may be required. (L)

(4) FGB is arranged for either originating, terminating, or two-way calling. The Utility will determine the type of directional calling to be provided unless the customer requests Specification of Switched Access Directionality. for such specification, additional charges on a individual case basis will apply if the calling arrangements are different from what the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the point of presence at Utility exchange service locations. Two-way calling permits either the origination or termination of calls, but not simultaneously.

(5) FGB, when being used in the terminating and originating direction, is provided with multifrequency address signaling. At the option of the customer, up to seven digits outpulsing of access digits will be provided in the originating direction by the Utility equipment to the CDL where the FGB terminates. Except for FGB provided with the ANI arrangement or Rotary Dial Station Signaling any other address signaling in the originating direction, if required by the customer, must be provided by the 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 Switched Transport provided. (L)

(L) Material formerly appeared on 3rd Revised Sheet 108.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

b. - Continued

(6) FGB, when being used in the terminating direction, may be used to access valid NXXs in the FGB Access Area. If the FGB connection is made directly to an end office the Access Area is that of that end office only. If the FGB connection is made to an access tandem,.the Access Area is that of all end offices subtending that access tandem. The description of any FGB access area will be provided to the customer upon request. Access is also available to information services and other customer services (by dialing the appropriate digits). (L)

(7) When a customer subscribes to both FGB and FGD at an equal access end office, all such FGB and FGD usage terminating to that end office will be subject to E0S2 rates, as set forth in the RATES Section. A separate trunk group will be established based on the directionality (i.e. originating only, terminating only, or two-way traffic) of the FGB provided.

(8) The access code for FGB is a uniform access code in the form of 950-1XXX or 950-0XXX. This uniform access code will be the assigned access numbers of all FGB provided to the customer by the Utility.

(9) FGB may, at the option of the customer, be arranged to provide an ANI Arrangement to obtain the calling station billing numbers. ANI is not available if the FGB connection is at an access tandem. The ANI arrangement provides seven-digit calling station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with four party service, no seven-digit number will be provided and an "operator identification" information digit will be provided. (L)

(L) Material formerly appeared on 3rd Revised Sheet 109 and 2nd Revised Sheet 110.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

b. - Continued

In those cases where an ANI failure has occurred in the end office switch, no seven-digit number will be provided, and an "identification failure" information digit will be provided. ANI will be available using multifrequency signaling provided by the Utility. (L)

Rotary Dial Station Signaling will be made available in certain end offices using dial repeating equipment provided by the Utility. The IC must order Switched Transport arranged to pass the dial repeating signals. FG-B is provided in directly routed arrangements where the ANI or Rotary Dial Station Signaling arrangements are provided.

Only calls from end users terminated on the end office switch will be provided with the ANI or Rotary Dial Station Signaling arrangements.

(10) The Utility will determine the end office ANI protocol for FG-B. The Utility makes no guarantee that ANI will be available at all end offices which have access to FG-B.

(11) FG-B 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, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Where equipment is available, FG-B will be provided, in the originating direction to ICs equipped with compatible remote office test lines, with automatic testing. Additional testing charges may be provided when:

(a) the customer requests a test not specified in the preceding; (L)

(L) Material formerly appeared on 2nd Revised Sheet 110 and 1st Revised Sheet 110.1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

b. - Continued

(b) the test requested is not essential to the ongoing maintenance of FG-B; or (L)

(c) the customer requests testing on a more frequent basis than scheduled for in the Utility's central office maintenance planning system (COMPS).

(12) FG-B may, at the option of the IC, be provided for interstate or intrastate communications as long as the IC provides the required reports.

(13) When all FG-B is discontinued at an end office and/or in a Market Area, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the FG-B associated with the number dialed has been disconnected.

(14) FG-B is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the end office, when routed directly, or to the first point of switching, when routed via an access tandem. Type C transmission performance is provided with Interface Group I, and Type B is provided with Interface Groups 2 through 10. In addition, data transmission parameters, at the option of the IC, may be provided with FG-B. (L)

(L) Material formerly appeared on 1st Revised Sheet 110.1 and 3rd Revised Sheet 111.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

c. Feature Group C

FGC provides trunk side access to the Utility end office switches for AT&T's use in originating and terminating communications. FGC is available in all end offices which are not equipped for FGD end office services. (L)

(1) FG-C is provided at all Utility end office switches or Utility designated access tandem switches. FG-C is provided the IC (e.g., AT&TC) at an end office switch unless FG-D or BSA-D is provided in the same office. When FG-D or BSA-D is available, FG-C End Office Services will be discontinued as soon as the conversion to FG-D or BSA-D can be arranged with AT&TC. (C)

FGC utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated signals within the frequency bandwidth of approximately 300 to 3000 Hz. (C) (C)

(2) FGC is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start pulsing signals are provided in all offices where available. In those offices where wink start pulsing signals are not available, delay dial start pulsing signals will be provided. (L)

(L) Material formerly appeared on 2nd Revised Sheet 90.2, 3rd Revised Sheet 111 and 4th Revised Sheet 112.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

c. - Continued

(3) The Utility will select the trunking arrangement from the end office, within the selected Access Area from which FGC is to be provided. If the customer orders an ANI Arrangement or Service Class Routing Arrangement is ordered, special routing and trunking arrangements may be required. (L)

(4) FGC is arranged for either originating calling only, terminating calling only, or two.way calling based on the customer end office switching BHMC ordered. The Utility will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality. for such specification, additional charges on an individual case basis will apply if the trunk group routing arrangements are different from those the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

(5) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such electromechanical end office switches, the address signaling will be dial pulse or revertive pulse signaling whichever is available. Dial pulse address signaling may, at the option of the customer, be provided in lieu of multifrequency address signaling if such signaling facilities are available in the end office. Up to 12 digits or the called party number dialed by the customer's end user will be provided by Utility equipment to the CDL number dialed where FGC terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided. (L)

(L) Material formerly appeared on 4th Revised Sheet 112 and 3rd Revised Sheet 113.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

c. - Continued

(6) FGC, when being used in the terminating direction, may be used to access NXXs in the FGC Access Area. The description of any FGC Access Area will be provided to the customer upon request. Access is also available to Directory Assistance and IC services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. (L)

(7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the FGC arrangement provided.

(8) No access code is required for FG-C. In certain locations, due to central office equipment limitations, 2 or 3 digit access codes may be used. The telephone number dialed by AT&TC's end user shall be a 7 or 10 digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by AT&TC's end users is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.

(9) FG-C may, at the option of the IC, be arranged to provide an ANI Arrangement to obtain the calling station billing number. The ANI arrangement provides seven-digit station billing number information to the point of presence. In those situations where no billing number is available in the end office switch, as with four party service, no seven-digit number will be provided and an "operator identification" information digit will be provided. (L)

(L) Material formerly appeared on 3rd Revised Sheet 113 and 2nd Revised Sheet 114.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

c. Feature Group C - Continued (T)

(9) - Continued (T)

In those cases where an ANI failure has occurred in the end office switch, no seven-digit number will be provided and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Utility.

FG-C is provided in directly routed arrangements to the end office switch where the ANI arrangement is provided. The Utility will determine the end office ANI protocol for FG-C.

Only calls from end users terminated on the end office switch will be provided with the ANI arrangement. ANI is provided from end offices where Utility recording for end user billing is not provided, or where it is not required, as with 800/877/888 Service. It is not provided from end offices for which the Utility needs to forward ANI to its recording equipment. (C)

(10) FG-C may, at the option of the IC, be provided for interstate and intrastate communications as long as the required reports are provided.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

c. - Continued

(11) FG-C may, at the option of the IC, be provided with End Office End User Line Service Screening Arrangement for calls in the originating direction. This arrangement provides the ability to screen originating call address signals to verify that they are in accordance with the service provided to the calling station. The called NPA and/or NXX will be screened at end office switches designated by the Utility and the IC shall provide the screening rules to the Utility when the arrangement is ordered. (L)

(12) FG-C 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. Where equipment is available, FG-C will be provided, in the originating direction to ICs equipped with 105 type test lines and responders or their equivalents and in the terminating direction to ICs equipped with compatible remote office test lines, with automatic testing. At the Utility's option, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Utility provides a technician at its office(s) and the IC provides a technician at its point of presence with suitable test equipment to perform the required tests. Additional Testing Charges will apply when:

(a) the customer requests a test not specified in the preceding;

(b) the test requested is not essential to the ongoing maintenance of FG-C; or (L)

(L) Material formerly appeared on 2nd Revised Sheet 115 and 2nd Revised Sheet 116.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

c. - Continued

(c) the customer requests testing on a more frequent basis than scheduled for in the Utility's central office maintenance planning system (COMPS). (L)

(13) FG-C may, at the option of the IC, be provided with Alternate Traffic Routing. This arrangement delivers originating traffic from an end office over a designated trunk group to the point of presence. When that trunk group is fully loaded, additional originating traffic is automatically delivered over a second designated trunk group to a second point of presence. For existing arrangements only, up to three trunk groups to three points of presence may be provided.

(14) FG-C may, at the option of the IC, be provided with a Service Class Routing arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified points of presence based on service prefix (e.g., 0-, 0+, 1+); service class codes (e.g., 500, 700, 800, 900); or end user originating line class of service (e.g, coin, multiparty, hotel/motel).

(15) FG-C may, at the option of the IC, be provided with a Call Destination Routing Arrangement. This arrangement allows the routing of traffic among multiple points of presence designated by an IC within an exchange or serving area based on the destination of such traffic outside the Utility's facilities, provided that no more than one point of presence exists at any physical location. (L)

(L) Material formerly appeared on 2nd Revised Sheet 116, 2nd Revised Sheet 116.1 and 2nd Revised Sheet 117.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

c. - Continued

(16) FG-C may, at the option of the IC, be provided with a Trunk Access Limitation arrangement in all Utility end offices. This arrangement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group to the point of presence In order to limit the amount of such traffic that can be completed. (L)

(17) FG-C is provided with the following features in the originating direction for operator assistance services. FG-C may require the routing by Service Class Routing Arrangement.

(a) Operator Assistance-Coin Control Arrangements for Utility end offices where equipment is available. Such arrangements provide coin return control and routing of 0+ and 01-prefixed originating calls to the point of presence. The operator services system arrangement for receipt of 0+, 0-, and 1+ calls may, at the option of the IC, be provided with the ANI arrangement. The cord board arrangement is for receipt of Originating calls and is not provided with ANI. FG-C is provided in a directly routed arrangement where the Operator Assistance Coin Control Arrangement is provided. Only calls from coin station lines terminated on the end office switch (where the Operator Assistance-Coin Control Arrangement is provided) will be provided to the point of presence.

(b) Operator Assistance Non-coin Arrangements in all Utility end offices. Such arrangements provide routing of 0+, 0-, and 1+ prefixed originating calls to the point of presence. This arrangement for receipt of 0+, 0-, 1+, originating calls may, at the option of the IC, be provided with the ANI arrangement. (L)

(L) Material formerly appeared on 2nd Revised Sheet 117 and 4th Revised Sheet 118.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

c. - Continued

The cord board arrangement for receipt of 0- originating calls is not provided with ANI. FGC is provided in a directly routed arrangement where the Operator Assistance Non-coin Arrangement is provided. Only calls from end users terminated on the end office switch where the Operator Assistance-Noncoin Arrangement is provided to the point of presence. (L)

(c) Operator Assistance-Combined (coin and noncoin) Arrangements in Utility end offices where equipment is available. This arrangement provides the combined features described in (a) and (b) above.

(18) FGC is provided with either Type B or Type C transmission performance as follows: (a) when routed directly to the end office, either Type B or Type C is provided; (b) when routed to an access tandem, only Type B is provided; or (c) Type B or Type C is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1 when routed directly to an end office. Type B is provided with Interface Arrangements 2 through 10 whether routed directly to an end office or to an access tandem. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGC.

(19) FGC may, at the option of the customer, be provided with Band Configuration Screening for calls in the originating direction as set forth in this tariff. (L)

(L) Material formerly appeared on 4th Revised Sheet 118.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. Feature Group D

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

A more detailed description of the feature groups is set forth in this section.

(1) FGD is provided at Utility appropriately equipped electronic end office switches.

FGD utilizes a two-point electrical communication path between the Interface arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

SS7 Out of Band Signaling for FGD is provided at suitably equipped Utility end office or 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 answer and disconnect supervisory signaling and wink start pulsing signals except when SS7 Out of Band Signaling is specified.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. Feature Group D (L)

FGD, which is available to all customers, provides trunk side access to the Utility end office switches with an associated 10XXX or 101XXXX access code for the customer's use in originating and terminating communications.

A more detailed description of the feature groups is set forth in this section.

(1) FGD is provided at Utility appropriately equipped electronic end office switches.

FGD utilizes a two-point electrical communication path between the Interface arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

SS7 Out of Band Signaling for FGD is provided at suitably equipped Utility end office or 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 answer and disconnect supervisory signaling and wink start pulsing signals except when SS7 Out of Band Signaling is specified. (L)

(L) Material formerly appeared on 2nd Revised Sheet 90.2 and 5th Revised Sheet 119.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. - Continued

(3) The Utility will select the trunking arrangement from the end office within the selected Access Area from which FGD is to be provided. If the IC orders an ANI Arrangement, Alternate Traffic Routing Arrangement, Service Class Routing Arrangement, Trunk Access Limitation Arrangement, or Operator Assistance Full Feature Arrangement, special routing and trunking arrangements may be required. (L)

(4) FGD is arranged for either originating calling only, terminating calling only, or two-way calling based on the end office switching BHMC ordered on a per trunk basis, at the option of the IC. The Utility will determine the type of directional calling to be provided unless the IC orders an Operator Assistance Full Feature Arrangement or requests the option, Specification of Switched Access Directionality. For such arrangements, additional charges on an individual case basis will apply if the trunking arrangements are different from those the Utility would have provided without such special arrangements.

Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL. Two-way calling permits either the origination or termination of calls, but not simultaneously.

(5) FGD is provided with multifrequency address signaling or SS7 Out of Band Signaling. Up to 12 digits of the called party number dialed by the end user will be provided by Utility equipment to the CDL where the FGD terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided. (L)

(L) Material formerly appeared on 5th Revised Sheet 119 and 6th Revised Sheet 120.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. - Continued

(6) FGD, when being used in the terminating direction, may be used to access valid NXXs in the FGD Access Area. If the FGD connection is made directly to an end office, the Access Area is that of that end office only. If the FGD connection is made to an access tandem, the Access Area is all end offices subtending that access tandem that have equal access capabilities. When the customer wants access to all end offices subtending the access tandem (both equal and non-equal access), a single FGD trunk group may be used. Traffic terminating at a non-equal access end office using a FGD trunk group will be ordered as FGB or FGC and billed at FGB or FGC rates. Separate trunk groups for the combined use of FGD and FGB or FGD and FGC are not required. The description of any FGD Access Area will be provided to the customer upon request. FGD may also be used in the terminating direction to access information services (e.g., time and temperature) and IC services by dialing the appropriate codes when the services can be reached using valid NXX codes.

(7) A separate trunk group will be established based on directionality (i.e. originating only, terminating only, or two-way traffic) of the FGD arrangement provided.

(8) The access code for FGD is a uniform access code of the form 101XXXX. No access code is required if the end user's local telephone service is arranged for presubscription to the same IC. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. - Continued

(6) FGD, when being used in the terminating direction, may be used to access valid NXXs in the FGD Access Area. If the FGD connection is made directly to an end office, the Access Area is that of that end office only. If the FGD connection is made to an access tandem, the Access Area is all end offices subtending that access tandem that have equal access capabilities. When the customer wants access to all end offices subtending the access tandem (both equal and non-equal access), a single FGD trunk group may be used. Traffic terminating at a non-equal access end office using a FGD trunk group will be ordered as FGB or FGC and billed at FGB or FGC rates. Separate trunk groups for the combined use of FGD and FGB or FGD and FGC are not required. The description of any FGD Access Area will be provided to the customer upon request. FGD may also be used in the terminating direction to access information services (e.g., time and temperature) and IC services by dialing the appropriate codes when the services can be reached using valid NXX codes. (L)

(7) A separate trunk group will be established based on directionality (i.e. originating only, terminating only, or two-way traffic) of the FGD arrangement provided.

(8) The access code for FGD is a uniform access code of the form 10XXX or 101XXXX. No access code is required if the end user's local telephone service is arranged for presubscription to the same IC. (L)

(L) Material formerly appeared on 6th Revised Sheet 120 and 6th Revised Sheet 121.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. - Continued

The number dialed by the IC's end user shall be a 7 or 10 digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by the end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX. When the 101XXXX access code is used, FGD also provides for dialing the digit 0 for access to the IC's operator or the end-of-dialing (#) for cut-through access to the point of presence. FGD also provides for the dialing of digits 00 for access on a non-DDD basis to the IC's operator when the end user's service is designated to the IC. A single access code will be the assigned number of all FGD provided to the IC by the Utility. (C)

In addition to the standard 101XXXX access code, the customer has the option to use 950-XXXX as an access code for FGD Switched Access Service. When the customer orders FGD Switched Access Service with 950-XXXX Access as described in II.B.5(z), FGD switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as FGD switched access calls. (C)

FGD, provided with multifrequency address signaling or SS7 Out of Band Signaling, is arranged to receive address signaling through the use of DTMF or dial pulse address signaling from the end user.

(9) FGD may, at the option of the IC, be arranged to provide an ANI Arrangement to obtain the calling station billing number. The ANI arrangement provides seven-digit station billing number information to the CDL. When SS7 Out of Band Signaling is specified, the IC may obtain an ANI equivalent by ordering the charge number optional feature. In those situations where no billing number is available in the end office switch, as with four party service, no seven-digit number will be provided, only the area code and an "operator identification" information digit will be provided.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. - Continued

The number dialed by the IC's end user shall be a 7 or 10 digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by the end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX. When the 10XXX or 101XXXX access code is used, FGD also provides for dialing the digit 0 for access to the IC's operator or the end-of-dialing (#) for cut-through access to the point of presence. FGD also provides for the dialing of digits 00 for access on a non-DDD basis to the IC's operator when the end user's service is designated to the IC. A single access code will be the assigned number of all FGD provided to the IC by the Utility. (L)

In addition to the standard 10XXX or 101XXXX access code, the customer has the option to use 950-XXXX as an access code for FGD Switched Access Service. When the customer orders FGD Switched Access Service with 950-XXXX Access as described in II.B.5(z), FGD switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as FGD switched access calls.

FGD, provided with multifrequency address signaling or SS7 Out of Band Signaling, is arranged to receive address signaling through the use of DTMF or dial pulse address signaling from the end user.

(9) FGD may, at the option of the IC, be arranged to provide an ANI Arrangement to obtain the calling station billing number. The ANI arrangement provides seven-digit station billing number information to the CDL. When SS7 Out of Band Signaling is specified, the IC may obtain an ANI equivalent by ordering the charge number optional feature. In those situations where no billing number is available in the end office switch, as with four party service, no seven-digit number will be provided, only the area code and an "operator identification" information digit will be provided. (L)

(L) Material formerly appeared on 6th Revised Sheet 121 and Original Sheet 121.1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. - Continued

In those cases where an ANI failure has occurred in the end office switch, no seven-digit number will be provided, and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Utility. (L)

Dependent upon the group type, the ANI spill may be forwarded prior to the called number in appropriately equipped end offices. When the ANI spill is sent prior to the called number, 10 digits will be forwarded (NPA + NXX-XXXX). When the ANI spill is sent after the called number, the conventional seven digits will be forwarded. The Utility will determine the sequencing and protocol of the ANI spill and called number.

(10) FG-D may, at the option of the IC, be provided for interstate and intrastate communications as long as the IC provides the required reports.

(11) FG-D may, at the option of the IC, be provided with End Office End User Line Service Screening arrangement for calls in the originating direction. This arrangement provides the ability to screen originating call address signals to verify they are in accordance with the service provided to the calling station. The called NPA and/or NXX will be screened at end office switches designated by the Utility and the IC shall provide the screening criteria to the utility when the arrangement is ordered. (L)

(L) Material formerly appeared on 2nd Revised Sheet 122 and 2nd Revised Sheet 123.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. - Continued

(12) FG-D 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. Where equipment is available, FG-D will be provided in the originating direction to ICs equipped with 105 type test lines and responders or their equivalents and in the terminating direction to customers equipped with compatible remote office test lines with automatic testing. At the Utility's option, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Utility provides a technician at its office(s) and the IC provides a technician at its point of presence with suitable test equipment to perform the required tests. Additional testing charges will apply when: (a) the customer requests a test not specified in the preceding (b) the test requested is not essential to the ongoing maintenance of FG-D; or (c) the customer requests testing on a more frequent basis than scheduled for in the utility's central office maintenance planning system (COMPS). (L)

(L) Material formerly appeared on 2nd Revised Sheet 123.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. - Continued

d. When FGD or 800 Access service with SS7 Out of Band Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Utility and the customer at locations, dates, and times as specified by the Utility in consultation with the customer. Successful completion is necessary to receive the SS7 signaling option. To protect the security of the SS7 network, certain of the information provided, i.e., point codes, by the Utility to the customer will be subject to a nondisclosure agreement. (L)

(13) FG-D may, at the option of the IC, be provided with Alternate Traffic Routing. This arrangement delivers originating traffic from an end office over a designated trunk group to the point of presence. When that trunk group is fully loaded, additional originating traffic is automatically delivered over a second designated trunk group to a second point of presence. For existing arrangements only, up to three trunk groups to three points of presence may be provided.

(14) FG-D may, at the option of the IC, be provided with a Service Class Routing arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified points of presence based on service prefix (e.g., 0-, 0+, 1+); service class codes (e.g., 500, 700, 800, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/ motel). Service classes of traffic unable to be served by an IC will be handled at the option of the Utility. (L)

(L) Material formerly appeared on Original Sheet 123.1 and 4th Revised Sheet 124.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. - Continued

(15) FG-D may, at the option of the IC, be provided with a Call Destination Routing Arrangement. This arrangement allows the routing of traffic among multiple points of presence designated by an IC within an exchange or serving area based on the destination of such traffic outside a Utility's facilities, provided that no more than one point of presence exists at any physical location.

(16) FG-D will be arranged to accept calls from telephone exchange service without the 101XXXX uniform access code. Each telephone exchange service will be marked with a Presubscription code to identify which 101XXXX code its call will be directed to for Intermarket Area service. (C) (C)

(17) FGD may, at the option of the customer, be provided with a Trunk Access Limitation arrangement. The Trunk Access Limitation agreement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group.

(18) FGD may, at the option of the customer and with the Utility' s concurrence be provided with an Operator Assistance Full Feature arrangement. This arrangement provides, to the IC's operator, the initial coin control function. FGD is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement. The coin collection and return protocol required by the customer must be compatible with Utility equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Utility. This option is unavailable with SS7 Out of Band Signaling.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. - Continued

(15) FG-D may, at the option of the IC, be provided with a Call Destination Routing Arrangement. This arrangement allows the routing of traffic among multiple points of presence designated by an IC within an exchange or serving area based on the destination of such traffic outside a Utility's facilities, provided that no more than one point of presence exists at any physical location. (L)

(16) FG-D will be arranged to accept calls from telephone exchange service without the 10XXX or 101XXXX uniform access code. Each telephone exchange service will be marked with a Presubscription code to identify which 10XXX or 101XXXX code its call will be directed to for Intermarket Area service.

(17) FGD may, at the option of the customer, be provided with a Trunk Access Limitation arrangement. The Trunk Access Limitation agreement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group.

(18) FGD may, at the option of the customer and with the Utility' s concurrence be provided with an Operator Assistance Full Feature arrangement. This arrangement provides, to the IC's operator, the initial coin control function. FGD is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement. The coin collection and return protocol required by the customer must be compatible with Utility equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Utility. This option is unavailable with SS7 Out of Band Signaling. (L)

(L) Material formerly appeared on 4th Revised Sheet 124 and 4th Revised Sheet 125.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. - Continued

(19) FGD provided with either Type A, Type B, or Type C transmission performance as follows: (a) when routed directly to the end office, either Type B or Type C is provided; (b) when routed to an access tandem, only Type A is provided; (c) Type A is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Group 1. Type B and Type C are provided with Interface Groups 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGD. (L)

(20) FGD may, at the option of the customer, be provided with Band Configuration Screening for calls in the originating direction as set forth in this tariff.

(21) When Tandem Access Sectorization (TAS) is provided with FGD, all originating traffic from a region can be routed via an Equal Access Tandem to a specific CDL. (L)

(L) Material formerly appeared on 4th Revised Sheet 125 and 7th Revised Sheet 126.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

e. 800/877/888 Access Service (C)

800/877/888 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 800/877/888 number. It is available from all Utility end office switches. (C) (C)

When a 1+800-NXX-XXXX, 1+877-NXX-XXXX or 1+888-NXX-XXXX call is originated by an end user for 800/877/888 SAC Access Service, the 800/877/888 Customer Identification Function determines the customer to which the 800, 877 or 888 call is routed. (C) | (C)

When an 800/877/888 call is originated by an end user, the Utility will perform the customer identification function, based on all ten dialed digits to determine the customer to which the call is to be routed. Once customer identification has been established, the call will be routed to the customer for completion. (C)

The customer's 800/877/888 Access Service may be combined in the same trunk group arrangement with the customer's non-800/877/888 Access Service traffic, or, at the request of the customer, a separate trunk group will be established for 800/877/888 Access Service by means of the Service Class Routing optional feature. (C) (C) (C)

800/877/888 Access Service originating from equal access end offices with the Customer Identification Function may be provided using the exchange access signaling without overlap outpulsing and with ten digit ANI. 800/877/888 Access Service originating from equal access end offices without the Customer Identification Function capabilities, or from end offices not having equal access capability, may be provided using conventional signaling. On traffic using conventional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits. (C) (T) (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

e. 800 Access Service - Continued (T)

800/877/888 Access Service may also be provided with SS7 Out of Band Signaling from suitably equipped end office or access tandem switches. (C)

Originating Switched Access for 800/877/888 calls with the 800/877/888 customer identification function is available on FGD. 800/877/888 calls originating from equal access end offices will be routed to the customer with ten digit ANI. (C) (C)

Customer must order originating access in all LATAs from which their 800/877/888 number subscribers wish to receive 800/877/888 calls. Calls originating from a LATA in which the customer has not ordered originating access will be routed to an announcement. (C) (C)

Customers must provide the Utility with the POTS translation of 800/877/888 numbers assigned to those of their 800/877/888 number subscribers who will transport 800/877/888 calls on an intraLATA basis. (C) (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

f. 900 Access Services

900 Access Service is an originating trunk side service that provides for the forwarding of end user dialed 900-NXX-XXXX calls to a customer via a Utility designated switch capable of performing a customer identification function. The customer identification function determines the customer to which the 900 call is routed by the Utility based on the dialed digits. (L)

When a 1+900-NXX-XXXX call is origianted by an end user for 900 Access Service, the 900 Customer Identification Function determines the customer to which the call is to be routed.

1. 900 Service provides end users access to programs such as news, weather, financial information, entertainment and fun-raising services provided by an IP. The information may be in the form of voice or data. In addition, the program may be live or recorded and may be passive or interactive.

2. Callers access 900 Services by dialing 1-900-NXX-XXXX.

3. Each Customer is assigned carrier specific NXXs. The Utility routes 900 calls to the correct carrier based upon the NXX. The customer then connects the calls to the proper IP. (L)

(L) Material formerly appeared on 10th Revised Sheet 91, and Original Sheet 128.1.1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

f. - Continued

4. The customer pays the Utility the appropriate FGD switched access rates per access minutes of use for 900 calls delivered to the Customer Designated Location. The customer, in turn, bills the IP based on the customer's tariff. (L)

5. Blocking is available to the Utility's end users, under the terms and conditions set forth in Schedule Cal. P.U.C. No. A-40.

6. IP calls billed to a Utility calling card, third party calls billed to IP telephone numbers and collect calls to IP number are denied. All calls to an IP number from coin telephones and all calls requiring Utility operator assistance or handling are denied.

7. The Utility will recover the cost of blocking by assessing each customer a charge for each access minute billed to the customer for 900 calls made to the IP from the Utility's territory. (L)

(L) Material formerly appeared on 1st Revised Sheet 128.2.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

g. 500 Access Service

500 Access Service is an originating service that is provided via Service Access Code (SAC) Access Service switched trunk groups, or may be provided in conjunction with FGC or FGD. When a 1+500-NXX-XXXX or 0+500-NXX-XXXX call is originated by an end user for 500 SAC Access Service, the 500 Customer Identification Function determines the customer to which the call is to be routed based on the 500 NXX code dialed. (L)

1. The Customer Identification Function must be ordered in conjunction with each 500 Access Service trunk group. At the customer's option, 500 Access Service traffic can be carried on the same group with non-SAC Access traffic.

2. When a 1+500-NXX-XXXX or 0+500-NXX-XXXX call is originated by an End User, the Utility will perform the selected Customer Identification Function based upon the dialed digits to determine the disposition of the call. If the call originates from an end office not equipped to provide the Customer Identification Function, the call will be routed to an office where the function is available. Once the Customer Identification Function has been performed, the call will be routed to the customer. (L)

(L) Material formerly appeared on 10th Revised Sheet 91 and Original Sheet 128.3.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

g. - Contined

3. The manner in which 500 Access Service is provided is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access or not equipped with equal access capabilities). 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 FGD or BSA-D expect when more than one Utility access tandem is employed in the transport of a 500 Access Service Call. (L)

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 available with FGC, FGD, BSA-C or BSA-D. In either case, when more than one Utility access tandem is employed in the transport of a 500 Access Service call, Standard Transmission characteristics are not guaranteed. (C)

4. For other than FGC, end offices that lack equal access or the Customer Identification Function capabilities, may only be served via an equal access tandem over FGD trunks or 500 Access Service Trunk groups. For FGC, 500 Access Service can be provided through an existing trunk group or separate FGC trunk group which handles 500 Access Service. 500 Access Service from an access tandem, with both equal and nonequal access end offices, can be combined on a single FGD trunk group to the CDL. 500 Access Service from a Utility access tandem with nonequal access end offices can be provided on a FGC trunk group. (C) (L)

(L) Material formerly appeared on Original Sheet 128.3 and Original Sheet 128.4.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

g. - Continued

5. 500 SAC Access Service originating from equal access end offices with the 500 Customer Identification Function may be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 500 Access Service originating from equal access end offices without the Customer Identification Function capabilities, or from end offices not having equal access capability, may be provided using conventional signaling. On traffic using conventional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits. (L)

SAC Access Services may also be provided with SS7 Out of Band Signaling from suitably equipped end office or access tandem switches. (L)

(L) Material formerly appeared on Original Sheet 128.4.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (N)

2. Description of Basic Serving Arrangements (BSAs)

The Utility, under ordering provisions, at rates and charges specified, will provide Lineside, Trunkside and Dedicated Network Access Line (DNAL) Switched Access Basic Serving Arrangements (BSAs) as follows:

a. BSA-A

Basic Serving Arrangement A (BSA-A), which is available to all customers, provides line-side access to Utility end office switches with an end user access code of NXX-XXXX for the customer's use in originating and terminating communications. BSA-A is available as Message Telecommunications Service-type or Wide Area telecommunications Service-type (MTS/WATS-type) access or as Foreign Central Office/Off Network Access Line (FCO/ONAL) open end access, for customer provided intrastate communications capability or connection to an interexchange intrastate service.

1. BSA-A is provided at all Utility end office switches and switches customer communications to and from Common Lines, or Special Access Lines.

BSA-A utilizes a two-point electrical communications path between the Interface Arrangements and the Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

2. BSA-A is provided as line-side switching through end office switch line equipment. Line-side switching may, at the option of the customer, be provided with ground start supervisory signaling or loop start supervisory signaling. BSA-A may also be provided with certain Basic Service Elements (BSEs). (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

a. - Continued

3. The customer shall select the first point of switching, within the selected BSA-A Access Area.

4. BSA-A is arranged for originating calling only, terminating calling only or two-way calling. The Utility will determine the type of calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality. For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different than that the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

5. BSA-A, when being used in the terminating direction, is arranged with dial tone start-dial signaling and dial pulse address signaling. BSA-A, when being used in the terminating direction, may, at the option of the customer, be arranged for Dual Tone Multifrequency (DTMF) address signaling, subject to availability of equipment in the end office from which BSA-A is provided. When BSA-A is provided in a Hunt Group Arrangement or Uniform Call Distribution Arrangement, all BSA-A will be arranged for the same type of signaling. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

a. - Continued

No address signaling is provided by the Utility when BSA-A is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will be subject to the ordinary transmission capabilities of the Switched transport provided.

6. BSA-A, when used in the terminating direction, may be used to access valid NXXs in the BSA-A Access Area. For BSA-A, the Access Area is defined as the local calling area of the end office switching from which the BSA-A is provided. The description of any specific BSA-A Access Area will be provided to the customer upon request. Access is also provided for Extended BSA-A terminating calls established on a 1+ basis (i.e., toll) outside the specific BSA-A Access Area (i.e., local calling area) however inside the LATA. When a BSA-A customer chooses to terminate toll calls outside the LATA via an interexchange Carrier's Service (i.e., no screening or blocking performed by customer), the rates and charges in RATES Section apply. The Utility may, at the customer's request, and depending on the technical capabilities, screen and block such inter LATA calls. Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), local (T)
telephone repair (611), California Relay Serivce (711), emergency reporting service (911), (T)
information services (e.g., time and temperature) and IC services (by dialing the appropriate digits).

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

a. - Continued

No address signaling is provided by the Utility when BSA-A is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will be subject to the ordinary transmission capabilities of the Switched transport provided.

6. BSA-A, when used in the terminating direction, may be used to access valid NXXs in the BSA-A Access Area. For BSA-A, the Access Area is defined as the local calling area of the end office switching from which the BSA-A is provided. The description of any specific BSA-A Access Area will be provided to the customer upon request. Access is also provided for Extended BSA-A terminating calls established on a 1+ basis (i.e., toll) outside the specific BSA-A Access Area (i.e., local calling area) however inside the LATA. When a BSA-A customer chooses to terminate toll calls outside the LATA via an interexchange Carrier's Service (i.e., no screening or blocking performed by customer), the rates and charges in RATES Section apply. The Utility may, at the customer's request, and depending on the technical capabilities, screen and block such inter LATA calls. Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), emergency reporting service (911), local telephone repair (611), information services (e.g., time and temperature) and IC services (by dialing the appropriate digits). (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

a. - Continued

The customer will be billed for an operator surcharge as in the Utility General and/or Local Tariffs, for local operator assistance (0-) calls; certain community information service calls; directory assistance (411 and 555-1212) calls; and customer call charges in accordance with other IC tariffs in force when the Utility performs the billing for such customer calls.

Access to these services may, at the option of the customer, be blocked when the Call Denial on Line or Hunt group three digit or six digit dial code screening arrangements are provided, subject to the availability of the equipment in the end office from which BSA-A is provided. Call Denial on Line or Hunt Group is an arrangement which will screen terminating calls except calls to 411, 611, 711, 911, 800, 555-1212, and a set of NXXs selected by the customer, in cooperation with the Utility for each end office switch and route all other calls to reorder tone or recorded announcement. (T)

Three digit dial code screening is an arrangement which will screen terminating calls and allow completion of calls to one or more specific NXXs (or all NXXs) within the Home NPA, or calls to one, two, or three digit service codes (e.g., 0, 411) and route all others to reorder tone or recorded announcement.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

a. - Continued

The customer will be billed for an operator surcharge as in the Utility General and/or Local Tariffs, for local operator assistance (0-) calls; certain community information service calls; directory assistance (411 and 555-1212) calls; and customer call charges in accordance with other IC tariffs in force when the Utility performs the billing for such customer calls.

Access to these services may, at the option of the customer, be blocked when the Call Denial on Line or Hunt group three digit or six digit dial code screening arrangements are provided, subject to the availability of the equipment in the end office from which BSA-A is provided. Call Denial on Line or Hunt Group is an arrangement which will screen terminating calls except calls to 411, 611, 911, 800, 555-1212, and a set of NXXs selected by the customer, in cooperation with the Utility for each end office switch and route all other calls to reorder tone or recorded announcement.

Three digit dial code screening is an arrangement which will screen terminating calls and allow completion of calls to one or more specific NXXs (or all NXXs) within the Home NPA, or calls to one, two, or three digit service codes (e.g., 0, 411) and route all others to reorder tone or recorded announcement. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

a. - Continued

Six digit dial code screening is an arrangement which will screen Access Area terminating calls and allow completion of calls to selected NXXs within foreign NPAs and route all other calls in the foreign NPA to reorder tone or recorded announcement.

7. BSA-A is provided on a single line basis. When BSA-A is provided in a Hunt Group Arrangement or a Uniform Call Distribution Arrangement, the BSA-A may also, at the option of the customer, be provided with a Nonhunting Number Arrangement. The Uniform Call Distribution arrangement and the Nonhunting Number arrangement are only available from certain Utility end office switches. All BSA-A in a Hunt Group Arrangement or Uniform Call Distribution Arrangement with the Nonhunting Number Arrangement will be similarly arranged.

8. A seven digit telephone number assigned by the utility is provided for access to BSA-A 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.

9. BSA-A is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), dc continuity and when applicable operational signaling. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

a. - Continued

Where Utility equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, and milliwatt (102 type) test line.

Additional testing will apply when: (a) the customer requests a test not specified in the preceding: (b) the test requested is not essential to the ongoing maintenance of BSA-A; or (c) the customer requests testing on a more frequent basis than scheduled for in the Utility's Central Office Maintenance Planning system (COMPS). The Utility will routinely perform maintenance testing from the dial tone end office to the customer's first point of switching.

10. When all BSA-A for an individual customer (a single line or entire hunt group) is discontinued at an end office, a regular number 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.

11. BSA-A is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangement 2 through 10. In addition, Data transmission Parameters may, at the option of the customer, be provided with BSA-A. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

b. BSA-B

Basic Serving Arrangement B (BSA-B), which is available to all customers, provides trunks-side access to Utility end office switches with an associated uniform 950-1XXX or 950-0XXX access code for originating and terminating communications for customer provided intrastate communications capability or connection to an interexchange intrastate service.

1. BSA-B, when provided without the use of a Utility access tandem switch (in a directly routed arrangement), is provided at all Utility appropriately equipped electronic end office switches. When provided via Utility appropriately equipped electronic access tandem switches, BSA-B End Office Services are provided at all Utility subtending end office switches in the terminating direction and at appropriately equipped end offices in 950-XXXX. For those subtending end offices that are not appropriately equipped, access in the originating direction is available by the end user access code of 1+950-XXXX.

BSA-B utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or a Special Access Line, which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry, for the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

b. - Continued

2. BSA-B is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with wink start pulsing and answer and disconnect supervisory signaling. BSA-B may also be provided with certain Basic Service Elements (BSEs).

3. The Utility will select the trunking arrangement from the end office within the selected Access Area from which BSA-B is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement or Rotary Dial Station Signaling, special routing and trunking arrangements may be required.

4. BSA-B is arranged for either originating, terminating, or two-way calling based on the trunks or BHMC ordered. The Utility will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality. For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different from that the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two way calling permits either the origination or termination of calls, but not simultaneously. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

b. - Continued

5. BSA-B, when being used in the terminating and originating direction, is provided with multifrequency address signaling. At the option of the customer, up to 7 Digits Outpulsing of Access Digits to the customer will be provided in the originating direction by the Utility equipment to the CDL where the BSA-B terminates. Except for BSA-B provided with the ANI arrangement or Rotary Dial Station Signaling, any other address signaling in the originating direction, if required by the customer, must be provided by the end signals will not be regenerated by the Utility and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

6. BSA-B, when being used in the terminating direction, may be used to access valid NXXs in the BSA-B Access Area. If the BSA-B connection is made directly to an end office, the Access Area is that of that end office only. If the BSA-B connection is made to an access tandem, the Access Area is that of all end offices subtending that access tandem. The description of any BSA-B Access Area will be provided to the customer upon request. Access is also available to information services (e.g., time and temperature) and IC services by dialing the appropriate digits and other services when those services can be reached using valid NXX codes. Premium End Office Switching - Unbundled (EOSU) rates apply to all FGB usage originating or terminating at an equal access end office.

7. A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-B arrangement provided. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

b. - Continued

8. The access code for BSA-B is a uniform access code in the form of 950-XXXX. For end offices not appropriately equipped an IC may instruct their end users to access the BSA-B by dialing 1+950-XXXX.

9. BSA-B may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing numbers. ANI is not available if the BSA-B connection is at a Utility access tandem. The ANI arrangement provides seven digit calling station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no seven digit number will be provided, and an "identification failure" information digit will be provided. ANI will be available using multifrequency signaling provided by the Utility.

Rotary Dial Station Signaling will be made available in certain end offices using dial repeating equipment provided by the Utility. The customer must order Switched Transport arranged to pass the dial repeating signals. BSA-B is provided in directly routed arrangements where the ANI or Rotary Dial Station Signaling arrangements are provided.

Only calls from end users terminated on the end office switch will be provided with the ANI or Rotary Dial Station Signaling arrangements. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

b. - Continued

10. The Utility will determine the end office ANI protocol for BSA-B. The Utility makes no guarantee that ANI will be available at all end offices which have access to BSA-B.

11. BSA-B is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched noise) and where applicable, dc continuity, signaling and balance testing.

a. Where Utility equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line.

b. Where Utility equipment is available and the customer is equipped with compatible remote office test lines, BSA-B will be provided with automatic testing (105 type or equivalent) in the originating direction.

Additional testing charges apply when: (1) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-B; or (c) the customer requests testing on a more frequent basis than scheduled in the Utility's Central Office Maintenance Planning System (COMPS). The Utility will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

b. - Continued

12. When all BSA-B is discontinued at an end office and/or in an Access Area, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the BSA-B associated with the number dialed has been disconnected.

13. BSA-B is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the end office, when routed directly, or to the first point of switching, when routed via an access tandem. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data transmission Parameters may, at the option of the customer, be provided with BSA-B.

14. BSA-B may at the option of the customer and with the concurrence of the Utility, be provided with Alternate Traffic Routing. This arrangement delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

c. BSA-C

Basic Serving Arrangement C (BSA-C) provides trunk-side access to Utility end office switches for providers of MTS and WATS for originating and terminating communications. BSA-C is available in all end offices which are not equipped for FGD or BSA-D End Office Services.

1. BSA-C is provided at all Utility end office switches or Utility designated access tandem switches. BSA-C is available at an end office switch unless FGD or BSA-D is provided in the same office. When FGD or BSA-D is available, BSA-C will be discontinued as soon as the conversion to BSA-D can be arranged.

   BSA-C utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated signals within the frequency bandwidth of approximately 300 to 3000 Hz.

2. BSA-C is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start pulsing signals are provided in all offices where available. In those offices where wink start pulsing signals are not available, delay dial start pulsing signals will be provided.

   BSA-C may also be provided with certain Basic Service Elements (BSEs).

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

c. - Continued

3. The Utility will select the trunking arrangement from the end office within the selected Access Area from which BSA-C is to be provided. If the customer orders an ANI arrangement or Service Class Routing Arrangement, special routing and trunking arrangements may be required.

4. BSA-C is arranged for either originating calling only, terminating calling only, or two-way calling based on the trunks or BHMC ordered. The Utility will determine the type of Directional calling to be provided unless the customer requests the option, Customer Specification of Directionality. For such specification, additional charges on an Individual Case Basis will apply if the trunk group Routing arrangements are different from that the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

5. BSA-C is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such electromechancial end office switches, the address signaling will be dial pulse or revertive pulse signaling, whichever is available. Dial pulse address signaling may, at the option of the customer, be provided in lieu of multifrequency address signaling of such signaling facilities are available in the end office.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

c. - Continued

Up to twelve digits of the called party number dialed by the customer's end user will be provided by Utility equipment to the CDL where the BSA-C terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

6. BSA-C, when being used in the terminating direction, may be used to access NXXs in the BSA-C Access Area. If the BSA-C connection is made directly to an end office the Access Area is that of that end office only. If the BSA-C connection is made to a Utility access tandem the Access Area is that of all end offices subtending that Utility access tandem. The description of any BSA-C Access Area will be provided to the customer upon request. Access is also available to Directory Assistance and other services (by dialing the appropriate codes) when the services can be reached using valid NXX codes.

7. A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-C arrangement provided.

8. No access code is required for BSA-C. In certain locations, due to Central Office equipment limitations, two or three digit access codes may be used. The telephone number dialed by AT&TC'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 five to twelve digit number may be dialed. The form of the numbers dialed by AT&TC's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

c. BSA-C - Continued (T)

9. BSA-C may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing number. The ANI arrangement provides seven digit station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

In those case where an ANI failure has occurred in the end office switch, no seven digit number will be provided and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Utility.

BSA-C is provided in directly routed arrangements to the end office switch where the ANI arrangement is provided. The Utility will determine the end office ANI protocol for BSA-C.

Only calls from end users terminated on the end office switch will be provided with the ANI arrangement. ANI is provided from end offices for which Utility recording for end user billing is not provided, or where it is not required, as with 800/877/888 Service. It is not provided from end offices for which the Utility needs to forward ANI to its recording equipment. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

c. - Continued

10. BSA-C may, at the option of the customer, be arranged for International Direct Distance Dialing (IDDD) arrangement in the originating direction. End offices or Utility access tandems equipped for IDDD will be designated by the Utility. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.

11. BSA-C is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.

a. Where Utility equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. The access number shall include: balance (100 type) test line, milliwatt (102 type) test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, nonsynchronous or synchronous test line, loop around test line, short circuit test line and open circuit test line.

b. Where Utility equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), BSA-C will be provided with automatic testing. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

c. - Continued

c. At the option of the Utility, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Utility provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. The Utility will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

Additional testing charges will apply when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-C; or (c) the customer requests testing on a more frequent basis than scheduled in the Utility's Central Office Maintenance Planning System (COMPS).

12. BSA-C may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.

13. BSA-C may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDL based on service prefix (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel). (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

c. - Continued

14. BSA-C may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement in all Utility end offices. This arrangement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group to the CDL in order to limit the amount of such traffic that can be completed.

15. BSA-C is provided with the following features in the originating direction for operator assistance services. BSA-C may require the routing by service Class Routing Arrangement.

a. Operator Assistance-Coin Control Arrangements for Utility end offices where equipment is available - Such arrangements provide coin return control and routing of 0+, 0-, 01+ and 011+ prefixed originating calls to the CDL. The operator services system arrangement for receipt of 0+, 0-, 1+, 01+ and 011+ calls may, at the option of the customer, be provided with the ANI arrangement. The cord board arrangement for receipt of 0- originating calls is not provided with ANI. BSA-C is provided in a directly routed arrangement where the Operator Assistance-Coin Control arrangement is provided. Only calls from coin station lines terminated on the end office switch where the Operator Assistance-Coin Control Arrangement is provided will be provided to the CDL. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

c. - Continued

b. Operator Assistance-Noncoin Arrangements in all Utility end offices - Such arrangements provide routing of 0+, 0-, 1+ and 011+ prefixed originating calls to the CDL. This arrangement for receipt of 0+, 0-, 1+, 01+, and 011+ originating calls may, at the option of the customer, be provided with the ANI arrangement.

The cord board arrangement for receipt of 0- originating calls is not provided with ANI. BSA-C is provided in a directly routed arrangement where the Operator Assistance-Noncoin Arrangement is provided. Only calls from end users terminated on the end office switch where the Operator Assistance-Noncoin Arrangement is provided will be provided to the CDL.

c. Operator Assistance - Combined (coin and noncoin) Arrangements in Utility end offices where equipment is available - This arrangement provides the combined features described in a. and b.

16. BSA-C is provided with either Type B or Type C transmission performance as follows: (a) when routed directly to the end office, either Type B or Type C is provided; (b) when routed to an access tandem, only Type B is provided; or (c) Type B or Type C is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1 when routed directly to an end office. Type B is provided with Interface Arrangements 2 through 10 whether routed directly to an end office or to an access tandem. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-C. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

d. BSA-D

Basic Serving Arrangement D (BSA-D), available to all customers at appropriately equipped electronic end office switches, provides trunk-side access to Utility end office switches with an associated 101XXXX access code for providers of MTS/WATS and MTS/WATS-type services for originating and terminating communications for customer provided intrastate communications capability or connections to an interexchange intrastate service. (C)

1. BSA-D utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

   SS7 Out of Band Signaling for BSA-D is provided at suitably equipped Utility end office or access tandem switches.

2. BSA-D is provided as trunk-side switching through the use of end office or Utility access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling and wink start pulsing signals except when SS7 Out of Band Signaling is specified. BSA-D may also be provided with certain Basic Service Elements.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

d. BSA-D

Basic Serving Arrangement D (BSA-D), available to all customers at appropriately equipped electronic end office switches, provides trunk-side access to Utility end office switches with an associated 10XXX access code for providers of MTS/WATS and MTS/WATS-type services for originating and terminating communications for customer provided intrastate communications capability or connections to an interexchange intrastate service.

1. BSA-D utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

SS7 Out of Band Signaling for BSA-D is provided at suitably equipped Utility end office or access tandem switches.

2. BSA-D is provided as trunk-side switching through the use of end office or Utility access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling and wink start pulsing signals except when SS7 Out of Band Signaling is specified. BSA-D may also be provided with certain Basic Service Elements. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

d. - Continued

3. The Utility will select the trunk arrangement from the end office, within the selected Access Area from which BSA-D is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement or an Alternate Traffic Routing Arrangement, Service Class Routing Arrangement; Trunk Access Limitation Arrangement; or Operator Assistance Full Feature Arrangement, special routing and trunking arrangements may be required.

4. BSA-D is arranged for either originating calling only, terminating calling only, or two-way calling and is based on the trunks or BHMC ordered. The Utility will determine the type of directional calling to be provided unless the customer orders an Operator Assistance Full Feature Arrangement or requests the option, Customer Specification of Switched Access Directionality. For such arrangements, additional charges on an Individual Case Basis will apply if the trunking arrangements are different from that the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL. Two-way calling permits either the origination or termination of calls, but not simultaneously.

5. BSA-D is provided with multifrequency address signaling or SS7 Out of Band Signaling. Up to twelve digits of the called party number dialed by the end user will be provided by Utility equipment to the CDL where the BSA-D terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

d. - Continued

6. BSA-D, when being used in the terminating direction, may be used to access valid NXXs in the BSA-D Access Area. If the BSA-D connection is made directly to an end office the Access Area is that of that end office only. If the BSA-D connection is made to a Utility access tandem, the Access Area is all end offices subtending that access tandem that have BSA-D capabilities. When the customer wants access to all end offices subtending that access tandem (both equal access and non equal access) a single BSA-D trunk group may be used.

Traffic terminating at a non equal access end office using a BSA-D trunk group will be ordered as BSA-B or BSA-C and billed at BSA-B or BSA-C rates. Separate trunk groups for the combined use of BSA-D and BSA-B or BSA-D and BSA-C are not required. The description of any BSA-D Access Area will be provided to the customer upon request. BSA-D may also be used in the terminating direction to access information services (e.g., time and temperature) and other services by dialing the appropriate codes when the services can be reached using valid NXX codes.

7. A separate trunk group will be established based on directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-D arrangement provided. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

d. - Continued

8. The access code for BSA-D is a uniform access code of the form 101XXXX. No access code is required if the end user's Utility local service is arranged for Primary Interexchange Carrier (PIC) arrangement to the same customer. The number dialed by the 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 five to twelve digit number may be dialed. The form of the numbers dialed by the end users is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN. When the 101XXXX access code is used, BSA-D also provides for dialing the digit 0 for access to the customer's operator, or the end-of-dialing digit (#) for cut-through access to the CDL. (C) (C)

BSA-D also provides for the dialing of digits 00 for access on a non-DDD basis to the customer's operator when the end user's service is designated to the customer. A single access code will be the assigned number for all BSA-D provided to the customer by the Utility.

In addition to the standard 101XXXX access code, the customer has the option to use 950-XXXX as an access code for FGD Switched Access Service. When the customer orders FGD Switched Access Service with 950-XXXX Access, FGD switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as FGD switched access calls. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

d. - Continued

8. The access code for BSA-D is a uniform access code of the form 10XXX. No access code is required if the end user's Utility local service is arranged for Primary Interexchange Carrier (PIC) arrangement to the same customer. The number dialed by the 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 five to twelve digit number may be dialed. The form of the numbers dialed by the end users is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN. When the 10XXX access code is used, BSA-D also provides for dialing the digit 0 for access to the customer's operator, or the end-of-dialing digit (#) for cut-through access to the CDL.

BSA-D also provides for the dialing of digits 00 for access on a non-DDD basis to the customer's operator when the end user's service is designated to the customer. A single access code will be the assigned number for all BSA-D provided to the customer by the Utility.

In addition to the standard 10XXX or 101XXXX access code, the customer has the option to use 950-XXXX as an access code for FGD Switched Access Service. When the customer orders FGD Switched Access Service with 950-XXXX Access, FGD switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as FGD switched access calls. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

d. - Continued

BSA-D, provided with multifrequency address signaling or SS7 Out of Band Signaling, is arranged to receive address signaling through the use of Dual Tone Multifrequency (DTMF) or dial pulse address signaling from the end user.

9. BSA-D may, at the option of the customer, be arranged to provide ANI arrangement to obtain the calling station billing number. The ANI arrangement provides ten digit station billing number information to the CDL. When SS7 Out of Band Signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no ten digit number will be provided, only the area code and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no ten digit number will be provided, and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Utility.

Dependent upon the group type, the ANI spill may be forwarded prior to the called number in appropriately equipped end offices. When the ANI spill is sent prior to the called number, ten digits will be forwarded (NPA + NXX-XXXX). When the ANI spill is sent after the called number, the conventional seven digits will be forwarded. The Utility will determine the sequencing and protocol of the ANI spill and called number. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

d. - Continued

10. BSA-D may, at the option of the customer, be arranged for the International Direct Distance Dialing (IDDD) Arrangement in the originating direction. End Offices or Utility access tandems equipped for IDDD will be designated by the Utility. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.

BSA-D may also be arranged to forward the international calls of one or more international carriers to the customer. This arrangement requires verification by the Utility that the customer is authorized to forward such calls.

11. BSA-D is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.

a. Where Utility equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: 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. Access to test lines by other than seven digits is at the option of the Utility and may vary in availability. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

d. - Continued

b. Where Utility equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), BSA-D will be provided with automatic testing.

c. At the option of the Utility, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Utility provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. The Utility will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching. Additional testing charges will apply when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-D; or (c) the customer requests testing on a more frequent basis than scheduled in the Utility's Central Office Maintenance Planning System (COMPS). (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

d. - Continued

d. When BSA-D or 800 SAC Access service with SS7 Out of Band Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Utility and the customer at locations, dates, and times as specified by the Utility in consultation with the customer. These tests are as specified in Bellcore Technical Reference Publication TR-TSV-00905. Successful completion is necessary to receive the SS7 signaling option. To protect the security of the SS7 network, certain of the information provided, i.e., point codes, by the Utility to the customer will be subject to a nondisclosure agreement.

12. BSA-D may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.

13. BSA-D may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDLs based on service prefix code (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel). Service classes of traffic unable to be served by a customer will be handled at the option of the Utility. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

d. - Continued

14. BSA-D will be arranged to accept calls from Utility local service without the 101XXXX uniform access code. Each Utility local service will be marked to identify which 101XXXX code its calls will be directed to for InterLATA Area service. (C) (C)

15. BSA-D may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement. The Trunk Access Limitation Arrangement provides for the routing of designated (e.g., 900 Service class code) originating calls to a specified number of transmission paths in a trunk group.

16. BSA-D may, at the option of the customer, be provided with an Operator Assistance Full Feature Arrangement. This arrangement provides, to the customer operator, the initial coin control function. BSA-D is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement. The coin collection and return protocol required by the customer must be compatible with Utility equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Utility. This option is unavailable in conjunction with SS7 Out of Band Signaling.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

d. - Continued

14. BSA-D will be arranged to accept calls from Utility local service without the 10XXX or 101XXXX uniform access code. Each Utility local service will be marked to identify which 10XXX or 101XXXX code its calls will be directed to for InterLATA Area service.

15. BSA-D may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement. The Trunk Access Limitation Arrangement provides for the routing of designated (e.g., 900 Service class code) originating calls to a specified number of transmission paths in a trunk group.

16. BSA-D may, at the option of the customer, be provided with an Operator Assistance Full Feature Arrangement. This arrangement provides, to the customer operator, the initial coin control function. BSA-D is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement. The coin collection and return protocol required by the customer must be compatible with Utility equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Utility. This option is unavailable in conjunction with SS7 Out of Band Signaling. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

d. - Continued

17. BSA-D is provided with either Type A, Type B, or Type C transmission performance as follows: (a) when routed directly to the end office, either Type B or Type C is provided; (b) when routed to an access tandem, only Type A is provided; (c) Type A is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1. Type A and Type B are provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-D.

18. BSA-D trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with BSA-D is Overlap Outpulsing. At the option of the customer, where technically available BSA-D may be provided with Non-Overlap Outpulsing signaling protocol. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued (N)

e. Dedicated Network Access Link

The DNAL provides a connection between the customer designated location and the Utility End Office that provides the BSA-A dial tone for connection to equipment is not part of the end office switch but that is used to provide the Simplified Message Desk Interface (SMDI) BSE. The DNAL is only available for use in conjunction with SMDI BSE.

DNAL service is a four-wire channel which is capable of transmitting signals within the frequency bandwidth of approximately 300 to 3000 Hz.

There are two rate elements which apply to DNALs. The entrance facility, which provides the transmission path and interface between the Utility's serving wire center and the customer provided facilities at the point of termination at the CDL. If the serving wire center is not the BSA-A dial tone office, then Direct-Trunked Transport will also apply for the mileage between the serving wire center and the BSA-A dial tone office.

The rates and charges for four-wire voiceband Entrance Facilities and Direct-Trunked Transport Facility-Voiceband apply for the DNAL Entrance Facility and DNAL Direct-Trunked Transport, respectively.

f. Alarm Signal Transport Service (ASTS)

ASTS is offered via DC (Metallic) and telegraph-grade facilities in conjunction with special scanning equipment in the central office.

DC (Metallic) and telegraph-grade facilities and services were discontinued effective November 3, 1991. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

Material omitted now shown on Original Sheet 90.32,
Original Sheet 90.34 and Original Sheet 90.36.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (N)

3. Description of Switched Transport

a. General

(1) Switched Transport provides the transmission of Switched Access communications including SAC Access Service, between the CDL and the originating or terminating end office switch(es) in the Access Area with one exception. Switched Transport associated with FGA or BSA-A 1+ terminating traffic provides for the transmission of Switched Access outside the Access Area, however within the LATA. Switched Transport is comprised of the following rate elements: an Entrance Facility Rate, a Direct-Trunked Transport Rate, and a Tandem-Switched Transport Rate. A Dedicated Switched Access Transport Rate is associated with CCS7 Access Service. (C)

An EIS Cross Connect rate applies where switched access is interconnected with a customer's transmission facilities in accordance with Section XVII.

The Entrance Facility Rate is assessed upon customers for the use of Utility Voiceband, DS1 and DS3 high capacity facilities, including interface arrangements, between the point of termination at the Customer Designated Location (CDL) and the Utility's serving wire center. The Entrance Facility is further described in II.B.3.(b).

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

3. Description of Switched Transport (T)

a. General

(l) Switched Transport provides the transmission of Switched Access communications including SAC Access Service, between the CDL and the originating or terminating end office switch(es) in the Access Area with one exception. Switched Transport associated with FGA or BSA-A 1+ terminating traffic provides for the transmission of Switched Access outside the Access Area, however within the LATA. Switched Transport is comprised of the following rate elements: an Entrance Facility Rate, a Direct-Trunked Transport Rate, a Tandem-Switched Transport Rate and an Interconnection Rate. A Dedicated Switched Access Transport Rate is associated with CCS7 Access Service. (C)

An EIS Cross Connect rate applies where switched access is interconnected with a customer's transmission facilities in accordance with Section XVII.

The Entrance Facility Rate is assessed upon customers for the use of Utility Voiceband, DS1 and DS3 high capacity facilities, including interface arrangements, between the point of termination at the Customer Designated Location (CDL) and the Utility's serving wire center. The Entrance Facility is further described in II.B.3.(b). (T)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

3. Description of Switched Transport - Continued

a. General - Continued (T)

(1) Continued (N)

The Direct-Trunked Transport Rate is assessed upon customers for the use of Voiceband, DS1 and DS3 high capacity transport facilities dedicated to a single customer between a serving wire center and end office (including host end offices), between a serving wire center and a Utility Hub for multiplexing purposes, between a serving wire center and a Directory Assistance Center, between a Utility Hub and an end office and between a serving wire center and a tandem*. The Direct-Trunked Transport Rate is flat-rated and, with the exception of Voiceband Transport, has both distance-sensitive and nondistance-sensitive components. Voiceband Direct-Trunked Transport is distance sensitive only. Direct-Trunked Transport is further described in II.B.3(c).

A Dedicated Trunk Port is applicable to the purchase of dedicated trunks terminated by that port. The Dedicated Trunk Port provides for the termination of a dedicated trunk at the end office or access tandem. The Dedicated Trunk Port is a flat rated charge assessed on a per trunk basis. The rate is determined based on whether the trunk is Voiceband or DS1. (N) (N)

The Tandem-Switched Transport Rate is assessed upon customers for the use of transport between a serving wire center and an end office that is switched at an access tandem. The Tandem-Switched Transport Rate may also be assessed for transport between an access tandem and end office and between a host end office and a remote end office. Tandem-Switched Transport consists of circuits dedicated to the use of a single customer from the serving wire center to the tandem and circuits used in common by multiple customers from the tandem to an end office. The Tandem-Switched Transport Rate includes three subelements, a Tandem-Switched Transport - Facility, Tandem-Switched Transport - Termination, and a Tandem Switching Rate. The Tandem Switching Rate is not applicable for transport between a host end office and a remote end office or to FGA or BSA-A Transport. Tandem-Switched Transport is further described in II.B.3(d).

(D)
(D)

(D)
(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 3. a. - Continued

The Direct-Trunked Transport Rate is assessed upon customers for the use of Voiceband, DS1 and DS3 high capacity transport facilities dedicated to a single customer between a serving wire center and end office (including host end offices), between a serving wire center and a Utility Hub for multiplexing purposes, between a serving wire center and a Directory Assistance Center, between a Utility Hub and an end office and between a serving wire center and a tandem*. The Direct-Trunked Transport Rate is flat-rated and, with the exception of Voiceband Transport, has both distance-sensitive and nondistance-sensitive components. Voiceband Direct-Trunked Transport is distance sensitive only. Direct-Trunked Transport is further described in II.B.3(c). (T)

The Tandem-Switched Transport Rate is assessed upon customers for the use of transport between a serving wire center and an end office that is switched at an access tandem. The Tandem-Switched Transport Rate may also be assessed for transport betweeen an access tandem and end office and between a host end office and a remote end office. Tandem-Switched Transport consists of circuits dedicated to the use of a single customer from the serving wire center to the tandem and circuits used in common by multiple customers from the tandem to an end office. The Tandem-Switched Transport Rate includes three subelements, a Tandem-Switched Transport - Facility, Tandem-Switched Transport - Termination, and a Tandem Switching Rate. The Tandem Switching Rate is not applicable for transport between a host end office and a remote end office or to FGA or BSA-A Transport. Tandem-Switched Transport is further described in II.B.3(d).

The Interconnection Rate is assessed upon all customers for interconnecting with the Utility's switched access network. The Interconnection Rate is further described in II.B.3.(e).

* Due to billing constraints, the ordering of Tandem Switched Transport in conjunction with Direct-Trunked Transport is temporarily unavailable. (N)

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

3. Description of Switched Transport - Continued

a. General - Continued (T)

(1) Continued (N)

(D)
(D)

(2) Switched Transport facilities provide two-way voice frequency transmission paths which permits the transport of calls in the originating direction (from the end office switch to the CDL), and in the terminating direction (from the CDL 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 the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. Direct-Trunked Transport and Entrance Facilities are composed of facilities as ordered by the customer.

The Utility will work cooperatively with the customer in determining (1) service to be routed directly to an end office switch or via an access tandem switch and (2) the directionality of the service.

(3) For Tandem-Switched Transport the number of Switched Transport transmission paths provided between an end office switch and an access tandem are determined by the Utility using standard traffic engineering methods. The number of Switched Transport transmission paths provided between the access tandem and serving wire center of the CDL is determined by the customer's order. If ordered in BHMC, the Utility will determine the number of trunks, using standard traffic engineering methods.

When Direct-Trunked Transport is ordered directly to an access tandem, facilities between the serving wire center of the CDL and the Access Tandem will be determined by the customer's order. (T)

(D)
(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 2. a. - Continued

The application of the Switched Transport rates and the determination of mileage measurements for Switched Transport is in II.E.15.

(2) Switched Transport facilities provide two-way voice frequency transmission paths which permits the transport of calls in the originating direction (from the end office switch to the CDL), and in the terminating direction (from the CDL 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 the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. Direct-Trunked Transport and Entrance Facilities are composed of facilities as ordered by the customer.

The Utility will work cooperatively with the customer in determining (1) service to be routed directly to an end office switch or via an access tandem switch and (2) the directionality of the service.

(3) For Tandem-Switched Transport the number of Switched Transport transmission paths provided between an end office switch and an access tandem are determined by the Utility using standard traffic engineering methods. The number of Switched Transport transmission paths provided between the access tandem and serving wire center of the CDL is determined by the customer's order. If ordered in BHMC, the Utility will determine the number of trunks, using standard traffic engineering methods.

When Direct-Trunked Transport is ordered directly to an access tandem*, facilities between the serving wire center of the CDL and the Access Tandem will be determined by the customer's order. (T)

* Due to billing constraints, the ordering of Tandem Switched Transport in conjunction with Direct-Trunked Transport is temporarily unavailable. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 2.

b. Entrance Facility (C)

The Entrance Facility provides the transmission path and the interface between the Utility's serving wire center and customer provided facilities at the point of termination at the CDL. (C)

Switched Access is provided in a number of separate Entrance Facilities. Each Entrance Facility provides a specified facility interface (e.g., two-wire, four-wire, DS1, etc.). Provision of the Interface Arrangements and any Optional Arrangements may require placement of Utility equipment [e.g., supervisory signaling equipment] on the customer's premises. (T)

Where transmission facilities permit, the individual transmission paths between the point of termination and the first point of switching may, at the option of the customer, be provided with Optional Arrangements.

The following Standard Entrance Facilities are available: (T)

Two Wire VF
Four Wire VF
Group Analog (existing customers only) (T)
Supergroup Analog (existing customers only)
Mastergroup Analog (existing customers only) (T)
DS1 Digital
DS1C Digital (existing customers only) (T)
DS3 Digital
DS3C Digital (existing customers only) (T)

In lieu of an Entrance Facility, Switched Access may be interconnected with a customer's transmission facilities in accordance with Section XVII. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 3. b. - Continued

The number of Entrance Facilities provided is determined by the customer's order for service.

(1) Two-Wire Voice Frequency Entrance Facility

(a) The Two-Wire Voice Frequency Entrance Facility, except as in (b), provides two-wire voice frequency transmission at the point of termination at the CDL. The interface is capable of transmitting signals within the frequency bandwidth of approximately 300 to 3000 Hz.

(b) The Two-wire interface is not provided in association with FGC, FGD, BSA-C, and BSA-D when the first point of switching is an access tandem. In addition, the two-wire interface is not provided in association with FGB and BSA-B when the first point of switching is an access tandem where two-wire terminations are not provided. (C) (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 3. b. (1) - Continued

(c) The transmission path between the point of termination at the CDL and the serving wire center may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

(d) The Two-Wire interface is provided with loop supervisory signaling. When the interface is associated with FGA or BSA-A, such signaling may be loop start or ground start. When the interface is associated with FGB, FGC, FGD, BSA-B, BSA-C and BSA-D, such signaling, except for two-way calling, may be reverse battery signaling. The interface may, at the option of the customer, be provided with DX supervisory signaling, or E&M supervisory signaling. (C) (C)

(2) Four-Wire Voice Frequency Entrance Facility

(a) The Four-Wire Voice Frequency Entrance Facility provides a four-wire voice frequency transmission at the point of termination at the CDL. The interface is capable of transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

(b) The transmission path between the point of termination at the CDL and the serving wire center may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 3. b. (2) - Continued

(c) The interface is provided with loop supervisory signaling. When the interface is associated with FG-A or BSA-A, such signaling may be loop start or ground start signaling. When the interface is associated with FG-B, FG-C, FG-D, BSA-B, BSA-C and BSA-D, such signaling, except for two-way calling, may be reverse battery signaling. The interface may, at the option of the customer, be provided with supervisory signaling. (C) (C)

(3) Group Analog Entrance Facility

(a) The Group Analog Entrance Facility provides a group level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to multiplex up to 12 voice frequency transmission paths. Before the serving wire center and the point of termination at the CDL, the Utility may, at its option, provide multiplex equipment to derive 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

(b) The interface is provided with individual transmission path supervisory signaling.

(c) The Group Analog Entrance Facility is obsolete technology and is available only to existing customers.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

3. Description of Switched Transport - Continued (T)

a. General - Continued (N)

(4) Supergroup Analog Entrance Facility

(a) The Supergroup Analog Entrance Facility provides supergroup level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to multiplex up to 60 voice frequency transmission paths. Between the serving wire center and the point of termination the Utility may, at its option, provide multiplex equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz to promote transmission efficiency, if required.

(b) The interface is provided with individual transmission path SF supervisory signaling.

(c) The Supergroup Analog Entrance Facility is obsolete technology and is available only to existing customers.

(5) Mastergroup Analog Entrance Facility

(a) The Mastergroup Analog Entrance Facility provides mastergroup level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to multiplex up to 600 voice frequency transmission paths. Between the serving wire center and the point of termination at the CDL, the Utility may, at its option, provide multiplex equipment to derive 600 transmission paths of frequency bandwidth to approximately 300 to 3000 Hz to promote transmission efficiency, if required.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 2. b. - Continued

(4) Supergroup Analog Entrance Facility (T)

(a) The Supergroup Analog Entrance Facility provides supergroup level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to multiplex up to 60 voice frequency transmission paths. Between the serving wire center and the point of termination the Utility may, at its option, provide multiplex equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz to promote transmission efficiency, if required. (T)

(b) The interface is provided with individual transmission path SF supervisory signaling.

(c) The Supergroup Analog Entrance Facility is obsolete technology and is available only to existing customers. (N)

(5) Mastergroup Analog Entrance Facility (N)

(a) The Mastergroup Analog Entrance Facility provides mastergroup level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to multiplex up to 600 voice frequency transmission paths. Between the serving wire center and the point of termination at the CDL, the Utility may, at its option, provide multiplex equipment to derive 600 transmission paths of frequency bandwidth to approximately 300 to 3000 Hz to promote transmission efficiency, if required. (T)

Material omitted now shown on 3rd Revised Sheet 96

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

3. Description of Switched Transport - Continued

a. General - Continued (T)

(5) Continued (N)

(b) The interface is provided with individual transmission path SF supervisory signaling.

(c) The Mastergroup Analog Entrance Facility is obsolete technology and is available only to existing customers.

(6) DS1 Digital Entrance Facility

(a) The DS1 Digital Entrance Facility provides DS1 level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 1.544 Mbps, with the capability to multiplex up to 24 voice frequency transmission paths. Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations are provided, the Utility may, at its option, provide multiplex equipment to derive 24 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations are provided, the Utility will provide, at the customer's request, at the first point of switching, DS1 signals in D4 or D3 format.

(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(7) DS1C Digital Entrance Facility

(a) The DS1C Digital Entrance Facility provides a DS1C level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 3.152 Mbps, with the capability to multiplex up to 48 voice frequency transmission paths.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 2. b. - Continued

(b) The interface is provided with individual transmission path SF supervisory signaling. (L)
(L)

(c) The Mastergroup Analog Entrance Facility is obsolete technology and is available only to existing customers. (N)
(N)

(6) DS1 Digital Entrance Facility

(T)

(a) The DS1 Digital Entrance Facility provides DS1 level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 1.544 Mbps, with the capability to multiplex up to 24 voice frequency transmission paths. Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations are provided, the Utility may, at its option, provide multiplex equipment to derive 24 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations are provided, the Utility will provide, at the customer's request, at the first point of switching, DS1 signals in D4 or D3 format. (T)
(T)
(T)

(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(7) DS1C Digital Entrance Facility

(a) The DS1C Digital Entrance Facility provides a DS1C level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 3.152 Mbps, with the capability to multiplex up to 48 voice frequency transmission paths. (T)
(T)

(L) Material previously shown on 2nd Revised Sheet 95
Material omitted now shown on 3rd Revised Sheet 97.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

3. Description of Switched Transport - Continued

a. General - Continued (T)

(7) Continued (N)

(a) Continued

Between the first point of switching and the point of termination, when analog switching utilizing analog terminations are provided, the Utility may, at its option, provide multiplex equipment to derive up to 48 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations are provided, the Utility will provide, at the first point of switching, DS1 signals in D3 or D4 format.

(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(c) As of December 30, 1993, the DS1C Digital Entrance Facility is available to existing customers only.

(8) DS3 Digital Entrance Facility

(a) The DS3 Digital Entrance Facility provides, on a protected basis, a DS3 level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 44.736 Mbps, with the capability to multiplex up to 672 voice frequency transmission paths.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 2. b. (7) (a) - Continued

Between the first point of switching and the point of termination, when analog switching utilizing analog terminations are provided, the Utility may, at its option, provide multiplex equipment to derive up to 48 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations are provided, the Utility will provide, at the first point of switching, DS1 signals in D3 or D4 format. (C) (L) (C) (L)

(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(c) As of December 30, 1993, the DS1C Digital Entrance Facility is available to existing customers only. (N) (N)

(8) DS3 Digital Entrance Facility (T)

(a) The DS3 Digital Entrance Facility provides, on a protected basis, a DS3 level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 44.736 Mbps, with the capability to multiplex up to 672 voice frequency transmission paths. (T)

(L) Material previously shown on 2nd Revised Sheet 96
Material omitted now shown on 3rd Revised Sheet 98.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

3. Description of Switched Transport - Continued

a. General - Continued (T)

(8) Continued

(a) Continued

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations are provided, the Utility may, at its option, provide multiplex equipment to derive up to 672 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations are provided, the Utility will provide, at the customer's request, at the first point of switching, DS1 signals in D3 or D4 format.

(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Utility reserves the right to choose this equipment.

(9) DS3C Digital Entrance Facility

(a) The DS3C Digital Entrance Facility provides a DS3C level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 89.472 Mbps, with the capability to multiplex up to 1,344 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations are provided, the Utility may, at its option, provide multiplex equipment to derive up to 1,344 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 2. b. (8) - Continued

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations are provided, the Utility may, at its option, provide multiplex equipment to derive up to 672 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations are provided, the Utility will provide, at the customers's request, at the first point of switching, DS1 signals in D3 or D4 format. (T)

(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Utility reserves the right to choose this equipment.

(9) DS3C Digital Entrance Facility

(a) The DS3C Digital Entrance Facility provides a DS3C level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 89.472 Mbps, with the capability to multiplex up to 1,344 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations are provided, the Utility may, at its option, provide multiplex equipment to derive up to 1,344 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

3. Description of Switched Transport - Continued

a. General - Continued (T)

(9) Continued

(a) Continued (N)

When digital switching or analog switching with digital carrier terminations are provided, the Utility will provide, at the customer's request, at the first point of switching, DS1 signals in D3 or D4 format.

(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Utility reserves the right to choose this equipment.

(d) As of December 30, 1993, the DS3C Entrance Facility is available to existing customers only.

b. Direct-Trunked Transport (T)

The Direct-Trunked Transport Rate is assessed upon customers for the use of Voiceband, DS1 or DS3 high capacity transport dedicated to the customer of record from a serving wire center to an end office (including host end offices), between a serving wire center and a Utility Hub for multiplexing purposes, between two Utility Hubs, between a serving wire center and a Directory Assistance Center, between a Utility Hub and end office or between a serving wire center and a tandem, between an EIS arrangement and serving wire centers, end offices, tandems or a Directory Assistance Center. The Direct-Trunked Transport Rate is flat-rated and, with the exception of Voiceband Transport, has both distance-sensitive and nondistance-sensitive components. Voiceband Transport has only a distance-sensitive component. The distance-sensitive mileage recovers costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. (T)

A Dedicated Trunk Port charge shall be assessed on a per voicegrade or DS1 channel terminating at an end office or access tandem. (N) (N)

(D)
(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 2. b. (9) - Continued

When digital switching or analog switching with digital carrier terminations are provided, the Utility will provide, at the customer's request, at the first point of switching, DS1 signals in D3 or D4 format.

(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Utility reserves the right to choose this equipment.

(d) As of December 30, 1993, the DS3C Entrance Facility is available to existing customers only.

c. Direct-Trunked Transport

The Direct-Trunked Transport Rate is assessed upon customers for the use of Voiceband, DS1 or DS3 high capacity transport dedicated to the customer of record from a serving wire center to an end office (including host end offices), between a serving wire center and a Utility Hub for multiplexing purposes, between two Utility Hubs, between a serving wire center and a Directory Assistance Center, between a Utility Hub and end office or between a serving wire center and a tandem*, between an EIS arrangement and serving wire centers, end offices, tandems or a Directory Assistance Center. The Direct-Trunked Transport Rate is flat-rated and, with the exception of Voiceband Transport, has both distance-sensitive and nondistance-sensitive components. Voiceband Transport has only a distance-sensitive component. The distance-sensitive mileage recovers costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. (T)

* Due to billing constraints, the ordering of Tandem Switched Transport in conjunction with Direct-Trunked Transport is temporarily unavailable. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

3. Description of Switched Transport - Continued

b. Direct-Trunked Transport - Continued (T)

The non-distance sensitive component, i.e., the termination component, recovers costs of circuit equipment at the ends of the transmission links. Direct-Trunked Transport is not provided at Utility end offices that are not capable of measuring switched access minutes of use. These end offices are specified in NECA Tariff FCC No. 4.

c. Tandem-Switched Transport (T)

The Tandem-Switched Transport Rate is assessed upon customers for the use of transport from a serving wire center to an end office that is switched at a tandem. The Tandem-Switched Transport rate may also be assessed for transport between an access tandem and end office and between a host end office and a remote end office. Tandem-Switched Transport consists of circuits dedicated to the use of a single customer from the serving wire center to the tandem and circuits used in common by multiple customers from the tandem to an end office. The Tandem-Switched Transport Rate includes three subelements, a Tandem-Switched Transport - Facility, a Tandem-Switched Transport - Termination, and a Tandem Switching Rate. The Tandem-Switched Transport - Facility is usage rated and distance-sensitive, i.e., a per access minute per airline mile rate. The rate recovers costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Tandem-Switched Transport - Termination is a usage rated, per minute rate to recover costs incurred at the ends of the transmissions links. The Tandem Switching Rate is a usage rated, per minute rate to recover a portion of the Tandem switching costs. The Tandem Switching Rate is not applicable for transport between a host end office and a remote end office.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 2. b. (9) - Continued

c. Direct-Trunked Transport - Continued (N)

The non-distance sensitive component, i.e., the termination component, recovers costs of circuit equipment at the ends of the transmission links. Direct-Trunked Transport is not provided at Utility end offices that are not capable of measuring switched access minutes of use. These end offices are specified in NECA Tariff FCC No. 4.

d. Tandem-Switched Transport

The Tandem-Switched Transport Rate is assessed upon customers for the use of transport from a serving wire center to an end office that is switched at a tandem. The Tandem-Switched Transport rate may also be assessed for transport between an access tandem and end office and between a host end office and a remote end office. Tandem-Switched Transport consists of circuits dedicated to the use of a single customer from the serving wire center to the tandem and circuits used in common by multiple customers from the tandem to an end office. The Tandem-Switched Transport Rate includes three subelements, a Tandem-Switched Transport - Facility, a Tandem-Switched Transport - Termination, and a Tandem Switching Rate. The Tandem-Switched Transport - Facility is usage rated and distance-sensitive, i.e., a per access minute per airline mile rate. The rate recovers costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Tandem-Switched Transport - Termination is a usage rated, per minute rate to recover costs incurred at the ends of the transmissions links. The Tandem Switching Rate is a usage rated, per minute rate to recover a portion of the Tandem switching costs. The Tandem Switching Rate is not applicable for transport between a host end office and a remote end office. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

3. Description of Switched Transport - Continued (T)

d. (D)(T)

(D)

e. Multiplexing (T)

Multiplexing provides for arrangements to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Monthly rates and nonrecurring charges for multiplexing apply as follows: 1) the DS3/DS1 Multiplexing Charge applies to all DS3 to DS1 multiplexing arrangements; 2) the DS1/Voice Multiplexing Charge applies to all DS1 Entrance Facility and Direct-Trunked Transport circuits that terminate in an analog office and where the multiplexer performs DS1/Voice multiplexing functions; 3) a Multiplexing Charge will always apply for High Capacity shared use switched and special access facilities.

Listed below are the multiplexing arrangements offered with switched access.

- DS1 to Voice

  An arrangement that multiplexes twenty-four voice grade circuits to a single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to twenty-four voice grade circuits.

- DS3 to DS1

  An arrangement that multiplexes twenty-eight DS1 digital circuits to a single DS3 digital circuit at a rate of 44.736 Mbps, or multiplexes a single DS3 digital circuit at a rate of 44.736 Mbps to twenty-eight DS1 digital circuits.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 2. b. (9) - Continued

e. Interconnection Rate (N)

The Interconnection Rate is assessed upon all customers for interconnecting with the Utility's switched access network. It is a usage rated per minute rate and applies to all originating and terminating minutes of use whether transported via Direct-Trunked Transport, Tandem-Switched Transport or Entrance Facilities.

f. Multiplexing

Multiplexing provides for arrangements to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Monthly rates and nonrecurring charges for multiplexing apply as follows: 1) the DS3/DS1 Multiplexing Charge applies to all DS3 to DS1 multiplexing arrangements; 2) the DS1/Voice Multiplexing Charge applies to all DS1 Entrance Facility and Direct-Trunked Transport circuits that terminate in an analog office and where the multiplexer performs DS1/Voice multiplexing functions; 3) a Multiplexing Charge will always apply for High Capacity shared use switched and special access facilities.

Listed below are the multiplexing arrangements offered with switched access.

- DS1 to Voice

An arrangement that multiplexes twenty-four voice grade circuits to a single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to twenty-four voice grade circuits.

- DS3 to DS1

An arrangement that multiplexes twenty-eight DS1 digital circuits to a single DS3 digital circuit at a rate of 44.736 Mbps, or multiplexes a single DS3 digital circuit at a rate of 44.736 Mbps to twenty-eight DS1 digital circuits. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

3. Description of Switched Transport - Continued

f. Optional Arrangements (T)

(1) Switched Transport facilities will be engineered and routed based on standard engineering methods, available facilities and equipment, Utility traffic routing plans and the customer's order for service. The Utility will work cooperatively with customers in providing design and traffic routing information.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 2. - Continued

g. Optional Arrangements (T)

(1) Switched Transport facilities will be engineered and routed based on standard engineering methods, available facilities and equipment, Utility traffic routing plans and the customer's order for service. The Utility will work cooperatively with customers in providing design and traffic routing information. (T) | (T)

(D) | | | | | (D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

3. Description of Switched Transport - Continued (T)

f. Optional Arrangements - Continued (N)

(2) The Utility will provide the following Optional Arrangements in association with Entrance Facilities. The provision of such Optional Arrangements may require placement of Utility equipment on the customer's premises. These Optional Arrangements are non-chargeable.

Supervisory Signaling

A supervisory signaling capability is provided for each Interface Arrangement. Where the transmission parameters permit and where signaling conversion is required by the customer to meet its signaling capability, the customer may order a supervisory signaling arrangement for each transmission path provided as follows:

For Two-Wire and Four-Wire Voice Frequency Interface Arrangements Only

DX Supervisory Signaling arrangement, or
E&M Type I Supervisory Signaling arrangement, or
E&M Type II Supervisory Signaling arrangement.

For Four-Wire Voice Frequency Interface Arrangement Only

SF Supervisory Signaling arrangement or
E&M Type III Supervisory Signaling Arrangement.

These optional supervisory signaling arrangements are unavailable with SS7 Out of Band Signaling as described in this section of the tariff.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 2. c. - Continued

(2) The Utility will provide the following Optional Arrangements in association with Entrance Facilities. The provision of such Optional Arrangements may require placement of Utility equipment on the customer's premises. These Optional Arrangements are non-chargeable. (T) (T) (T)

Supervisory Signaling

A supervisory signaling capability is provided for each Interface Arrangement. Where the transmission parameters permit and where signaling conversion is required by the customer to meet its signaling capability, the customer may order a supervisory signaling arrangement for each transmission path provided as follows: (T) (T)

For Two-Wire and Four-Wire Voice Frequency Interface Arrangements Only

DX Supervisory Signaling arrangement, or
E&M Type I Supervisory Signaling arrangement, or
E&M Type II Supervisory Signaling arrangement.

For Four-Wire Voice Frequency Interface Arrangement Only

SF Supervisory Signaling arrangement or
E&M Type III Supervisory Signaling Arrangement.

These optional supervisory signaling arrangements are unavailable with SS7 Out of Band Signaling as described in this section of the tariff.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

4. Public Telephone Service (T)

a. Public Access Lines (PAL)

In requesting PAL service, the customer agrees to identify to the public that intraLATA calls originated from the customers public coinless telephone are handled by the Utility. The customer will post such notice at each of its public access coinless telephone locations.

PAL Service is provided only for use with FGC or FGD Switched Access service. PAL service connects the Utility's serving end office that is equipped with FGC or FGD to a customer's public coinless telephone locations.

PAL service allows the customer to provide a public access coinless telephone instrument for the origination/termination of interLATA calls. The Utility will provide the capability for completing local and intraLATA toll calls over its facilities.

All inside wiring from the Utility's termination (i.e., Main Termination Room) at the service location designated by the customer will be installed and maintained by the customer.

The PAL will be provided on two-wire facilities.

b. Speed Dialing Service

This service provides public coin telephones at Utility designated sites within its operating areas which have coin access, speed dialing and 0+/1+ access. The customer must participate on each station site designated by the Utility in one or more Central Office serving areas, with a minimum of one serving area required for participation.

The Utility will provide this service in one of two options at locations determined on a central office basis.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

3. Public Telephone Service

a. Public Access Lines (PAL)

In requesting PAL service, the customer agrees to identify to the public that intraLATA calls originated from the customers public coinless telephone are handled by the Utility. The customer will post such notice at each of its public access coinless telephone locations. (T)

PAL Service is provided only for use with FGC or FGD Switched Access service. PAL service connects the Utility's serving end office that is equipped with FGC or FGD to a customer's public coinless telephone locations. (T)

PAL service allows the customer to provide a public access coinless telephone instrument for the origination/termination of interLATA calls. The Utility will provide the capability for completing local and intraLATA toll calls over its facilities. (T) (C)

All inside wiring from the Utility's termination (i.e., Main Termination Room) at the service location designated by the customer will be installed and maintained by the customer. (T)

(D)
|
(D)

The PAL will be provided on two-wire facilities. (C)

(C)

b. Speed Dialing Service

This service provides public coin telephones at Utility designated sites within its operating areas which have coin access, speed dialing and 0+/1+ access. The customer must participate on each station site designated by the Utility in one or more Central Office serving areas, with a minimum of one serving area required for participation.

The Utility will provide this service in one of two options at locations determined on a central office basis.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

4. Public Telephone Service - Continued (T)

b. Speed Dialing Service - Continued

(1) Option 1, provides speed dial pads with push down decal embossed touch buttons on which different carriers or selected businesses may display their business logo. The end user will be able to push a single button and access the carrier's network or business location. Once access to the carrier's network has been achieved the end user will then enter his/her Personal Identification Number (PIN) to complete the call. No additional dialing is required for direct access to participating businesses.

Placement of the customer's business logo on the selection pad of each station will be determined by the Utility.

(2) Option 2, is a Utility assigned 2 digit code plus # sign (i.e. #22, or 22#) which will access the customer's network or business number. This eliminates the need to dial the customer's normal access code or telephone number.

The IC will install access facilities with the appropriate options for public telephone operation, such as signaling options as required.

The minimum period for this service is one month (30 days). A customer may cancel the service by written notice on any date prior to the start of the following months service. If written notice is not received prior to the start of the following month's service, the Utility shall assume that the service is to be extended another month (30 days). If service is discontinued prior to the end of the period ordered, the customer will pay charges for the entire month.

The rates and regulations for this service are in addition to the applicable regulations, rates and charges specified in other section-of this tariff and the Utility's local exchange tariffs.

Regulations, rates and charges as follow apply to Speed Dialing Service and shall not serve as a substitute for customer tariff offerings of services to end users. The provision of speed dialing service by the Utility does not constitute a joint undertaking with the customer for the furnishing of any services. Any end user billing disputes shall be the responsibility of the customer.

Continued

FACILITIES FOR INTRASTATE ACCESS (N)

II. Switched Access - Continued

B. 3. b - Continued

(1) Option 1, provides speed dial pads with push down decal embossed touch buttons on which different carriers or selected businesses may display their business logo. The end user will be able to push a single button and access the carrier's network or business location. Once access to the carrier's network has been achieved the end user will then enter his/her Personal Identification Number (PIN) to complete the call. No additional dialing is required for direct access to participating businesses.

Placement of the customer's business logo on the selection pad of each station will be determined by the Utility.

(2) Option 2, is a Utility assigned 2 digit code plus # sign (i.e. #22, or 22#) which will access the customer's network or business number. This eliminates the need to dial the customer's normal access code or telephone number.

The IC will install access facilities with the appropriate options for public telephone operation, such as signaling options as required.

The minimum period for this service is one month (30 days). A customer may cancel the service by written notice on any date prior to the start of the following months service. If written notice is not received prior to the start of the following month's service, the Utility shall assume that the service is to be extended another month (30 days). If service is discontinued prior to the end of the period ordered, the customer will pay charges for the entire month.

The rates and regulations for this service are in addition to the applicable regulations, rates and charges specified in other section-of this tariff and the Utility's local exchange tariffs.

Regulations, rates and charges as follow apply to Speed Dialing Service and shall not serve as a substitute for customer tariff offerings of services to end users. The provision of speed dialing service by the Utility does not constitute a joint undertaking with the customer for the furnishing of any services. Any end user billing disputes shall be the responsibility of the customer. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS (N)

II. Switched Access - Continued

B. 3. b - Continued

(1) Option 1, provides speed dial pads with push down decal embossed touch buttons on which different carriers or selected businesses may display their business logo. The end user will be able to push a single button and access the carrier's network or business location. Once access to the carrier's network has been achieved the end user will then enter his/her Personal Identification Number (PIN) to complete the call. No additional dialing is required for direct access to participating businesses.

Placement of the customer's business logo on the selection pad of each station will be determined by the Utility.

(2) Option 2, is a Utility assigned 2 digit code plus # sign (i.e. #22, or 22#) which will access the customer's network or business number. This eliminates the need to dial the customer's normal access code or telephone number.

The IC will install access facilities with the appropriate options for public telephone operation, such as signaling options as required.

The minimum period for this service is one month (30 days). A customer may cancel the service by written notice on any date prior to the start of the following months service. If written notice is not received prior to the start of the following month's service, the Utility shall assume that the service is to be extended another month (30 days). If service is discontinued prior to the end of the period ordered, the customer will pay charges for the entire month.

The rates and regulations for this service are in addition to the applicable regulations, rates and charges specified in other section-of this tariff and the Utility's local exchange tariffs.

Regulations, rates and charges as follow apply to Speed Dialing Service and shall not serve as a substitute for customer tariff offerings of services to end users. The provision of speed dialing service by the Utility does not constitute a joint undertaking with the customer for the furnishing of any services. Any end user billing disputes shall be the responsibility of the customer. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

5. Description of End Office Services

End Office Services provide the end user termination functions and end office switching necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. Standard Arrangements for End Office Services include the End Office Switching Rate Element. End Office Services Optional Arrangements are available.

End Office Services are provided in association with Switched Transport when ordered as set forth in the Ordering Options for FIA. End Office Services will be provided as one of the feature group types: FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D and SAC Access Service.

The number of End Office Service transmission paths and line terminations provided will be determined by the Utility based on standard traffic engineering methods.

The rates are further differentiated based upon the directionality of the traffic carried over the Switched Access Service. (N) (N)

If the customer does not block calls or order screening which will block calls to other ICs, charges for the use of those other IC services will be in addition to the rates and charges stated herein.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

5. Description of End Office Services (T)

End Office Services provide the end user termination functions and end office switching necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. Standard Arrangements for End Office Services include the End Office Switching Rate Element. End Office Services Optional Arrangements are available.

End Office Services are provided in association with Switched Transport when ordered as set forth in the Ordering Options for FIA. End Office Services will be provided as one of the feature group types: FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D and SAC Access Service.

The number of End Office Service transmission paths and line terminations provided will be determined by the Utility based on standard traffic engineering methods.

If the customer does not block calls or order screening which will block calls to other ICs, charges for the use of those other IC services will be in addition to the rates and charges stated herein.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

4. Description of End Office Services (T)

End Office Services provide the end user termination functions and end office switching necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. Standard Arrangements for End Office Services include the End Office Switching Rate Element. End Office Services Optional Arrangements are available. (C)
(C)

End Office Services are provided in association with Switched Transport when ordered as set forth in the Ordering Options for FIA. End Office Services will be provided as one of the feature group types: FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D and SAC Access Service.
(C)
(C)

The number of End Office Service transmission paths and line terminations provided will be determined by the Utility based on standarde traffic engineering methods.

If the customer does not block calls or order screening which will block calls to other ICs, charges for the use of those other IC services will be in addition to the rates and charges stated herein.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.3
and Original Sheet 90.4.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.4
and Original Sheet 90.5.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.6.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted shown on Original Sheet 90.6
and Original Sheet 90.7.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.7
and Original Sheet 90.8.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.8
and Original Sheet 90.9.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.10.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.11.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.12.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.12
and Original Sheet 90.13.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.13
and Original Sheet 90.14.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.14
and Original Sheet 90.15.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.15
and Original Sheet 90.16.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.16
and Original Sheet 90.17.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.17
and Original Sheet 90.18.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.18
and Original Sheet 90.19.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.19
and Original Sheet 90.20.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.20.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.20
and Original Sheet 90.21.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.21
and Original Sheet 90.22.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.23
and Original Sheet 90.24.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.24
and Original Sheet 90.25.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.25
and Original Sheet 90.26.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.26

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.27.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.27.
and Original Sheet 90.28.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.29.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.29
and Original Sheet 90.30.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Material omitted now shown on Original Sheet 90.30.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

Material omitted on shown on Original Sheet 90.32.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

Material omitted on shown on Original Sheet 90.32
and Original Sheet 90.33.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

Material omitted on shown on Original Sheet 90.33.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

Material omitted on shown on Original Sheet 90.34.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

Material omitted on shown on Original Sheet 90.35.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

Material omitted on shown on Original Sheet 90.36
and Original Sheet 90.37.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

Material omitted on shown on Original Sheet 90.37
and Original Sheet 90.38.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements (T)

The following optional arrangements are available in offices where equipment, facilities, and other conditions permit. The Utility makes no guarantee that these optional arrangements will be available in all locations.

With the exception of Customer Specification of Switched Access Directionality, and Operator Assistance-Full Feature Arrangements, these end office services' optional arrangements are nonchargeable, unless otherwise specified.

a. Alternate Traffic Routing

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 CDL 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 second CDL. The customer shall specify the last trunk CCS desired for the high usage group.

This option is provided in suitable equipped end office or access tandem switches and is available with FGC and D, and 800/877/888 Access Service.

Alternate Traffic Routing, as set forth above, may be used with Tandem Access Sectorization (TAS), but is limited to the following: Alternate Traffic Routing, between Equal Access Tandem Trunk groups terminating in the same wire center as the designated customer premises for the region. Alternate Traffic Routing, when used with TAS, will not be permitted as an optional arrangement between different wire centers.

This option is available with BSA-B, BSA-C and BSA-D as a chargeable BSE.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

5. End Office Services Optional Arrangements

The following optional arrangements are available in offices where equipment, facilities, and other conditions permit. The Utility makes no guarantee that these optional arrangements will be available in all locations.

With the exception of Customer Specification of Switched Access Directionality, and Operator Assistance-Full Feature Arrangements, these end office services' optional arrangements are nonchargeable, unless otherwise specified.

a. Alternate Traffic Routing

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 CDL 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 second CDL. The customer shall specify the last trunk CCS desired for the high usage group.

This option is provided in suitable equipped end office or access tandem switches and is available with FGC and D, and 800/877/888 Access Service. (C)

Alternate Traffic Routing, as set forth above, may be used with Tandem Access Sectorization (TAS), but is limited to the following: Alternate Traffic Routing, between Equal Access Tandem Trunk groups terminating in the same wire center as the designated customer premises for the region. Alternate Traffic Routing, when used with TAS, will not be permitted as an optional arrangement between different wire centers.

This option is available with BSA-B, BSA-C and BSA-D as a chargeable BSE.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (N)

6. End Office Services Optional Arrangements - Continued (T)

b. Automatic Number Identification Arrangement (ANI)

This option provides the automatic transmission of a three, seven or ten digit number and information digits to the CDL for calls originating in the Switched Access Area 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 CDL 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 CDL.

The seven digit ANI telephone number is available with FGB and FGC. It will be transmitted on all calls except those identified as a multiparty line or ANI failure. The ten digit ANI telephone number is only available with FGD. When FGD with SS7 Out of Band Signaling is specified, the customer may order an ANI equivalent by ordering the Charge Number optional feature. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as a multiparty line or ANI failure in which case only the NPA will be transmitted (in addition to the information digit described below). The ANI telephone number is the listed telephone number of the end user that originates the call.

With FGC, 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 5. - Continued

b. Automatic Number Identification Arrangement (ANI)

This option provides the automatic transmission of a three, seven or ten digit number and information digits to the CDL for calls originating in the Switched Access Area 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 CDL 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 CDL.

The seven digit ANI telephone number is available with FGB and FGC. It will be transmitted on all calls except those identified as a multiparty line or ANI failure. The ten digit ANI telephone number is only available with FGD. When FGD with SS7 Out of Band Signaling is specified, the customer may order an ANI equivalent by ordering the Charge Number optional feature. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as a multiparty line or ANI failure in which case only the NPA will be transmitted (in addition to the information digit described below). The ANI telephone number is the listed telephone number of the end user that originates the call. (C) (N) (N) (C) (C)

With FGC, 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

b. Automatic Number Identification Arrangement (ANI) - Continued

Generally, the ten digit ANI telephone number is available with Feature Group D and 800/877/888 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.

Additionally, when the customer has ordered the 800/877/888 to POTS Number Translation, information digits which identify the call as an 800/877/888 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 four 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 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, and 800/877/888 Access Services.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

5. End Office Services Optional Arrangements - Continued

b. Automatic Number Identification Arrangement (ANI) - Continued (T)

Generally, the ten digit ANI telephone number is available with Feature Group D and 800/877/888 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. (C)

Additionally, when the customer has ordered the 800/877/888 to POTS Number Translation, information digits which identify the call as an 800/877/888 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. (C) (C)

Where ANI cannot be provided, (e.g., on calls from four 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 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, and 800/877/888 Access Services. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (N)

6. End Office Services Optional Arrangements - Continued (T)

c. Call Destination Routing

This option allows the routing of traffic among multiple CDLs designated by a particular customer within an exchange area based on the destination of such traffic outside the Utility's facilities, provided that no more than one CDL exists at any (one) physical location. This option is available with FGC and D.

d. Call Denial on Line or Hunt Group

This option allows for the screening of terminating FGA and BSA-A calls within the Access Area. All other calls are routed to an appropriate access announcement. This arrangement is provided in Utility end office where available. It is available with FGA or BSA-A.

e. (Reserved for Future Use) (T)

f. Dual Tone Multifrequency Address Signaling

This option allows reception of called party address signals from the customer in the form of DTMF signals. It is provided in all Utility end offices where available. When FGA or BSA-A arrangements are provided as part of a hunt group or uniform call distribution group, and the customer requires DTMF address signaling, then all arrangements in the hunt group will be so equipped. It is available with FGA or BSA-A.

g. Hunt Group Arrangement

The Hunt Group Arrangement is available with FGA as a nonchargeable option. This feature is available with BSA-A as a chargeable BSE.

(1) 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 arrangement contemplates one access code (i.e., telephone number) per arrangement.

(2) This option provides the ability to sequentially access one of two or more lines in the terminating direction, when the hunting number of the line group is forwarded from the customer to the Utility.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 5. - Continued

c. Call Destination Routing

This option allows the routing of traffic among multiple CDLs designated by a particular customer within an exchange area based on the destination of such traffic outside the Utility's facilities, provided that no more than one CDL exists at any (one) physical location. This option is available with FGC and D.

d. Call Denial on Line or Hunt Group

This option allows for the screening of terminating FGA and BSA-A calls within the Access Area. All other calls are routed to an appropriate access announcement. This arrangement is provided in Utility end office where available. It is available with FGA or BSA-A.

e.

f. Dual Tone Multifrequency Address Signaling

This option allows reception of called party address signals from the customer in the form of DTMF signals. It is provided in all Utility end offices where available. When FGA or BSA-A arrangements are provided as part of a hunt group or uniform call distribution group, and the customer requires DTMF address signaling, then all arrangements in the hunt group will be so equipped. It is available with FGA or BSA-A. (C) (C)

g. Hunt Group Arrangement

The Hunt Group Arrangement is available with FGA as a nonchargeable option. This feature is available with BSA-A as a chargeable BSE. (C) (C)

(1) 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 arrangement contemplates one access code (i.e., telephone number) per arrangement. (T)

(2) This option provides the ability to sequentially access one of two or more lines in the terminating direction, when the hunting number of the line group is forwarded from the customer to the Utility.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (N)

6. End Office Services Optional Arrangements - Continued (T)

h. Specification of Switched Access Directionality

This option allows the customer to specify the directionality of the trunk group (i.e., originating, terminating, or two-way) in lieu of Utility specification. It is available with all Feature Groups and Basic Serving Arrangements. Rates and charges will be developed on an individual case basis.

i. Nonhunting Number for Use with Hunt Group Arrangement

This option provides an arrangement for an individual line within a multiline hunt group that provides access to that line within the hunt group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this arrangement is provided with originating use for FGA, BSA-A or terminating use for Special Access Lines.

j. Nonhunting Number for Use with Uniform Call Distribution Arrangement

This option provides an arrangement for a uniform call distribution multiline hunt group that provides access to an individual line within the hunt group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this arrangement is provided with originating use for FGA, BSA-A, or terminating use for Special Access Lines.

k. Operator Assistance Full Feature Arrangement

This option, which is available only on a direct trunking arrangement, provides the initial coin return control function to the IC's operator. It is available with FGD or BSA-D. Rates and charges will be developed on an individual case basis. This option is unavailable with SS7 Out of Band Signaling.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 5. - Continued

h. Specification of Switched Access Directionality

This option allows the customer to specify the directionality of the trunk group (i.e., originating, terminating, or two-way) in lieu of Utility specification. It is available with all Feature Groups and Basic Serving Arrangements. Rates and charges will be developed on an individual case basis. (C)

i. Nonhunting Number for Use with Hunt Group Arrangement

This option provides an arrangement for an individual line within a multiline hunt group that provides access to that line within the hunt group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this arrangement is provided with originating use for FGA, BSA-A or terminating use for Special Access Lines. (C)

j. Nonhunting Number for Use with Uniform Call Distribution Arrangement

This option provides an arrangement for a uniform call distribution multiline hunt group that provides access to an individual line within the hunt group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this arrangement is provided with originating use for FGA, BSA-A, or terminating use for Special Access Lines. (C)

k. Operator Assistance Full Feature Arrangement

This option, which is available only on a direct trunking arrangement, provides the initial coin return control function to the IC's operator. It is available with FGD or BSA-D. Rates and charges will be developed on an individual case basis. This option is unavailable with SS7 Out of Band Signaling. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (N)

6. End Office Services Optional Arrangements - Continued (T)

l. Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the point of presence for originating calls. It is available with FG-B or BSA-B where conditions permit.

m. Service Class Routing

This option provides the capability of directing originating traffic from an end office to an IC-designated point of presence, based on the service prefix indicator (e.g. 0- and 0+) or service class code (e.g., 500, 600, 700, 800, 877, 888, 900). It is provided in suitably equipped end office or access tandem switches and is available with FGC, FGD, BSA-C, and BSA-D. Originating 500-NXX-XXXX calls are routed in accordance with the 500 Customer Identification Function described in II.B.22. Originating 800-NXX-XXXX, 877-NXX-XXXX or 888-NXX-XXXX calls are routed in accordance with the 800/877/888 Customer Identification Function as described in this section. Service Class Routing, as set forth above, may be used with Tandem Access Sectorization (TAS).

n. Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the Access Area and for disallowing completion of calls to 0- and N11 (e.g., 411, 611 and 911). Where available this arrangement is provided in Utility end offices. It is available with FG-A or BSA-A and can only be provided from suitably equipped stored program controlled switches.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

5. End Office Services Optional Arrangements - Continued (T)

l. Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the point of presence for originating calls. It is available with FG-B or BSA-B where conditions permit.

m. Service Class Routing

This option provides the capability of directing originating traffic from an end office to an IC-designated point of presence, based on the service prefix indicator (e.g. 0- and 0+) or service class code (e.g., 500, 600, 700, 800, 877, 888, 900). It is provided in suitably equipped end office or (C)
access tandem switches and is available with FGC, FGD, BSA-C, and BSA-D. Originating 500-NXX-XXXX calls are routed in accordance with the 500 Customer Identification Function described in II.B.22. Originating 800-NXX-XXXX, 877-NXX-XXXX or 888-NXX-XXXX calls are routed in (C)
accordance with the 800/877/888 Customer Identification Function as described in this section. (C)
Service Class Routing, as set forth above, may be used with Tandem Access Sectorization (TAS).

n. Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the Access Area and for disallowing completion of calls to 0- and N11 (e.g., 411, 611 and 911). Where available this arrangement is provided in Utility end offices. It is available with FG-A or BSA-A and can only be provided from suitably equipped stored program controlled switches.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (N)

6. End Office Services Optional Arrangements - Continued (T)

o. Trunk Access Limitation

This option provides for the routing of originting 900 or 900-like 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 IC. Calls to 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 Utility end offices where available. It is available with FG-C, FGD, BSA-C, and BSA-D.

p. Uniform Call Distribution Arrangement

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 arrangement is provided with originating use for FGA and terminating use for Special Access Lines.

Uniform Call Distribution is available with BSA-A as a chargeable BSE.

q. Up to Seven Digit Outpulsing of Access Digits to the Customer

This option provides for the end office capability of providing up to seven digits of the access code to the point of presence. 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 point of presence using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that arrangement was provided. It is available with FGB and BSA-B in suitably equipped end offices.

r. (Reserved for Future Use)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 5. - Continued

o. Trunk Access Limitation

This option provides for the routing of originting 900 or 900-like 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 IC. Calls to 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 Utility end offices where available. It is available with FG-C, FGD, BSA-C, and BSA-D. (C)

p. Uniform Call Distribution Arrangement

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 arrangement is provided with originating use for FGA and terminating use for Special Access Lines.

Uniform Call Distribution is available with BSA-A as a chargeable BSE. (N)

q. Up to Seven Digit Outpulsing of Access Digits to the Customer

This option provides for the end office capability of providing up to seven digits of the access code to the point of presence. 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 point of presence using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that arrangement was provided. It is (C)
available with FGB and BSA-B in suitably equipped end offices. (C)

r. (Reserved for Future Use)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(s) Switched Access Interface

This arrangement provides the line switching and line supervisory functions necessary to interface Voice Grade Special Access and Switched Access Services together for the provision of customer WATS or WATS-type Services. This service provides a transmission path capable of originating and/or terminating the customer's intrastate and combined interstate/intrastate traffic. Combining of intrastate traffic will be provided in accordance with state regulations.

This arrangement is only available from the Utility designated end offices which are identified as WATS Serving Offices (WSO). Technical limitations resident in certain end office switches may preclude the availability of certain Switched Access Interface features. Depending on the configuration selected below, the Utility will provide such services from the closest WSO that is technically equipped to provide such services. Special Access Transport charges as described in Section III will be applicable to the WATS Serving Office appropriately equipped for the service feature requested.

The Switched Access portion of this arrangement is available in this section of the tariff, except as set forth in (5), and provides connectivity from the Utility's WATS Serving Office to the CDL of the customer. The Special Access portion of this feature is available from Section III of this tariff and provides connectivity from the Utility's WATS Serving Office to the end user's CDL.

Switched Access Interface Service is available in the following configurations/features:

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

(T)

(5) End Office Services Optional Arrangements - Continued

(s) Switched Access Interface

This arrangement provides the line switching and line supervisory functions necessary to interface Voice Grade Special Access and Switched Access Services together for the provision of customer WATS or WATS-type Services. This service provides a transmission path capable of originating and/or terminating the customer's intrastate and combined interstate/intrastate traffic. Combining of intrastate traffic will be provided in accordance with state regulations.

This arrangement is only available from the Utility designated end offices which are identified as WATS Serving Offices (WSO). Technical limitations resident in certain end office switches may preclude the availability of certain Switched Access Interface features. Depending on the configuration selected below, the Utility will provide such services from the closest WSO that is technically equipped to provide such services. Special Access Transport charges as described in Section III will be applicable to the WATS Serving Office appropriately equipped for the service feature requested.

The Switched Access portion of this arrangement is available in this section of the tariff, except as set forth in (5), and provides connectivity from the Utility's WATS Serving Office to the CDL of the customer. The Special Access portion of this feature is available from Section III of this tariff and provides connectivity from the Utility's WATS Serving Office to the end user's CDL.

Switched Access Interface Service is available in the following configurations/features:

(T)

Material omitted now shown on Original Sheet 135.1.3.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(s) Switched Access Interface - Continued

(1) Originating Only Feature

The Originating Only feature is available from appropriately equipped WATS Serving Offices on a per line basis and provides for the transporting of intrastate calls from a Special Access line to the customer via either FGA, FGB, FGC or FGD, BSA-A, BSA-B, BSA-C, or BSA-D switched access. It is provided in the following two arrangements:

(a) Restricted Geographic Screening Arrangements Originating Only

This arrangement provides the ability to screen a dialed number by NPA and/or NXX on the basis of a geographical band which is in accordance with an end user's service agreement with the customer. The geographical bands available are those in effect as of the effective date of this tariff provision. The customer must provide the Utility with the band information required for each Special Access line subscribed to this service.

This arrangement is provided when used exclusively for intrastate traffic (excluding international). This arrangement is not available for multijurisdictional traffic (combined interstate and intrastate) as set forth in II.B.5.s(1)(b).

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

(5) End Office Services Optional Arrangements - Continued

(s) Switched Access Interface - Continued

(1) Originating Only Feature

The Originating Only feature is available from appropriately equipped WATS Serving Offices on a per line basis and provides for the transporting of intrastate calls from a Special Access line to the customer via either FGA, FGB, FGC or FGD, BSA-A, BSA-B, BSA-C, or BSA-D switched access. It is provided in the following two arrangements: (C)

(a) Restricted Geographic Screening Arrangements Originating Only

This arrangement provides the ability to screen a dialed number by NPA and/or NXX on the basis of a geographical band which is in accordance with an end user's service agreement with the customer. The geographical bands available are those in effect as of the effective date of this tariff provision. The customer must provide the Utility with the band information required for each Special Access line subscribed to this service.

This arrangement is provided when used exclusively for intrastate traffic (excluding international). This arrangement is not available for multijurisdictional traffic (combined interstate and intrastate) as set forth in II.B.5.s(1)(b).

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(s) Switched Access Interface - Continued

(1) Originating Only Feature - Continued

(a) Restricted Geographic Screening Arrangements Originating Only - Continued

This arrangement is available from appropriately equipped WATS Serving Offices in conjunction with FGC, FGD, BSA-C and BSA-D and provides for:

- the transporting of all intrastate 1+NPA/NXX-XXXX and 1+FNPA-555-1212 calls to directory numbers that are associated with a customer selected geographic band to the customer;
- the blocking of all 1+NPA-NXX-XXXX and 1+FNPA-NXX-XXXX calls directed to directory numbers that do not lie within the geographic band selected by the customer;
- the blocking of all 1+500-NXX-XXXX, 0+500-NXX-XXXX, 1+700-NXX-XXXX, 1+800-NXX-XXXX and 1+900-NXX-XXXX calls;
- the blocking of all 0+NPA-NXX-XXXX calls;
- the transporting of all calls originated by dialing 0 (zero) to the Utility operator;
- the transporting of all calls originated by dialing 00 (zero, zero) to the IC customer (available only with FCD and BSA-D);
- the blocking of all calls preceded by the access code 101XXXX.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

(5) End Office Services Optional Arrangements - Continued

(s) Switched Access Interface - Continued

(1) Originating Only Feature - Continued

(a) Restricted Geographic Screening Arrangements Originating Only - Continued

This arrangement is available from appropriately equipped WATS Serving Offices in conjunction with FGC, FGD, BSA-C and BSA-D and provides for:

- the transporting of all intrastate 1+NPA/NXX-XXXX and 1+FNPA-555-1212 calls to directory numbers that are associated with a customer selected geographic band to the customer;

- the blocking of all 1+NPA-NXX-XXXX and 1+FNPA-NXX-XXXX calls directed to directory numbers that do not lie within the geographic band selected by the customer;

- the blocking of all 1+500-NXX-XXXX, 0+500-NXX-XXXX, 1+700-NXX-XXXX, 1+800-NXX-XXXX and 1+900-NXX-XXXX calls;

- the blocking of all 0+NPA-NXX-XXXX calls;

- the transporting of all calls originated by dialing 0 (zero) to the Utility operator;

- the transporting of all calls originated by dialing 00 (zero, zero) to the IC customer (available only with FCD and BSA-D);

- the blocking of all calls preceded by the access code 101XXXX. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

(5) End Office Services Optional Arrangements - Continued

(s) Switched Access Interface - Continued

(1) Originating Only Feature - Continued

(a) Restricted Geographic Screening Arrangements Originating Only - Continued

This arrangement is available from appropriately equipped WATS Serving Offices in conjunction with FGC, FGD, BSA-C and BSA-D and provides for: (C) (C)

- the transporting of all intrastate 1+NPA/NXX-XXXX and 1+FNPA-555-1212 calls to directory numbers that are associated with a customer selected geographic band to the customer;
- the blocking of all 1+NPA-NXX-XXXX and 1+FNPA-NXX-XXXX calls directed to directory numbers that do not lie within the geographic band selected by the customer;
- the blocking of all 1+500-NXX-XXXX, 0+500-NXX-XXXX, 1+700-NXX-XXXX, 1+800-NXX-XXXX and 1+900-NXX-XXXX calls;
- the blocking of all 0+NPA-NXX-XXXX calls;
- the transporting of all calls originated by dialing 0 (zero) to the Utility operator;
- the transporting of all calls originated by dialing 00 (zero, zero) to the IC customer (available only with FCD and BSA-D); (C)
- the blocking of all calls preceded by the access code 10XXX or 101XXXX.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(s) Switched Access Interface - Continued

(1) Originating Only Feature - Continued

(a) Restricted Geographic Screening Arrangements Originating Only - Continued

At the option of the customer and where facilities permit, the following additional access configuration is available on a per line basis.

- IntraLATA Usage Package provides for the origination of intrastate intraLATA calls. The monthly intraLATA outward usage package must be provided by the Utility The standard WATS usage charges apply as set forth in Schedule Cal. P.U.C. No. B-3.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (L)

(5) End Office Services Optional Arrangements - Continued

(s) Switched Access Interface - Continued

(1) Originating Only Feature - Continued

(a) Restricted Geographic Screening Arrangements Originating Only - Continued

At the option of the customer and where facilities permit, the following additional access configuration is available on a per line basis.

- IntraLATA Usage Package provides for the origination of intrastate intraLATA calls. The monthly intraLATA outward usage package must be provided by the Utility The standard WATS usage charges apply as set forth in Schedule Cal. P.U.C. No. B-3.

(L)

(L) Material previously shown on 2nd Revised Sheet 135.1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(s) Switched Access Interface - Continued

(1) Originating Only Feature - Continued

(b) Unrestricted Arrangement - Originating Only

This arrangement is a multi-jurisdictional offering provided from a Utility appropriately equipped WATS Serving Office and provides for the transporting of interstate and intrastate calls from a Special Access line to the customer via FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, or BSA-D Switched Access. FGA or BSA-A access is obtained from a WATS Serving Office by dialing a standard seven digit number. FGB or BSA-B access is obtained from a WATS Serving Office by dialing 950-1/0XXX or 1+950-1/0XXX. The combining of interstate and intrastate traffic will be in accordance with (5). This arrangement provides for transporting the following types of calls:

- 1+NPA-NXX-XXXX, 1+700-NXX-XXXX, and 1+FNPA-555-1212 calls to the IC customer or via facilities of the Utility.

- 1+800-NXX-XXXX, 1+877-NXX-XXXX or 1+888-NXX-XXXX and 1+900-NXX-XXXX calls to the carrier designated by the digits dialed;

- 1+500-NXX-XXXX or 0+500-NXX-XXXX calls to the carrier in accordance with the 500 Customer Identification Function described in II.B.22;

- 0+NPA-NXX-XXXX calls to the IC customer or via facilities of the Utility;

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

5. End Office Services Optional Arrangements - Continued

(s) Switched Access Interface - Continued

(1) Originating Only Feature - Continued

(b) Unrestricted Arrangement - Originating Only

This arrangement is a multi-jurisdictional offering provided from a Utility appropriately equipped WATS Serving Office and provides for the transporting of interstate and intrastate calls from a Special Access line to the customer via FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, or BSA-D Switched Access. FGA or BSA-A access is obtained from a WATS Serving Office by dialing a standard seven digit number. FGB or BSA-B access is obtained from a WATS Serving Office by dialing 950-1/0XXX or 1+950-1/0XXX. The combining of interstate and intrastate traffic will be in accordance with (5). This arrangement provides for transporting the following types of calls:

- 1+NPA-NXX-XXXX, 1+700-NXX-XXXX, and 1+FNPA-555-1212 calls to the IC customer or via facilities of the Utility.

- 1+800-NXX-XXXX, 1+877-NXX-XXXX or 1+888-NXX-XXXX and 1+900-NXX-XXXX calls to the carrier designated by the digits dialed; (C) (C)

- 1+500-NXX-XXXX or 0+500-NXX-XXXX calls to the carrier in accordance with the 500 Customer Identification Function described in II.B.22;

- 0+NPA-NXX-XXXX calls to the IC customer or via facilities of the Utility;

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(s) Switched Access Interface - Continued

(1) Originating Only Feature - Continued

(b) Unrestricted Arrangement - Originating Only - Continued

- calls originated by dialing 0 (zero) to the Utility operator;
- calls originated by dialing 00 (zero, zero) to the IC customer (available only with FGD);
- calls originated by dialing 01 or 011 to the IC customer; and
- 1+ or 0 (zero)+ NPA-NXX-XXXX calls preceded by the access code 101XXXX to the carrier designated by the dialed digits (available only with FGD or BSA-D).

Optional Access Code Arrangements

i. Subject to technical availability, on an individual line basis, calls preceded by the access code 101XXXX will be blocked.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

(5) End Office Services Optional Arrangements - Continued

(s) Switched Access Interface - Continued

(1) Originating Only Feature - Continued

(b) Unrestricted Arrangement - Originating Only - Continued

- calls originated by dialing 0 (zero) to the Utility operator;

- calls originated by dialing 00 (zero, zero) to the IC customer (available only with FGD);

- calls originated by dialing 01 or 011 to the IC customer; and

- 1+ or 0 (zero)+ NPA-NXX-XXXX calls preceded by the access code 101XXXX to the carrier designated by the dialed digits (available only with FGD or BSA-D). (C)

Optional Access Code Arrangements

i. Subject to technical availability, on an individual line basis, calls preceded by the access code 101XXXX will be blocked. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

(5) End Office Services Optional Arrangements - Continued

(s) Switched Access Interface - Continued

(1) Originating Only Feature - Continued

(b) Unrestricted Arrangement - Originating Only - Continued

- calls originated by dialing 0 (zero) to the Utility operator;
- calls originated by dialing 00 (zero, zero) to the IC customer (available only with FGD);
- calls originated by dialing 01 or 011 to the IC customer; and
- 1+ or 0 (zero)+ NPA-NXX-XXXX calls preceded by the access code 10XXX or 101XXXX to the carrier designated by the dialed digits (available only with FGD or BSA-D). (C)

Optional Access Code Arrangements

i. Subject to technical availability, on an individual line basis, calls preceded by the access code 10XXX or 101XXXX will be blocked.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(s) Switched Access Interface - Continued

(2) 800/877/888 Type Terminating Only Feature

The 800/877/888 Type Terminating Only feature is available on a per-line basis from appropriately equipped WATS Serving Offices and provides for the termination of all calls from the subscribing carrier (originated on a 1+800, 1+877 and 1+888 basis) directed to the Special Access via FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, or BSA-D Switched Access.

(3) Combined Originating/800/877/888 Type Terminating Calling Feature

The Combined Originating/Terminating Calling feature is available on a per-line basis from appropriately equipped WATS Serving Offices and provides the functionalities of both the Originating Only and the 800/877/888 Type Terminating Only features.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

5. End Office Services Optional Arrangements - Continued

(s) Switched Access Interface - Continued

(2) 800/877/888 Type Terminating Only Feature (C)

The 800/877/888 Type Terminating Only feature is available on a per-line basis from appropriately equipped WATS Serving Offices and provides for the termination of all calls from the subscribing carrier (originated on a 1+800, 1+877 and 1+888 basis) directed to the Special Access via FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, or BSA-D Switched Access. (C) (C)

(3) Combined Originating/800/877/888 Type Terminating Calling Feature (C)

The Combined Originating/Terminating Calling feature is available on a per-line basis from appropriately equipped WATS Serving Offices and provides the functionalities of both the Originating Only and the 800/877/888 Type Terminating Only features. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(s) Switched Access Interface - Continued

(4) The following matrix details the direction, call type, service prefix and traffic types provided on each Switched Access Interface Arrangement.

	Restricted Geographic Screening Arrangement	Unrestricted Arrangement	800/877/888 Type Terminating Only	Combined Originating 800/877/888 Type Terminating
Section Ref.	(V)(1)(a)	(V)(1)(b)	(V)(2)	(V)(3)
Directionality				
Originating Only	x	x		
Terminating Only			x	
Two-Way				x
Call Type (1+)				
Local	B	B	B	B
IntraLATA/Intrast.	B	R/D*	C	R/D/C*
IntraLATA/Interst.	D	D	C	D/C
InterLATA/Intrast.	B	D*	C	D/C*
InterLATA/Interst.	D	D	C	D/C
Service Prefix				
0-	R	R		R
00-	D	D		D
0+	B	D*		
IDDD	B	D		D
101XXXX	B	D/B		D/B
Traffic Type				
411	B	B		B
911	R	R		R
976	R	R		R
700	B	D		D
500/800/877/888/900	B	D		D

D = Utility DELIVERS traffic to the customer.
R = Utility RETAINS and completes traffic.
C = Utility COMPLETES traffic to the end user's premises.
B = Utility BLOCKS traffic to an announcement.

* Intrastate traffic will be delivered to the customer except where state restriction on the passage of intraLATA and/or interLATA traffic exists. These restrictions are detailed in (5).

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

5. End Office Services Optional Arrangements - Continued

(s) Switched Access Interface - Continued

(4) The following matrix details the direction, call type, service prefix and traffic types provided on each Switched Access Interface Arrangement.

	Restricted Geographic Screening Arrangement	Unrestricted Arrangement	800/877/888 Type Terminating Only	Combined Originating 800/877/888 Type Terminating	(C)
Section Ref.	(V)(1)(a)	(V)(1)(b)	(V)(2)	(V)(3)	
Directionality					
Originating Only	x	x			
Terminating Only			x		
Two-Way				x	
Call Type (1+)					
Local	B	B	B	B	
IntraLATA/Intrast.	B	R/D*	C	R/D/C*	
IntraLATA/Interst.	D	D	C	D/C	
InterLATA/Intrast.	B	D*	C	D/C*	
InterLATA/Interst.	D	D	C	D/C	
Service Prefix					
0-	R	R		R	
00-	D	D		D	
0+	B	D*			
IDDD	B	D		D	
101XXXX	B	D/B		D/B	
Traffic Type					
411	B	B		B	
911	R	R		R	
976	R	R		R	
700	B	D		D	
500/800/877/888/900	B	D		D	(C)

D = Utility DELIVERS traffic to the customer.
R = Utility RETAINS and completes traffic.
C = Utility COMPLETES traffic to the end user's premises.
B = Utility BLOCKS traffic to an announcement.

* Intrastate traffic will be delivered to the customer except where state restriction on the passage of intraLATA and/or interLATA traffic exists. These restrictions are detailed in (5).

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

(5) End Office Services Optional Arrangements – Continued

(s) Switched Access Interface – Continued

(4) The following matrix details the direction, call type, service prefix and traffic types provided on each Switched Access Interface Arrangement.

	Restricted Geographic Screening Arrangement	Unrestricted Arrangement	800 Type Terminating Only	Combined Originating 800 Type Terminating
Section Ref.	(V)(1)(a)	(V)(1)(b)	(V)(2)	(V)(3)
Directionality				
Originating Only	x	x		
Terminating Only			x	
Two-Way				x
Call Type (1+)				
Local	B	B	B	B
IntraLATA/Intrast.	B	R/D*	C	R/D/C*
IntraLATA/Interst.	D	D	C	D/C
InterLATA/Intrast.	B	D*	C	D/C*
InterLATA/Interst.	D	D	C	D/C
Service Prefix				
0-	R	R		R
00-	D	D		D
0+	B	D*		
IDDD	B	D		D
101XXXX	B	D/B		D/B (C)
Traffic Type				
411	B	B		B
911	R	R		R
976	R	R		R
700	B	D		D
500/800/900	B	D		D

D = Utility DELIVERS traffic to the customer.
R = Utility RETAINS and completes traffic.
C = Utility COMPLETES traffic to the end user's premises.
B = Utility BLOCKS traffic to an announcement.

* Intrastate traffic will be delivered to the customer except where state restriction on the passage of intraLATA and/or interLATA traffic exists. These restrictions are detailed in (5).

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(s) Switched Access Interface - Continued

(5) Intrastate Traffic Restrictions

An interstate Switching Interface and an intrastate Switching Interface must be ordered for the provisioning of multi-jurisdictional access.

Unless the customer subscribes to the 101XXXX blocking option offered in this section, all calls carried over a Special Access Line used with a Switched Access Interface for multi-jurisdictional access will be passed to the customer for completion.

The terms, conditions and rates for the interstate Special Access and Switched Access associated with this feature are as set forth in GTE's Interstate Tariff. The terms, conditions and rates for the intrastate Switched Access are as set forth in this tariff.

(t) Non-Overlap Outpulsing

FGD trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with FGD is Overlap Outpulsing. At the option of the customer, where technically available, FGD may be provided with Non-Overlap Outpulsing signaling protocol.

This option provides initiation of pulsing to the customer's premises after the calling subscriber has completed dialing an originating call.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

(5) End Office Services Optional Arrangements - Continued

(s) Switched Access Interface - Continued

(5) Intrastate Traffic Restrictions

An interstate Switching Interface and an intrastate Switching Interface must be ordered for the provisioning of multi-jurisdictional access.

Unless the customer subscribes to the 101XXXX blocking option offered in this section, all calls carried over a Special Access Line used with a Switched Access Interface for multi-jurisdictional access will be passed to the customer for completion. (C)

The terms, conditions and rates for the interstate Special Access and Switched Access associated with this feature are as set forth in GTE's Interstate Tariff. The terms, conditions and rates for the intrastate Switched Access are as set forth in this tariff.

(t) Non-Overlap Outpulsing

FGD trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with FGD is Overlap Outpulsing. At the option of the customer, where technically available, FGD may be provided with Non-Overlap Outpulsing signaling protocol.

This option provides initiation of pulsing to the customer's premises after the calling subscriber has completed dialing an originating call.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

(5) End Office Services Optional Arrangements - Continued

(s) Switched Access Interface - Continued

(5) Intrastate Traffic Restrictions

An interstate Switching Interface and an intrastate Switching Interface must be ordered for the provisioning of multi-jurisdictional access.

Unless the customer subscribes to the 10XXX or 101XXXX blocking option offered in this section, all calls carried over a Special Access Line used with a Switched Access Interface for multi-jurisdictional access will be passed to the customer for completion. (C) (C)

The terms, conditions and rates for the interstate Special Access and Switched Access associated with this feature are as set forth in GTE's Interstate Tariff. The terms, conditions and rates for the intrastate Switched Access are as set forth in this tariff.

(t) Non-Overlap Outpulsing

FGD trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with FGD is Overlap Outpulsing. At the option of the customer, where technically available, FGD may be provided with Non-Overlap Outpulsing signaling protocol.

This option provides initiation of pulsing to the customer's premises after the calling subscriber has completed dialing an originating call.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(u) Switched Data Service

(1) This option provides for a connection capable of up to 56 Kbps digital transmission between the customer's CDL and a suitably equipped end office. Switched Data lines connected at those suitably equipped end offices may be accessed on a switched basis for digital transmission up to 56 Kbps. A list of suitably equipped end offices will be provided to the customer upon request.

This option is provided only with FGD or BSA-D. A separate FGD or BSA-D trunk group must be established for the provision of Switched Data service. This trunk group requires the use of a DS1 digital interface as described herein. Switched Data and Non-Switched Data traffic may not be combined on the same trunk group.

Access is made via the standard dialing pattern as set forth under B.4.d.(8).

This option is provided at rates and charges set forth in the RATES section for FGD service. This option is available in suitably equipped access tandems and end offices.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

(5) End Office Services Optional Arrangements - Continued

(u) Switched Data Service

(1) This option provides for a connection capable of up to 56 Kbps digital transmission between the customer's CDL and a suitably equipped end office. Switched Data lines connected at those suitably equipped end offices may be accessed on a switched basis for digital transmission up to 56 Kbps. A list of suitably equipped end offices will be provided to the customer upon request.

This option is provided only with FGD or BSA-D. A separate FGD or BSA-D trunk group must be established for the provision of Switched Data service. (C)
This trunk group requires the use of a DS1 digital interface as described herein. (C)
Switched Data and Non-Switched Data traffic may not be combined on the same trunk group.

Access is made via the standard dialing pattern as set forth under B.4.d.(8).

This option is provided at rates and charges set forth in the RATES section for FGD service. This option is available in suitably equipped access tandems and end offices.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(u) Switched Data Service

(2) This option provides for a connection capable of up to 64 Kbps digital transmission with clear channel capability between the customer's CDL and suitably equipped end offices. Clear channel capability allows for full bandwidth availability to the customer with no part of the channel used for control, framing or signaling.

Switched 64 requires all digital facilities including the use of DS1 digital interface and is available only with FGD or BSA-D from end offices capable of providing SS7 Out of Band Signaling, Bipolar with Eight Zero Substitution (B8Zs) line code format and Integrated Services Digital Network (ISDN) or other Switched Data based services. A list of suitably equipped end offices will be provided to the customer upon request. Normal FGD usage rates will apply to originating and terminating Switch 64 traffic.

Access is made via the standard dialing patterns as described in this section.

A separate FGD or BSA-D trunk group must be established for the provision of Switched 64.

Switched data and non-switched data traffic may not be combined on the same trunk group.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

(5) End Office Services Optional Arrangements - Continued

(u) Switched Data Service

(2) This option provides for a connection capable of up to 64 Kbps digital transmission with clear channel capability between the customer's CDL and suitably equipped end offices. Clear channel capability allows for full bandwidth availability to the customer with no part of the channel used for control, framing or signaling. (C)

Switched 64 requires all digital facilities including the use of DS1 digital interface and is available only with FGD or BSA-D from end offices capable of providing SS7 Out of Band Signaling, Bipolar with Eight Zero Substitution (B8Zs) line code format and Integrated Services Digital Network (ISDN) or other Switched Data based services. A list of suitably equipped end offices will be provided to the customer upon request. Normal FGD usage rates will apply to originating and terminating Switch 64 traffic.

Access is made via the standard dialing patterns as described in this section.

A separate FGD or BSA-D trunk group must be established for the provision of Switched 64. (C)

Switched data and non-switched data traffic may not be combined on the same trunk group.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(v) Signaling System 7 (SS7) Out of Band Signaling

This option is provided with Common Channel Signaling System 7 (CCS7) Access Service and is only available with Switched Access FGD or BSA-D service and 800/877/888 Access. CCS7 Access Service is provided pursuant to the rates, terms and conditions set forth in GTOC Tariff FCC No. 1. SS7 Out of Band Signaling provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office or access tandem switching systems and the CDL. FGD or BSA-D Switched Access and 800/877/888 Access service, equipped with SS7 Out of Band Signaling, are available with the following interface arrangements: DS1 Digital, DS1C Digital, DSC Digital and DS3C Digital. SS7 Out of Band Signaling is provided at suitably equipped Utility end offices or access tandem switches.

SS7 will be furnished only where facilities are available. Service is offered on a limited basis at suitably equipped end office switches. Since this service is not offered in all areas, it is important to verify its availability by contacting your Company Account Representative.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

5. End Office Services Optional Arrangements - Continued

(v) Signaling System 7 (SS7) Out of Band Signaling

This option is provided with Common Channel Signaling System 7 (CCS7) Access Service and is only available with Switched Access FGD or BSA-D service and 800/877/888 Access. CCS7 Access Service is provided pursuant to the rates, terms and conditions set forth in GTOC Tariff FCC No. 1. SS7 Out of Band Signaling provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office or access tandem switching systems and the CDL. FGD or BSA-D Switched Access and 800/877/888 Access service, equipped with SS7 Out of Band Signaling, are available with the following interface arrangements: DS1 Digital, DS1C Digital, DSC Digital and DS3C Digital. SS7 Out of Band Signaling is provided at suitably equipped Utility end offices or access tandem switches.

SS7 will be furnished only where facilities are available. Service is offered on a limited basis at suitably equipped end office switches. Since this service is not offered in all areas, it is important to verify its availability by contacting your Company Account Representative. (L)
(L)

(L) Material previously shown on 4th Revised Sheet 135.4.5.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(w) Calling Party Number (CPN) Parameter *

The CPN parameter, available as a nonchargeable option for originating FGD or BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for originating calls. The ten digit number consists of the NPA plus the seven digit telephone number which may or may not be the same number as the calling station's charge number. The CPN parameter also includes a "privacy indicator" which allows the ten digit telephone number to be coded as presented or restricted for delivery to the called end user.

(x) Carrier Selection Parameter (CSP)

The CSP, available as a nonchargeable option for originating FGD or originating BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not a given call originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 10XXX or 101XXXX.

(y) Charge Number (CN) Parameter

The CN parameter, available as a nonchargeable option for originating FGD with SS7 Out of Band Signaling, is equivalent to the existing ten digit Automatic Number Identification (ANI) available with FGD with MF signaling. When BSA-D with SS7 Out of Band Signaling is specified, the customer may order the CN parameter at the rates for ANI-BSE. The CN parameter provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information.

* CPN will not be activated until Calling Number Identification is available from Schedule Cal. P.U.C No. A-40.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

5. End Office Services Optional Arrangements - Continued

(w) Calling Party Number (CPN) Parameter *

The CPN parameter, available as a nonchargeable option for originating FGD or BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for originating calls. The ten digit number consists of the NPA plus the seven digit telephone number which may or may not be the same number as the calling station's charge number. The CPN parameter also includes a "privacy indicator" which allows the ten digit telephone number to be coded as presented or restricted for delivery to the called end user.

(x) Carrier Selection Parameter (CSP)

The CSP, available as a nonchargeable option for originating FGD or originating BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not a given call originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 10XXX or 101XXXX.

(y) Charge Number (CN) Parameter

The CN parameter, available as a nonchargeable option for originating FGD with SS7 Out of Band Signaling, is equivalent to the existing ten digit Automatic Number Identification (ANI) available with FGD with MF signaling. When BSA-D with SS7 Out of Band Signaling is specified, the customer may order the CN parameter at the rates for ANI-BSE. The CN parameter provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information.

* CPN will not be activated until Calling Number Identification is available from Schedule Cal. P.U.C No. A-40.

Material omitted now shown on 3rd Revised Sheet 135.4.4.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Descriptions of Switched Access - Continued

5. End Office Services Optional Arrangements - Continued

(v) Signaling System 7 (SS7) Out of Band Signaling - Continued

SS7 will be furnished only where facilities are available. Service is offered on a limited basis at suitably equipped end office switches. Since this service is not offered in all areas, it is important to verify its availability by contacting your Company Account Representative.

(w) Calling Party Number (CPN) Parameter *

The CPN parameter, available as a nonchargeable option for originating FGD or BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for originating calls. The ten digit number consists of the NPA plus the seven digit telephone number which may or may not be the same number as the calling station's charge number. The CPN parameter also includes a "privacy indicator" which allows the ten digit telephone number to be coded as presented or restricted for delivery to the called end user.

(x) Carrier Selection Parameter (CSP)

The CSP, available as a nonchargeable option for originating FGD or originating BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not a given call originated form a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 101XXXX. (C)

(y) Charge Number (CN) Parameter

The CN parameter, available as a nonchargeable option for originating FGD with SS7 Out of Band Signaling, is equivalent to the existing ten digit Automatic Number Identification (ANI) available with FGD with MF signaling. When BSA-D with SS7 Out of Band Signaling is specified, the customer may order the CN parameter at the rates for ANI-BSE. The CN parameter provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information.

* CPN will not be activated until Calling Number Identification is available from Schedule Cal. P.U.C. No. A-40.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(z) FGD and BSA-D Switched Access with 950-XXXX Access

FGD and BSA-D Switched Access with 950-XXXX Access is an optional arrangement that provides for the routing of originating calls using a customer's 950-XXXX access code(s) to the customer over the customer's FGD or BSA-D trunks. All such calls will be rated as FGD switched access calls.

This optional arrangement, available where technically feasible in equal access end offices, uses FGD or BSA-D signaling protocols and technical specifications. The 950-XXXX traffic can be routed over FGD or BSA-D trunks combined with the customer's standard FGD or BSA-D traffic directly to the CDL or through the Utility's access tandem to the CDL. The customer must be able to differentiate standard FGD or BSA-D calls from 950-XXXX calls delivered over the same FGD or BSA-D trunks. FGD or BSA-D Switched Access with 950-XXXX Access is not available with certain Utility access tandem switches when the signaling from an end office to the Utility's access tandem is multifrequency address signaling and the signaling from the Utility's access tandem to the CDL is SS7 Out of Band signaling. The customer may not have originating FGD or BSA-D switched access with 950-XXXX access and originating FGB or BSA-B switched access in the same end office utilizing the same 950-XXXX Customer Identification Code.

(aa) Carrier Identification Parameter (CIP)

Carrier Identification Parameter is available as an optional feature in conjunction with originating FGD with SS7 Out of Band Signaling. CIP provides for the transmission of the Carrier Identification Code (CIC) or the access code 101XXXX to the customer with the Initial Address Message (IAM). CIP is available with originating FGD in suitably equipped end offices and access tandems. CIP will be populated by a 4-digit CIC at the rates shown in II.RATES.N.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

5. End Office Services Optional Arrangements - Continued

(z) FGD and BSA-D Switched Access with 950-XXXX Access

FGD and BSA-D Switched Access with 950-XXXX Access is an optional arrangement that provides for the routing of originating calls using a customer's 950-XXXX access code(s) to the customer over the customer's FGD or BSA-D trunks. All such calls will be rated as FGD switched access calls.

This optional arrangement, available where technically feasible in equal access end offices, uses FGD or BSA-D signaling protocols and technical specifications. The 950-XXXX traffic can be routed over FGD or BSA-D trunks combined with the customer's standard FGD or BSA-D traffic directly to the CDL or through the Utility's access tandem to the CDL. The customer must be able to differentiate standard FGD or BSA-D calls from 950-XXXX calls delivered over the same FGD or BSA-D trunks. FGD or BSA-D Switched Access with 950-XXXX Access is not available with certain Utility access tandem switches when the signaling from an end office to the Utility's access tandem is multifrequency address signaling and the signaling from the Utility's access tandem to the CDL is SS7 Out of Band signaling. The customer may not have originating FGD or BSA-D switched access with 950-XXXX access and originating FGB or BSA-B switched access in the same end office utilizing the same 950-XXXX Customer Identification Code.

(aa) Carrier Identification Parameter (CIP) (N)

Carrier Identification Parameter is available as an optional feature in conjunction with originating FGD with SS7 Out of Band Signaling. CIP provides for the transmission of the Carrier Identification Code (CIC) or the access code 101XXXX to the customer with the Initial Address Message (IAM). CIP is available with originating FGD in suitably equipped end offices and access tandems. CIP will be populated by a 4-digit CIC at the rates shown in II.RATES.N. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued (T)

(aa) Carrier Identification Parameter (CIP) - Continued

The Utility will make every effort to maintain the CIP information, equipment and facilities in a format which facilitates the customer's use of the CIP offering. Changes (i.e., technology, customer account makeup, etc.) can occur affecting such information, however, and the Utility cannot guarantee that the CIP equipment and facilities will be completely capable of processing CIP data at all times. Accordingly, the Utility shall not be liable for any incidental, indirect, special or consequential damages (including lost revenue or profits) of any kind, resulting from inaccuracy of CIP data and/or the inability of its equipment and facilities to process CIP data.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

5. End Office Services Optional Arrangements - Continued

(aa) Carrier Identification Parameter (CIP) - Continued (N)

The Utility will make every effort to maintain the CIP information, equipment and facilities in a format which facilitates the customer's use of the CIP offering. Changes (i.e., technology, customer account makeup, etc.) can occur affecting such information, however, and the Utility cannot guarantee that the CIP equipment and facilities will be completely capable of processing CIP data at all times. Accordingly, the Utility shall not be liable for any incidental, indirect, special or consequential damages (including lost revenue or profits) of any kind, resulting from inaccuracy of CIP data and/or the inability of its equipment and facilities to process CIP data. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

7. Tandem Access Sectorization (TAS) (T)

a. Description

Tandem Access Sectorization (TAS) is available on Tandem-Switched Transport facilities to FGD customers with originating traffic routed through an appropriately equipped equal access tandem. TAS provides customers a method of directing FGD traffic, on the basis of all originating end offices in an exchange to a maximum of four (4) different CDLs via the equal access tandem. For purposes of Tandem Access Sectorization, a customer premises is an Interexchange carrier CDL.

b. Tandem Access Sectorization Regions

The Utility has subdivided the Equal Access Tandem serving area into geographical grouping regions (a maximum of 4) called Tandem Access Sectorization Regions (TASR) which are defined by the Utility. Each TASR is treated as a unit and cannot be subdivided.

The TASRs are the same for all customers who order TAS. A customer with multiple CDLs within a LATA can designate to which CDL all of the traffic from a specific TASR will be routed. In addition, all originating traffic from a different TASR may be routed to the same or different CDL, provided, however, that the Utility shall not be required to route traffic within a TASR to more than one CDL.

The following is a list of Tandem Access Sectorization Regions:

Tandem	Exchange/Rate Area	Region #
Long Beach	Downey	1
	La Habra	1
	Pico Rivera	1
	Whittier	1
	Alamitos	2
	Lakewood	2
	Long Beach	2
	Norwalk	2

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. Tandem Access Sectorization (TAS)

a. Description

Tandem Access Sectorization (TAS) is available on Tandem-Switched Transport facilities to FGD customers with originating traffic routed through an appropriately equipped equal access tandem. TAS provides customers a method of directing FGD traffic, on the basis of all originating end offices in an exchange to a maximum of four (4) different CDLs via the equal access tandem. For purposes of Tandem Access Sectorization, a customer premises is an Interexchange carrier CDL. (T)

b. Tandem Access Sectorization Regions

The Utility has subdivided the Equal Access Tandem serving area into geographical grouping regions (a maximum of 4) called Tandem Access Sectorization Regions (TASR) which are defined by the Utility. Each TASR is treated as a unit and cannot be subdivided.

The TASRs are the same for all customers who order TAS. A customer with multiple CDLs within a LATA can designate to which CDL all of the traffic from a specific TASR will be routed. In addition, all originating traffic from a different TASR may be routed to the same or different CDL, provided, however, that the Utility shall not be required to route traffic within a TASR to more than one CDL.

The following is a list of Tandem Access Sectorization Regions:

Tandem	Exchange/Rate Area	Region #
Long Beach	Downey	1
	La Habra	1
	Pico Rivera	1
	Whittier	1
	Alamitos	2
	Lakewood	2
	Long Beach	2
	Norwalk	2

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

7. Tandem Access Sectorization (TAS) – Continued

b. Tandem Access Sectorization Regions - Continued (T)

Tandem	Exchange/Rate Area	Region #
Long Beach (Cont)	Huntington Beach	3
	Westminster	3
	Laguna Beach	4
Ontario	Azusa-Glendora	1
	Covina-Baldwin Park	1
	La Puente	1
	Monrovia	1
	San Gabriel Canyon	1
	Sierra Madre	1
	Chino	2
	Claremont-San Dlmas	2
	Diamond Bar	2
	Etiwanda	2
	Ontario	2
	Pomona	2
	Upland	2
	Arrowhead	3
	Banning-Beaumont	3
	Crestline	3
	Redlands	3
	San Bernardino	3
	Elsinore	4
	Hemet	4
	Idyllwild	4
	Moreno	4
	Murrieta	4
	Perris	4
	Sun City	4
	Temecula	4

Continued

FACILITIES FOR INTRASTATE ACCESS (N)

II. Switched Access - Continued

B. 6. b. - Continued

Tandem	Exchange/Rate Area	Region #
Long Beach (Cont)	Huntington Beach	3
	Westminster	3
	Laguna Beach	4
Ontario	Azusa-Glendora	1
	Covina-Baldwin Park	1
	La Puente	1
	Monrovia	1
	San Gabriel Canyon	1
	Sierra Madre	1
	Chino	2
	Claremont-San Dlmas	2
	Diamond Bar	2
	Etiwanda	2
	Ontario	2
	Pomona	2
	Upland	2
	Arrowhead	3
	Banning-Beaumont	3
	Crestline	3
	Redlands	3
	San Bernardino	3
	Elsinore	4
	Hemet	4
	Idyllwild	4
	Moreno	4
	Murrieta	4
	Perris	4
	Sun City	4
	Temecula	4 (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

7. Tandem Access Sectorization (TAS) – Continued

b. Tandem Access Sectorization Regions - Continued (T)

Tandem	Exchange/Rate Area	Region #
Palm Springs	Homestead Valley	1
	Joshua Tree	1
	Morongo Valley	1
	Twentynine Palms	1
	Vucca Valley	1
	Desert Hot Springs	2
	Palm Desert	2
	Palm Springs	2
	Desert Center	3
	Eagle Mountain	3
	Indio	3
	Pinyon	3
	Salton	3
Santa Barbara	Carpinteria	1
	Gaviota	1
	Santa Barbara	1
	Santa Ynez	1
	Guadalupe	2
	Lompoc	2
	Los Alamos	2
	Santa Maria	2
Santa Monica	San Fernando	1
	Sunland-Tujunga	1
	Malibu	2
	Santa Monica	2
	Mar Vista D.A.	2
	West Los Angeles	2
	Redondo	3

Continued

FACILITIES FOR INTRASTATE ACCESS (N)

II. Switched Access - Continued

B. 6. b. - Continued

Tandem	Exchange/Rate Area	Region #
Palm Springs	Homestead Valley	1
	Joshua Tree	1
	Morongo Valley	1
	Twentynine Palms	1
	Vucca Valley	1
	Desert Hot Springs	2
	Palm Desert	2
	Palm Springs	2
	Desert Center	3
	Eagle Mountain	3
	Indio	3
	Pinyon	3
	Salton	3
Santa Barbara	Carpinteria	1
	Gaviota	1
	Santa Barbara	1
	Santa Ynez	1
	Guadalupe	2
	Lompoc	2
	Los Alamos	2
	Santa Maria	2
Santa Monica	San Fernando	1
	Sunland-Tujunga	1
	Malibu	2
	Santa Monica	2
	Mar Vista D.A.	2
	West Los Angeles	2
	Redondo	3 (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (T)

7. Tandem Access Sectorization (TAS) – Continued

b. Tandem Access Sectorization Regions - Continued (T)

Tandem	Exchange/Rate Area	Region #
Thousand Oaks	Thousand Oaks	1
	Oxnard	2
	Santa Paula	3

Continued

FACILITIES FOR INTRASTATE ACCESS (N)

II. Switched Access - Continued

B. 6. b. - Continued

Tandem	Exchange/Rate Area	Region #	
Thousand Oaks	Thousand Oaks	1	
	Oxnard	2	
	Santa Paula	3	(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access- Continued

8. Installation and Acceptance Testing of Switched Access (T)

a. The Switched Access provided under this tariff (a) will include any Utility installed equipment, entrance cable or drop wiring and wiring or cable within a building necessary to terminate the Switched Access at a point of termination reasonably situated so as to serve the point of presence, and (b) will be installed by the Utility to such a point of termination. Wiring to apparatus or facilities of the IC shall be furnished by the IC from such point of termination.

b. At no additional charge, the Utility will, at the IC's request, cooperatively test at the time of installation, loss, three-tone slope, DC continuity and operational signaling, when applicable. When the Switched Transport provides a four-wire voice transmission interface and the network interface provides a two.wire voice transmission (i.e, there is a four.wire to two-wire conversion in the Switched Transport), balance (equal level echo path loss) may also be tested. Additionally, C-notched noise, impulse noise and C-Message noise tests will be provided when specifically requested.

Additional charges will apply when: (a) the customer requests a test not set forth above, or (b) the test requested is not essential to the installation of the particular Switched Access ordered.

If acceptance tests are not started within 30 minutes after the scheduled appointment time as negotiated between the IC and the Utility, additional charges will apply unless the delay is caused by the Utility.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access- Continued

6. Installation and Acceptance Testing of Switched Access (T)

a. The Switched Access provided under this tariff (a) will include any Utility installed equipment, entrance cable or drop wiring and wiring or cable within a building necessary to terminate the Switched Access at a point of termination reasonably situated so as to serve the point of presence, and (b) will be installed by the Utility to such a point of termination. Wiring to apparatus or facilities of the IC shall be furnished by the IC from such point of termination.

b. At no additional charge, the Utility will, at the IC's request, cooperatively test at the time of installation, loss, three-tone slope, DC continuity and operational signaling, when applicable. When the Switched Transport provides a four-wire voice transmission interface and the network interface provides a two.wire voice transmission (i.e, there is a four.wire to two-wire conversion in the Switched Transport), balance (equal level echo path loss) may also be tested. Additionally, C-notched noise, impulse noise and C-Message noise tests will be provided when specifically requested.

Additional charges will apply when: (a) the customer requests a test not set forth above, or (b) the test requested is not essential to the installation of the particular Switched Access ordered.

If acceptance tests are not started within 30 minutes after the scheduled appointment time as negotiated between the IC and the Utility, additional charges will apply. unless the delay is caused by the Utility.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access- Continued

9. Provision of Design Layout Report (T)

The Utility will provide to the IC the make-up of the Switched Transport portion of the Switched Access provided under this tariff to enable the customer to design its overall service. This information will be reissued or updated whenever the make-up of the facilities provided to the IC are materially changed.

10. Network Management (T)

The Utility will administer network to ensure the provision of standard traffic grades of service levels to all Utility telecommunications users of the Utility's network services. The Utility maintains the right to apply protective controls such as diversion of overflow traffic to Informational announcements or restriction of access to congested traffic areas on any traffic carried over its network in order to assure satisfactory levels to all customers. These controls include the right to restrict and, if necessary, deny access to and from the point of presence.

Outage credit will apply in cases where all transmission paths are blocked as a result of application of protective controls, except that to the extent that these controls relate to emergency situations, no notice requirement is necessary beyond that already provided for in this tariff.

11. Number of Transmission Paths (T)

For FGA and FGB, which are ordered on a per line or per trunk basis, repectively, the customer specifies the number of transmission paths in the order for service.

The Utility will determine the number of transmission paths for the number of FGC Busy Hour Minutes of Capacity ordered. For FGD, the customer may order either BHMCs or a specified number of transmission paths. A transmission path is a

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access- Continued

7. Provision of Design Layout Report (T)

The Utility will provide to the IC the make-up of the Switched Transport portion of the Switched Access provided under this tariff to enable the customer to design its overall service. This information will be reissued or updated whenever the make-up of the facilities provided to the IC are materially changed.

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The Utility will administer network to ensure the provision of standard traffic grades of service levels to all Utility telecommunications users of the Utility's network services. The Utility maintains the right to apply protective controls such as diversion of overflow traffic to Informational announcements or restriction of access to congested traffic areas on any traffic carried over its network in order to assure satisfactory levels to all customers. These controls include the right to restrict and, if necessary, deny access to and from the point of presence.

Outage credit will apply in cases where all transmission paths are blocked as a result of application of protective controls, except that to the extent that these controls relate to emergency situations, no notice requirement is necessary beyond that already provided for in this tariff.

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(T)

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The Utility will determine the number of transmission paths for the number of FGC Busy Hour Minutes of Capacity ordered. For FGD, the customer may order either BHMCs or a specified number of transmission paths. A transmission path is a

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access- Continued (T)

11. Number of Transmission Paths (T)

communication path within the frequency bandwidth of approximately 300 to 3,000 Hz or a derived communication path of frequency bandwidth of approximately 300 to 3,000 Hz provided over a high capacity analog facility or a high speed digital facility between an IC, end user or Utility location and another IC, end user or Utility location. The number of transmission paths will be developed using the total Busy Hour Minutes of Capacity for the end offices for each type of Switched Access ordered from a point of presence. The total BHMCs for each specific end office will be converted to transmission paths using standard Utility traffic engineering methods.

12. Number of Interface Arrangements (T)

The number of Interface Arrangements provided will be determined from the number of transmission paths required to meet the busy hour traffic capacity ordered and the type of Interface Arrangements ordered.

13. Number of End Office Switching Terminations (T)

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

14. Design and Routing (T)

The Utility shall work cooperatively with the customer to design and determine the routing and directionality of Switched Access including the selection of facilities from the first point of switching to the CDL. Selection of facilities, equipment and routing of the Switched Access is based on standard engineering methods, facilities and equipment available, Utility traffic routing plans, and the customer's order for service.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 9. - Continued

communication path within the frequency bandwidth of approximately 300 to 3,000 Hz or a derived communication path of frequency bandwidth of approximately 300 to 3,000 Hz provided over a high capacity analog facility or a high speed digital facility between an IC, end user or Utility location and another IC, end user or Utility location. The number of transmission paths will be developed using the total Busy Hour Minutes of Capacity for the end offices for each type of Switched Access ordered from a point of presence. The total BHMCs for each specific end office will be converted to transmission paths using standard Utility traffic engineering methods.

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The number of Interface Arrangements provided will be determined from the number of transmission paths required to meet the busy hour traffic capacity ordered and the type of Interface Arrangements ordered.

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

12. Design and Routing

The Utility shall work cooperatively with the customer to design and determine the routing and directionality of Switched Access including the selection of facilities from the first point of switching to the CDL. Selection of facilities, equipment and routing of the Switched Access is based on standard engineering methods, facilities and equipment available, Utility traffic routing plans, and the customer's order for service. (C)

(C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access- Continued (N)

15. Provision of Performance Data (T)

Performance data for an IC's Switched Access will be made available to the IC, based on previously arranged intervals and format. This data may include, but is not limited to, equipment blockage and failure results, ineffective attempt performance, transmission failures, and other service-related data. If the data is to be provided in other than a paper format, the costs of such exchange will be determined on an individual case basis and must be borne by the IC. Performance data related to customer provided facilities will not be provided.

16. Transmission Performance (T)

Each Switched Access transmission path is provided with a standard transmission performance. There are three different standard performances (i.e., Types A, B and C). The standard for a particular transmission path is dependent on the Interface Arrangement and whether the Switched Access is routed direct or via an access tandem. The available transmission performances are set forth in GTE Operating Companies Tariff FCC No. 1. In addition, data transmission parameters may be ordered by the IC. Data transmission parameters are set forth in GTE Operating Companies Tariff FCC No. 1 and are measured from the point of presence to the first point of switching. These are immediate action limits.

17. Design Blocking Probability (T)

The Utility will design the facilities used in the provision of Switched Access services to meet the blocking probability criteria as follows..

a. For FGA and FGB no design blocking criteria apply.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 12. - Continued

(D)

(D)

13. Provision of Performance Data

Performance data for an IC's Switched Access will be made available to the IC, based on previously arranged intervals and format. This data may include, but is not limited to, equipment blockage and failure results, ineffective attempt performance, transmission failures, and other service-related data. If the data is to be provided in other than a paper format, the costs of such exchange will be determined on an individual case basis and must be borne by the IC. Performance data related to customer provided facilities will not be provided.

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Each Switched Access transmission path is provided with a standard transmission performance. There are three different standard performances (i.e., Types A, B and C). The standard for a particular transmission path is dependent on the Interface Arrangement and whether the Switched Access is routed direct or via an access tandem. The available transmission performances are set forth in GTE Operating Companies Tariff FCC No. 1. In addition, data transmission parameters may be ordered by the IC. Data transmission parameters are set forth in GTE Operating Companies Tariff FCC No. 1 and are measured from the point of presence to the first point of switching. These are immediate action limits.

15. Design Blocking Probability

The Utility will design the facilities used in the provision of Switched Access services to meet the blocking probability criteria as follows..

a. For FGA and FGB no design blocking criteria apply.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access- Continued (N)

17. Design Blocking Probability Continued (T)

b. for FGC the design blocking objective will be no greater than one percent (.01) between the interface at the point of presence and the first point of switching. 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 FGD and the design blocking objective will be no greater than one percent (.01) between the point of presence and the end office switch. Standard traffic engineering methods will be used by the Utility to determine the number of transmission paths required to achieve this level of Service Standards will be used by the Utility to determine the number of transmission paths required to achieve this level of blocking.

d. The Utility will perform routine measurement functions on FGA and FGB, to assure that an adequate number of transmission paths are in service. The Utility will recommend that additional BHMCs be ordered by the IC when additional paths are required to reduce the measured blocking to the designed blocking level. for the BHMCs 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 tables set forth in GTE Operating Companies Tariff FCC No. 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. 15. - Continued (T)

b. for FGC the design blocking objective will be no greater than one percent (.01) between the interface at the point of presence and the first point of switching. 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 FGD and the design blocking objective will be no greater than one percent (.01) between the point of presence and the end office switch. Standard traffic engineering methods will be used by the Utility to determine the number of transmission paths required to achieve this level of Service Standards will be used by the Utility to determine the number of transmission paths required to achieve this level of blocking.

d. The Utility will perform routine measurement functions on FGA and FGB, to assure that an adequate number of transmission paths are in service. The Utility will recommend that additional BHMCs be ordered by the IC when additional paths are required to reduce the measured blocking to the designed blocking level. for the BHMCs 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 tables set forth in GTE Operating Companies Tariff FCC No. 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

17. Design Blocking Probability - Continued (T)

1. For FGB, FGC, BSA-B, and BSA-C transmission paths carrying traffic between a CDL and the first point of switching, or for FGD and BSA-D transmission paths carrying traffic direct between a CDL and an end office, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Daily Busiest Hour for the Number Measurements Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	5-6 Measurements
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 FGD and BSA-D transmission paths carrying traffic between a CDL and an end office via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Daily Busiest Hour for the Number Measurements Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	5-6 Measurements
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.045	.055	.080
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

15. Design Blocking Probability - Continued

1. For FGB, FGC, BSA-B, and BSA-C transmission paths carrying traffic between a CDL and the first point of switching, or for FGD and BSA-D transmission paths carrying traffic direct between a CDL and an end office, the measured blocking thresholds are as follows: (N)

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Daily Busiest Hour for the Number Measurements Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	5-6 Measurements
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 FGD and BSA-D transmission paths carrying traffic between a CDL and an end office via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Daily Busiest Hour for the Number Measurements Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	5-6 Measurements
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.045	.055	.080
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

18. Special Facilities Routing (T)

An IC may request that the facilities used to provide Switched Access be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., avoidance, diversity and cable-only) apply.

19. Band Advance Arrangement (T)

This arrangement is available for Special Access Lines used in conjunction with a Switching Interface. This option, which is provided in association with two or more groups, provides for the automatic overflow of terminating calls from a line group, that has exceeded its call capacity, to another line group with equal or a greater number of bands than that of the overflowing line group. This arrangement does not provide for call overflow from a group with a higher designation to one with a lower band designation.

20. (D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

16. Special Facilities Routing

An IC may request that the facilities used to provide Switched Access be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., avoidance, diversity and cable-only) apply.

17. Band Advance Arrangement

This arrangement is available for Special Access Lines used in conjunction with a Switching Interface. This option, which is provided in association with two or more groups, provides for the automatic overflow of terminating calls from a line group, that has exceeded its call capacity, to another line group with equal or a greater number of bands than that of the overflowing line group. This arrangement does not provide for call overflow from a group with a higher designation to one with a lower band designation.

18. Information Surcharge (N)

a. The Information Surcharge applies to each Switched Access minute of use and shall be assessed upon all customers that use local switching facilities for the provision of intrastate interLATA telecommunications.

b. The Information Surcharge is to recover the costs of the functions associated with the printing of the directory white pages. The surcharge is assessed to a customer based on the total number of access minutes for Switched Access. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

21. 800/877/888 Data Base Query Service (T)

800/877/888 Data Base Query Service, offered with 800/877/888 Access Service, performs the 800/877/888 Customer Identification Function, as described in this section, to determine the customer to whom 800/877/888 calls must be routed. For all 1+800-NXX-XXXX, 1+877-NXX-XXXX or 1+888-NXX-XXXX calls originated by an end user, the Utility will perform the customer identification function using a Utility 800/877/888 Data Base to screen the dialed ten digits of the 800/877/888 call to determine the customer selected by the 800/877/888 subscriber to carry that 800/877/888 call. If the 800/877/888 call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an access tandem switch equipped to provide the customer identification function. Once customer identification has been established through 800/877/888 Data Base Query Service, the 800/877/888 call will be routed to the selected customer for completion.

Basic 800/877/888 Data Base Queries provide instructions to route 1+800, 1+877 or 1+888 calls on a simple turn around basis to one particular customer or to different customers based on the LATA in which the 800/877/888 call originates.

Premium 800/877/888 Data Base Queries provide instructions to route l+800-NXX-XXXX, l+877-NXX-XXXX or l+888-NXX-XXXX calls to:

a. Different customers based on time of day, day of week, or based on number of calls allocated by 800/877/888 subscriber selected percentages.

b. Different terminating locations based on time of day, day of week, or based on the number of calls allocated by 800/877/888 subscriber selected percentages.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

19. 800/877/888 Data Base Query Service (C)

800/877/888 Data Base Query Service, offered with 800/877/888 Access Service, performs the 800/877/888 Customer Identification Function, as described in this section, to determine the customer to whom 800/877/888 calls must be routed. For all 1+800-NXX-XXXX, 1+877-NXX-XXXX or 1+888-NXX-XXXX calls originated by an end user, the Utility will perform the customer identification function using a Utility 800/877/888 Data Base to screen the dialed ten digits of the 800/877/888 call to determine the customer selected by the 800/877/888 subscriber to carry that 800/877/888 call. If the 800/877/888 call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an access tandem switch equipped to provide the customer identification function. Once customer identification has been established through 800/877/888 Data Base Query Service, the 800/877/888 call will be routed to the selected customer for completion. (C)

Basic 800/877/888 Data Base Queries provide instructions to route 1+800, 1+877 or 1+888 calls on a simple turn around basis to one particular customer or to different customers based on the LATA in which the 800/877/888 call originates. (C)

Premium 800/877/888 Data Base Queries provide instructions to route l+800-NXX-XXXX, l+877-NXX-XXXX or l+888-NXX-XXXX calls to: (C)

a. Different customers based on time of day, day of week, or based on number of calls allocated by 800/877/888 subscriber selected percentages. (C)

b. Different terminating locations based on time of day, day of week, or based on the number of calls allocated by 800/877/888 subscriber selected percentages. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

21. 800/877/888 Data Base Query Service - Continued (T)

c. Standard seven digit local exchange telephone numbers at the terminating end based on the 800/877/888 subscriber's specific requirements.

The 800/877/888 subscriber is responsible for arranging the entry of the various routing instructions discussed herein into the Number Administration Service Center's Service Management System.

Rate regulations and charges applicable to 800/877/888 Data Base Query Service appear in this section.

22. 800/877/888 Customer Identification Function (T)

This function utilizes 800/877/888 Data Base Query Service, as described in this section, to screen all ten digits of all 800-NXX-XXXX, 877-NXX-XXXX or 888-NXX-XXXX type calls generated by end users to determine the customer to which the 800/877/888 call is to be routed. This function is provided with 800/877/888 Access Service.

23. 900 Customer Identification Function (T)

This function provides for screening of the first six digits of all 900-NXX-XXXX type calls which are generated by end users for the purposes of determining the IC to which the call is to be routed. This function is provided with 900 Access Service and with FGC and FGD.

24. 500 Customer Identification Function (T)

This function provides for screening of the first six digits of all 500-NXX-XXXX type calls generated by end users to determine the customer to which the call is to be routed. This function is provided in conjunction with 500 SAC Access Service and with FGC and FGD.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

19. 800/877/888 Data Base Query Service - Continued (C)

c. Standard seven digit local exchange telephone numbers at the terminating end based on the 800/877/888 subscriber's specific requirements. (C)

The 800/877/888 subscriber is responsible for arranging the entry of the various routing instructions discussed herein into the Number Administration Service Center's Service Management System. (C)

Rate regulations and charges applicable to 800/877/888 Data Base Query Service appear in this section. (C)

20. 800/877/888 Customer Identification Function (C)

This function utilizes 800/877/888 Data Base Query Service, as described in this section, to screen all ten digits of all 800-NXX-XXXX, 877-NXX-XXXX or 888-NXX-XXXX type calls generated by end users to determine the customer to which the 800/877/888 call is to be routed. This function is provided with 800/877/888 Access Service. (C) (C) (C) (C)

21. 900 Customer Identification Function

This function provides for screening of the first six digits of all 900-NXX-XXXX type calls which are generated by end users for the purposes of determining the IC to which the call is to be routed. This function is provided with 900 Access Service and with FGC and FGD.

22. 500 Customer Identification Function

This function provides for screening of the first six digits of all 500-NXX-XXXX type calls generated by end users to determine the customer to which the call is to be routed. This function is provided in conjunction with 500 SAC Access Service and with FGC and FGD.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

25. Basic Service Elements (N)

The following Basic Service Elements (BSEs) are chargeable unbundled service options available only with Basic Serving Arrangements. The Utility makes no guarantee that these BSE's will be available in all locations. Rate regulations and charges applicable to BSEs appear in the Switched Access RATES section.

a. Alternate Traffic Routing - BSE

This BSE provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) via a trunk group (the "high usage" group) to a CDL 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 or groups (via one or more intermediate high usage groups) to one or more CDLs until the originating traffic is directed to a final group. The customer shall specify the last trunk CCS desired for the high usage group and each intermediate group.

When a BSA-D customer subscribes to TAS (Tandem Access Sectorization) and Alternate Traffic Routing, the "final" trunk group and any intermediate trunk groups carrying additional originating overflowing traffic must terminate at the same CDL as does the "high usage" trunk group.

Alternate Traffic Routing - BSE is provided in suitably equipped end office or access tandem switches and is available with BSA-B, BSA-C, and BSA-D. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued (N)

25. Basic Service Elements - Continued

b. Automatic Number Identification (ANI) - BSE

This BSE provides the automatic transmission of seven or ten digit number and information digit to the CDL for calls originating in the Access Area to identify the calling station. The ANI arrangement will be associated with all individual transmission paths in a trunk group when this arrangement is provided.

These information digits shall only be used for billing and collection, routing, screening, and completion of the originating subscriber's call or transaction or for service directly related to the originating subscriber's call or transaction.

The ANI provided shall not be reused or resold without first notifying the originating telephone subscriber and obtaining affirmative consent of the subscriber for reuse or resale.

Unless the originating subscriber has given consent for the reuse or resale, any information provided shall not be used for any purpose other than:

- performing the services or transactions that are subject of the originating subscriber's call;
- ensuring network performance security, and the effectiveness of call delivery;
- compiling, using and disclosing aggregate information; and,
- complying with applicable laws. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

25. Basic Service Elements - Continued

b. Automatic Number Identification (ANI) - BSE - Continued (T)

The above restrictions shall not prevent the subscriber to the ANI Arrangement from using information acquired from an ANI Arrangement, such as the telephone number or information derived from analysis of the characteristics of calls received through the ANI Arrangement, to offer a product or service that is directly related to the products or services previously purchased by a customer of the ANI Arrangement subscriber.

The seven digit ANI telephone number is available with BSA-B and BSA-C. It will be transmitted on all calls except those identified as a multiparty line or ANI failure. The ten digit ANI telephone number is only available with BSA-D. When BSA-D with SS7 Out of Band Signaling is specified, the customer may order an ANI equivalent by ordering the Charge Number Parameter at the rates for ANI-BSE. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as a multiparty line or ANI failure in which case only the NPA will be transmitted (in addition to the information digit described below). The ANI telephone number is the listed telephone number of the end user that originates the call.

With BSA-C, ANI is provided from end offices at which the Utility recording for end user billing is not provided, or where it is not required, as with 800/877/888 Service. It is not provided from end offices for which the Utility needs to forward ANI to its recording equipment. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

25. Basic Service Elements - Continued

b. Automatic Number Identification (ANI) - BSE - Continued (T)

Where ANI cannot be provided (e.g., on calls from 2, in some instances, 4, and 8 party services) information digits will be provided to the customer. The information digits are used in the following situations:

1. Telephone number is the station billing number - no special treatment is required.

2. Multiparty line telephone number is a 2, in some instances, 4, or 8 party line and cannot be identified - number must be obtained via an operator in some other manner.

3. ANI failure has occurred in the end office switch which prevents identification of calling telephone number - number must be obtained by operator or in some other manner.

4. The configuration of the line requires special screening or handling by the customer, or

5. Call is an Automatic Identified Outward Dialed (AIOD) call from end user terminal equipment.

These ANI information digits are available with BSA-B, BSA-C, and BSA-D only. In addition the following information digits are available with BSA-D only:

(a) InterLATA Area restricted - telephone number is identified line.

(b) InterLATA Area restricted - line requires special screen or handling by the customer.

These information digits will be transmitted as agreed to by the customer and the Utility.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

25. Basic Service Elements - Continued (N)

b. - Continued

Where ANI cannot be provided (e.g., on calls from 2, in some instances, 4, and 8 party services) information digits will be provided to the customer. The information digits are used in the following situations:

1. Telephone number is the station billing number - no special treatment is required.

2. Multiparty line telephone number is a 2, in some instances, 4, or 8 party line and cannot be identified - number must be obtained via an operator in some other manner.

3. ANI failure has occurred in the end office switch which prevents identification of calling telephone number - number must be obtained by operator or in some other manner.

4. The configuration of the line requires special screening or handling by the customer, or

5. Call is an Automatic Identified Outward Dialed (AIOD) call from end user terminal equipment.

These ANI information digits are available with BSA-B, BSA-C, and BSA-D only. In addition the following information digits are available with BSA-D only:

(a) InterLATA Area restricted - telephone number is identified line.

(b) InterLATA Area restricted - line requires special screen or handling by the customer.

These information digits will be transmitted as agreed to by the customer and the Utility.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

25. Basic Service Elements - Continued

c. User Transfer (N)

This option, available with BSA-A, provides the ability to temporarily hold an established call, originate another call to a third party, and then redirect the first call to the third party. When a call has been transferred, the original line is cleared to place or receive another call.

d. Hunt Group Arrangement - BSE

This BSE, available only with BSA-A, 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 BSE contemplates one access code (i.e., telephone number) per arrangement. This BSE also provides the ability to sequentially access one of two or more lines in the terminating direction, when the hunting number of the line group is forwarded from the customer to the Utility.

e. Queuing - BSE

This BSE is available only with BSA-A in conjunction with the Uniform Call Distribution (UCD) BSE and may only be provided in Utility electronic end offices.

When all terminals in a UCD Arrangement are busy, queuing allows for an incoming call to be placed in queue to await an available terminal in the UCD arrangement. When a call is placed in queue, audible ringing is returned to the customer and no further indication is sent until a terminal completes the call. The call that has been in queue the longest will be the first call handled when a terminal becomes available. The maximum number of calls that can be placed in queue is dependent upon the total number of lines in the multiline hunt group. If the incoming call cannot be placed in queue, the calling party will receive a busy tone.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

25. Basic Service Elements - Continued (N)

f. Uniform Call Distribution - BSE

This BSE provides a type of multiline hunting arrangement which evenly distributes calls among the available lines in a hunt group. Where available, this arrangement is provided with originating use for BSA-A and terminating use for Special Access Lines.

g. Simplified Message Desk Interface (SMDI)

This option provides call-related information for calls utilizing a BSE hunt group arrangement. SMDI provides the capability for delivering the called number, the calling number, and a call forwarding indicator (i.e., call forwarding busy, call forwarding don't answer, or direct call). This information is transmitted to the CDL utilizing a DNAL. In addition, where customer equipment exists, SMDI will allow a customer to activate message waiting indicator to the called number. The message waiting indicator includes Message Waiting Indication - Audible or message Waiting Indication - Audible Ring Burst.

h. Caller Identification - Number (ICLID) - BSE

This BSE provides the customer with the calling party's directory number at the time the call is received. The calling number is transmitted to the customer during the first silent interval of the ringing cycle. The number is displayed on customer-provided equipment.

Where available, this arrangement is provided as a nonchargeable option with originating BSA-D. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

25. Basic Service Elements - Continued (N)

i. Remote Call Forwarding - BSE

Remote Call Forwarding (RCF) is a service that utilizes a seven digit Directory Number (DN) to automatically forward all incoming calls to another DN. The forwarded to number can be in the same central office switch or in another central office switch.

The remote call forwarding directory number is not directly associated with an access connection arrangement, but rather is a software translation programmed within the central office switch. All calls dialed to that directory number will forward to another number automatically. The subscriber to this capability does not have a station set for termination of calls made to their remote call forwarding number. Where available, this arrangement is provided with BSA-A.

j. Direct Inward Dialing (DID) - BSE

This BSE provides a two or four wire DID trunk side termination with line treatment at the first point of switching that permits the Dial Tone Central Office Switch to deliver all or part of the called number to the customer premises at the time the call is established. Multifrequency (MF), Dual Tone Multifrequency (DTMF) or Dial Pulse address signaling is used by the Utility to deliver only the called telephone number to the customer premises. No other address signaling will be delivered to the customer premises. The type of signaling utilized depends on the Dial Tone Office switching equipment available. If additional address signaling is required by the customer, it must be provided by the customer's end user using inband tone address signals which will not be regenerated by the Utility and will be subject to the ordinary transmission capabilities of the Switching Transport provided.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

25. Basic Service Elements - Continued

j. Direct Inward Dialing (DID) - BSE - Continued (T)

This BSE is only available with new BSA-A arrangements and only in the originating direction. The customer must order a DID Termination and the first group of 20 DID numbers to be associated with the DID Termination in addition to BSA-A service. Additional groups of 20 DID telephone numbers are available. The DID optional feature is only available as a stand alone BSE or optional feature, no other BSEs or optional features can be used in conjunction with it.

k. Billing Number Screening (BNS) - BSE

This BSE prevents the billing of incoming collect and third number billed calls to a customer's telephone account.

Where available, this arrangement is provided with BSA-A.

l. Controlink^{R} Digital Channel Service (CLDCS) - BSE

This BSE provides a digital common line connection between the CDL and the local serving wire center. The digital transmission rate available is either DS1 (1.544 Mbps) or DS3 (44.736 Mbps).

Controlink^{R} Digital Channel Service will be used by the customer to aggregate the customer's telecommunication services onto a digital local loop.

This arrangement is provided on an Individual Case Basis (ICB) with BSA-D.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

25. Basic Service Elements - Continued (N)

j. - Continued

This BSE is only available with new BSA-A arrangements and only in the originating direction. The customer must order a DID Termination and the first group of 20 DID numbers to be associated with the DID Termination in addition to BSA-A service. Additional groups of 20 DID telephone numbers are available. The DID optional feature is only available as a stand alone BSE or optional feature, no other BSEs or optional features can be used in conjunction with it.

k. Billing Number Screening (BNS) - BSE

This BSE prevents the billing of incoming collect and third number billed calls to a customer's telephone account.

Where available, this arrangement is provided with BSA-A.

l. Controlink^{R} Digital Channel Service (CLDCS) - BSE

This BSE provides a digital common line connection between the CDL and the local serving wire center. The digital transmission rate available is either DS1 (1.544 Mbps) or DS3 (44.736 Mbps).

Controlink^{R} Digital Channel Service will be used by the customer to aggregate the customer's telecommunication services onto a digital local loop.

This arrangement is provided on an Individual Case Basis (ICB) with BSA-D. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

26. (D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Swtiched Access - Continued

B. Description of Switched Access - Continued

26. Equal Access Recovery Charge (N)

The Equal Access Recovery Charge which is designed to recover costs that the Utility incurs solely in connection with intraLATA equal access will be assessed over a three (3) year period and will be eliminated after this time. The charge applies to each Originating Switched Access minute of use and shall be assessed upon all customers that use local exchange switching facilities for the provision of intrastate telecommunications. The Equal Access Recovery Charge is provided in II.RATES.H. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

C. Obligations of the Customer

1. On and Off-Hook Supervision

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

2. Order Requirements

The customer shall order all Switched Access in accordance with the Ordering Options for FIA.

Switched Access capacity is measured at the Utility's first point of switching. ASRs for Entrance Facilities and Direct-Trunked Transport must specify the customer designated premises, type of service (e.g., Voice Grade, DS1 or DS3), the channel interface, and any options desired. In addition, ASRs for Direct-Trunked Transport must specify any Hubs involved and the end office, when direct routing to an end office is desired, or the access tandem if direct routing to an access tandem switch for purposes of obtaining Tandem-Switched Transport is desired. (T)

ASRs for Direct-Trunked Transport must also specify the Feature Group, number of lines, trunks, at the end office or tandem, major traffic types and directionality. Ordered quantities shall be specified by originating and terminating direction and by traffic type (e.g., MTS/MTS-type or WATS/WATS-type). Where the customer desires to segregate its originating traffic into separate trunk groups by type of traffic, the customer must specify the ordered quantities by trunk group and by traffic type. For example, if a customer desires a separate trunk group to carry its 500, 800, 877, 888 or 900 traffic, the order must specify the trunks or BHMCs associated with 500, 800, 877, 888 or 900 traffic for that trunk group.

Customers may order Tandem-Switched Transport by specifying the number of trunks required between the CDL and access tandem switch or BHMCs between the CDL and the end office. The customer shall provide, when it orders BHMC, its projected interstate BHMC between the CDL and each end office in the Access Area by traffic type.

(D)
(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

C. Obligations of the Customer

1. On and Off-Hook Supervision

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

2. Order Requirements

The customer shall order all Switched Access in accordance with the Ordering Options for FIA.

Switched Access capacity is measured at the Utility's first point of switching. ASRs for Entrance Facilities and Direct-Trunked Transport must specify the customer designated premises, type of service (e.g., Voice Grade, DS1 or DS3), the channel interface, and any options desired. In addition, ASRs for Direct-Trunked Transport must specify any Hubs involved and the end office, when direct routing to an end office is desired, or the access tandem* if direct routing to an access tandem switch for purposes of obtaining Tandem-Switched Transport is desired.

ASRs for Direct-Trunked Transport must also specify the Feature Group, number of lines, trunks, at the end office or tandem, major traffic types and directionality. Ordered quantities shall be specified by originating and terminating direction and by traffic type (e.g., MTS/MTS-type or WATS/WATS-type). Where the customer desires to segregate its originating traffic into separate trunk groups by type of traffic, the customer must specify the ordered quantities by trunk group and by traffic type. For example, if a customer desires a separate trunk group to carry its 500, 800, 877, 888 or 900 traffic, the order must specify the trunks or BHMCs associated with 500, 800, 877, 888 or 900 traffic for that trunk group. (C) | (C)

Customers may order Tandem-Switched Transport by specifying the number of trunks required between the CDL and access tandem switch or BHMCs between the CDL and the end office. The customer shall provide, when it orders BHMC, its projected interstate BHMC between the CDL and each end office in the Access Area by traffic type.

* Due to billing constraints, the ordering of Tandem Switched Transport in conjunction with Direct-Trunked Transport is temporarily unavailable.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

C. Obligations of the Customer - Continued

2. Order Requirements - Continued

The customer shall provide, when it orders lines or trunks, its projected interstate traffic distribution by percent for each end office in the Access Area by traffic type. If the customer fails to provide its traffic distribution the Utility will use appropriate Utility traffic studies to project distribution by end office. (N)

When FGA is ordered the customer shall specify whether or not the terminating traffic is to be restricted to the Access Area, or extended beyond the Access Area (i.e., local calling area). If the customer wishes to restrict the traffic, rates may apply, depending upon the optional arrangement selected. (N)

When a customer orders Switched Access for mixed interstate and intrastate usage, the customer shall provide an estimate of the total usage which will be interstate by traffic type. (L) (L) (D) (D)

The customer allocated percentages will be used as a basis of the jurisdictional determination for billing purposes of all charges until a more accurate determination can be provided. (N) (N)

(L) Material previously shown on 5th Revised Sheet 142.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

C. Obligations of the Customer - Continued

3. (D)

D.

1.

2.

3.

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

C. Obligations of the Customer - Continued

3. 800/877/888 Access Service Code Reports for Six Digit Customer Identification (C)

When ordering 800/877/888 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. (C)

D. Payment Arrangements and Credit Allowances

1. Minimum Period

The minimum period for which Switched Access is provided and for which charges are applicable is set forth in Ordering Options for FIA.

2. Cancellation of Applications

A customer may cancel an application for Switched Access in accordance with the regulations and charges set forth in Ordering Options for FIA.

3. Credit Allowances

a. Allowance for interruptions are set forth in General Regulations, except that allowances for interruption of Switched Access shall only be credited when all transmission paths to an end office are unavailable to the customer.

b. Measured Local Service (MLS) credit will be included in the monthly bills rendered to customers for their FGA Switched Access to reflect any usage charges collected from their end users for intrastate intermarket area calls. The amount of credit per access minute is set forth under RATES in this section of the tariff. This credit is applicable only for originating calls.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued (T)

C. Obligations of the IC - Continued

5. (D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Swtiched Access - Continued

E. Rate and Charge Regulations

1. Rate Elements

a. For the purposes of determining the rates and charges for Switched Access, including SAC Access Service, the following rate elements may apply:

(1)	Entrance Facility	
(2)	Direct-Trunked Transport	
(3)	Tandem-Switched Transport	
(4)	Multiplexing	(T)
(5)	End Office Switching	(T)
(6)	Composite Terminating End Office Charge	(N)
(7)	800/877/888 Data Base Query	(T)
(8)	Switched Cross Connect Charge	|
(9)	Dedicated Trunk Port	|
(10)	Shared Trunk Port	|
(11)	Transitional Intrastate Access Charge	(T)

FGB, FGC, FGD and SAC Access Service are also subject to the Network Blocking charge per call described in this section.

2. Types of Rates and Charges

Switched Transport rates will be applied based on the Zone Density Rate Plan.

The following types of rates and charges apply to Switched Access.

a. Usage Rated

Usage rates are rates applied on a per Access Minute basis, or they are applied on a per query basis either as basic or premium.

End Office Switching, Tandem-Switched Transport - Facility, Tandem-Switched Transport - Termination, Tandem Switching, Shared Trunk Port, Composite Terminating End Office Charge and Transitional Intrastate Access Charge rate elements are usage rated. (C)

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Continued

FACILITIES FOR INTRASTATE ACCESS

II. Swtiched Access - Continued

E. Rate and Charge Regulations

1. Rate Elements

a. For the purposes of determining the rates and charges for Switched Access, including SAC Access Service, the following rate elements may apply:

(1)	Entrance Facility	
(2)	Direct-Trunked Transport	
(3)	Tandem-Switched Transport	
(4)		(D)
(5)	Multiplexing	
(6)	End Office Switching	
(7)		(D)
(8)	800/877/888 Data Base Query	
(9)	Switched Cross Connect Charge	
(10)		(D)
(11)	Dedicated Trunk Port	(N)
(12)	Shared Trunk Port	|
(13)	Transitional Intrastate Access Charge	(N)

FGB, FGC, FGD and SAC Access Service are also subject to the Network Blocking charge per call described in this section.

2. Types of Rates and Charges

Switched Transport rates will be applied based on the Zone Density Rate Plan.

The following types of rates and charges apply to Switched Access.

a. Usage Rated

Usage rates are rates applied on a per Access Minute basis, or they are applied on a per query basis either as basic or premium.

End Office Switching, Tandem-Switched Transport - Facility, Tandem-Switched Transport - (C)
Termination, Tandem Switching, Shared Trunk Port, and Transitional Intrastate Access Charge (C)
rate elements are usage rated.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Swtiched Access - Continued

E. Rate and Charge Regulations

1. Rate Elements

a. For the purposes of determining the rates and charges for Switched Access, including SAC Access Service, the following rate elements may apply:

(1) Entrance Facility
(2) Direct-Trunked Transport
(3) Tandem-Switched Transport
(4) Interconnection Charge
(5) Multiplexing
(6) End Office Switching
(7) Information Surcharge
(8) 800/877/888 Data Base Query (C)
(9) Switched Cross Connect Charge
(10) Equal Access Recovery Charge

FGB, FGC, FGD and SAC Access Service are also subject to the Network Blocking charge per call described in this section.

2. Types of Rates and Charges

Switched Transport rates will be applied based on the Zone Density Rate Plan.

The following types of rates and charges apply to Switched Access.

a. Usage Rated

Usage rates are rates applied on a per Access Minute basis, or they are applied on a per query basis either as basic or premium.

End Office Switching, Information Surcharge, Tandem-Switched Transport - Facility, Tandem-Switched Transport - Termination, Tandem Switching, Interconnection and Equal Access Recovery Charge rate elements are usage rated.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

2. Types of Rates and Charges - Continued

b. Flat Rated

Flat rates apply, on a per month basis, regardless of the amount of rate element usage. Flat rates may be either distance-sensitive or nondistance-sensitive.

Direct-Trunked Transport is flat-rated and, with the exception of Voiceband Transport, is both distance and non-distance-sensitive. Voiceband Transport is distance-sensitive only.

The Entrance Facility is flat-rated and may be either distance or nondistance-sensitive.

Multiplexing is a flat-rated element.

Dedicated Multiplexing, the Cross Connect charge, and Dedicated Trunk Port charge are all flat-rated elements. (N) (N)

c. Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity in conjunction with providing Switched Access Service or a change to an existing Switched Access Arrangement.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

2. Types of Rates and Charges - Continued

b. Flat Rated (N)

Flat rates apply, on a per month basis, regardless of the amount of rate element usage. Flat rates may be either distance-sensitive or nondistance-sensitive.

Direct-Trunked Transport is flat-rated and, with the exception of Voiceband Transport, is both distance and non-distance-sensitive. Voiceband Transport is distance-sensitive only.

The Entrance Facility is flat-rated and may be either distance or nondistance-sensitive.

Multiplexing is a flat-rated element. (N)

c. Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity in conjunction with providing Switched Access Service or a change to an existing Switched Access Arrangement. (T)

(D)

(D)

Material omitted now shown on 8th Revised Sheet 145.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

2. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued (C)

(1) Switched Access Installation and Ordering Charges

(a) Service Installation Charge

For Entrance Facilities this charge applies to customer requests for installation of Switched Access Entrance Facilities from the CDL to the serving wire center. The Service Installation Charge applies on a per Entrance Facility basis and is dependent upon the type of Entrance Facility ordered (i.e., Voiceband, DS1 or DS3). In addition, for DS1 Entrance Facilities, a separate nonrecurring charge applies for the first DS1 Entrance Facility ordered and each additional DS1 Entrance Facility between the same CDL and serving wire center. The "First System" charge is assessed per entrance facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR, to be installed at the same time between the same CDL and serving wire center, the "Additional System" charge will apply. Changes in the type of Entrance Facility will be treated as a discontinuance of one type of service and a start of another. The Service Installation charge shall apply to the new Entrance Facility installation.

For multiplexing, this charge applies per multiplexing arrangement ordered and is dependent upon the type of multiplexing performed.

(C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

2. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(1) Switched Access Installation and Ordering Charges - Continued (C)

(b) Switched Access Ordering Charge

This charge, applied on a per ASR basis, is associated with the work performed by the Utility in connection with the receiving, recording and processing of service requests. The Switched Access Ordering charge applies to all requests to establish Entrance Facilities, Direct-Trunked Transport Facilities, and Tandem-Switched Transport Facilities. Where Entrance Facilities and Direct-Trunked and/or Tandem-Switched Transport are ordered on a single ASR, only one Switched Access Ordering Charge applies. This charge is in addition to any Service Installation Charge for Entrance Facility installations.

The Switched Access Ordering Charge also applies to requests to activate additional trunks or to increase BHMC on existing Switched Transport Facilities and, changes in the type of Feature Group or Direct-Trunked Transport, for any modifications or changes to existing services that are not considered an administrative change.

Changes in name or ownership or transfer of responsbility from one customer to another requires the discontinuance of service and the start of a new service when an interruption or relocation of service is involved. (C)

Material omitted now shown Original Sheet 147.2.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E.2.c.(1) - Continued

(b) Switched Access Ordering Charge - Continued (C)

The Switched Access Ordering Charge and Service Installation Charge, if appropriate, and any appropriate Minimum Period Charges will apply per service change. (C)

(c) Administrative changes will be made without charge to the customer. Administrative changes are as follows: (L)

- Change in name or ownership or transfer of responsibility from one customer to another, provided there is no interruption of use or relocation of Switched Access service, (T) (T)
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address or contact name or telephone number),
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer testline number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of agency authorization.

If a change is required in conjunction with the provision of 800 Access Service and involves rearrangement of the customer's service from direct routed to tandem routed due to Utility location of the 800 customer identification function at the access tandem, no charge shall apply. (L)

(L) Material formerly shown on Original Sheet 147.1

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E.2.c. - Continued

(2) Design Change Charge

A design change is any change to a pending ASR or a change to an existing service which requires engineering review. Design changes may include the addition or deletion of End Office Services Optional Arrangements or changes in the signaling arrangements associated with the Interface Arrangements.

Design changes do not include a change of Switched Access Interface Arrangement or facility type, Customer Designated Location, end user premises, end office switch, or Feature Group type. Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR with the appropriate cancellation charges applied.

The Utility will review the requested change, notify the customer whether the change can be accommodated and if a new service date is required. If the customer authorizes the Utility to proceed with the design change, a Design Change Charge will apply.

The Design Change Charge for Switched Access Service, as set forth following, will apply on a per ASR per occurrence basis for each request requiring a design change.

The Design Change Charge is in addition to any Switched Access Installation or Ordering charges associated with the change requested. (T)

If a change of service date is required, the Service Date Change Charge as set forth in Ordering Options for FIA will apply.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

3. Switched Data Service (T)

The charge set forth in the RATES section for FGD applies per access minute originating to or terminating from a FGD trunk group equipped for Switched Data service. (C) (C)

4.

5.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

6. Change of Switched Access Type

Changes from one type of Switched Access to another will be treated as a discontinuance of one type of FIA and start of another. The Switched Access Installation and Ordering Charges will apply, with the following exception. When a customer upgrades a FGA, FGB, or FGC to a FGD at the same first point of switching, the charge will not apply. If however, optional features are added to the service at the time the conversion takes place, the Ordering Charge for these additions will apply. (T) (T)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

7. Moves

A move involves a change in the physical location of the point of termination of Switched Access. The charge for the move depends on whether the move is within the same CDL or to a different CDL.

a. Same CDL

When the move is to a new point within the same CDL, the Switched Access Ordering Charge will apply. There will be no change in the minimum period requirements.

b. A Different CDL

When the move is to a different CDL or to an EIS as described in Section XVII, it will be treated as a disconnect and an installation of Switched Access. The Switched Access Installation and Ordering charges will apply to the Switched Access installed at the CDL. A new minimum period will also be established for the installed Switched Access. The customer will remain responsible for all remaining minimum period charges associated with the disconnected Switched Access.

8. Signaling System 7 (SS7) Out of Band Signaling

a. (Reserved for Future Use)

b. Switched Access Ordering Charges will apply for a change in FGD switched access and 800/877/888 Access signaling from multifrequency address signaling to SS7 Out of Band Signaling. (C)

c. Switched access ordering charges will not apply if CPN Parameter, CSP Parameter and/or CN Parameter are ordered at the same time as SS7 Out of Band Signaling is ordered in conjunction with FGD. The Switched and Ordering Charge will apply if these optional features are ordered subsequent to the provision of SS7 Out of Band Signaling.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

9. 800/877/888 Data Base Query Service (C)

Query usage charges for 800/877/888 Data Base Query Service shown in RATES apply as follows: (C)

a. A Basic 800/877/888 Data Base Query charge will apply for each basic 800, 877 or 888 call query received at the Utility's 800/877/888 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis. (C) (C)

b. A Premium 800/877/888 Data Base Query charge will apply for each premium 800, 877 or 888 call query received at the Utility's 800/877/888 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis. (C) (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

10. Network Blocking Charge for Tandem Switched FGB, FGC, FGD and SAC Access Service (T) (T)

The customer will be notified by the Utility to increase its Busy Hour Minutes of Capacity when excessive trunk group blocking occurs on groups carrying FG-D traffic and the measured Access Minutes for the busy hour exceed that purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on daily busiest hourly measurements over a 30-day period excluding Saturdays, Sundays and national holidays. The Utility will not bill the IC a Network Blocking Charge if additional capacity is available and the order for additional capacity is received by the Utility within 15 days of the notification. The Utility will bill the IC a Network Blocking Charge if additional capacity is unavailable for the period beginning 15 days after the notification date until the in-service date for additional capacity for each overflow in excess of the blocking threshold when (a) the average "30 day period" overflow exceeds the threshold level for any particular hour and (b) the "30 day period" measured average originating on two-way usage for the daily busiest hour exceeds the Switched Access capacity purchased. (T)

Blocking Thresholds

Trunks In Service	1%
1-2	.070
3-4	.050
5-6	.040
7-336	.030
337-504	.025
505 or more	.020

The one percent blocking threshold is for FGB, FGC and SAC Access Service transmission paths carrying traffic between a CDL and the first point of switching, or FGD transmission paths carrying traffic direct between a CDL and an end office. (N) | (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

11. Intrastate Charges for Mixed Interstate and Intrastate

When mixed interstate and intrastate Switched Access Service is provided, all charges will be prorated based on the jurisdictional distribution of access minutes. The portion of a Switched Access Service to be charged as interstate is determined in the following manner: (C)

For usage rated elements, multiply the percent interstate use times the total usage, either measured or assumed, rounded to whole access minutes times the appropriate tariff rate element.

For monthly and nonrecurring rate elements, multiply the percent interstate use times the quantity of each chargeable element times the stated tariff rate per element.

The jurisdiction of the Switched Access Cross Connect element will be determined in the same manner as the jurisdiction is determined for Special Access Services as described in Section VI. (C)

12. Calls To Information Providers
(to (900)XXX-XXXX and 976-XXXX telephone numbers)

ICs will be billed access charges for information calls transmitted over Switched Access facilities to information providers.

The provision for blocking Intrastate (900)XXX-XXXX and Intrastate 976-XXXX calls are provided in Schedule Cal. P.U.C. No. A-40.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

13. Local Directory Assistance

Calls over Switched Access in the terminating direction dialed to local directory assistance (411 and 555-1212 numbers) will be rated under the applicable rates as set forth in the RATES section. In addition, the charge per call to Directory Assistance set forth in Utility exchange tariffs may also apply.

14. 500 NXX Translation Nonrecurring Charge

The 500 NXX Translation Nonrecurring Charge, as set forth in II.K, shall apply to each 500 NXX code activated or deactivated in the Utility switch capable of performing the customer identification function for 500 SAC Access Service. The total nonrecurring charge per customer order shall be determined by multiplying the number of switches in which the Utility must activate or deactivate the NXX code within the serving area specified by the customer's order times the appropriate nonrecurring charge. Separate nonrecurring charges apply to the activation or deactivation of the first NXX code contained on the customer's ASR and to the activation or deactivation of each additional NXX code contained on the same ASR. In addition, the Switched Access Ordering Charge, as set forth in II.A will apply per ASR submitted for the activation or deactivation of NXX codes.

15. Application of Rates

a. Dedicated Trunk Port Charge (N)

The Dedicated Trunk Port charge shall apply for termination of a dedicated trunk at the access tandem or an end office. It is flat-rated and is assessed per voicegrade or DS1 channel terminating at an end office or access tandem. (N)

b. Switched Transport

The Utility will apply Tandem-Switched Transport rates to all existing tandem-routed switched access services provided via a Utility access tandem switch and Entrance Facility and Direct-Trunked Transport charges to all existing DS1 and DS3 Entrance Facility circuits and Direct-Trunked Transport circuits provided to a customer. Existing Voiceband Entrance Facility and Direct-Trunked Transport circuits will be billed at Voiceband, DS1 or DS3 level, as appropriate, based on the number of equivalent DS1 or DS3 circuits.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

13. Local Directory Assistance

Calls over Switched Access in the terminating direction dialed to local directory assistance (411 and 555-1212 numbers) will be rated under the applicable rates as set forth in the RATES section. In addition, the charge per call to Directory Assistance set forth in Utility exchange tariffs may also apply.

14. 500 NXX Translation Nonrecurring Charge

The 500 NXX Translation Nonrecurring Charge, as set forth in II.K, shall apply to each 500 NXX code activated or deactivated in the Utility switch capable of performing the customer identification function for 500 SAC Access Service. The total nonrecurring charge per customer order shall be determined by multiplying the number of switches in which the Utility must activate or deactivate the NXX code within the serving area specified by the customer's order times the appropriate nonrecurring charge. Separate nonrecurring charges apply to the activation or deactivation of the first NXX code contained on the customer's ASR and to the activation or deactivation of each additional NXX code contained on the same ASR. In addition, the Switched Access Ordering Charge, as set forth in II.A will apply per ASR submitted for the activation or deactivation of NXX codes.

15. Application of Rates

a.

b. Switched Transport

The Utility will apply Tandem-Switched Transport rates to all existing tandem-routed switched access services provided via a Utility access tandem switch and Entrance Facility and Direct-Trunked Transport charges to all existing DS1 and DS3 Entrance Facility circuits and Direct-Trunked Transport circuits provided to a customer. Existing Voiceband Entrance Facility and Direct-Trunked Transport circuits will be billed at Voiceband, DS1 or DS3 level, as appropriate, based on the number of equivalent DS1 or DS3 circuits. (x)

(x) Correction

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued (T)

15. Application of Rates - Continued (T)

b. Switched Transport - Continued

Switched Transport is determined as follows:

(1) The Tandem-Switched Transport - Facility rate is applied per access minute per airline mile for each Switched Access Feature Group type. Tandem-Switched Transport - Facility airline mileage will be determined as follows:

(D)
|
(D)

Tandem Switched Transport mileage will be measured from the access tandem to the end office or host office. (C) (C)

When the end office is acting as a host office, a separate mileage calculation determines the mileage from the host office to the remote office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges. The Tandem Switching charge does not apply to traffic between a host and remote office. (C)

The V&H coordinate method is used to determine the actual mileage as set forth in NECA, Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile.

(D)
(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 15. - Continued

b. Switched Transport - Continued

Switched Transport is determined as follows:

(1) The Tandem-Switched Transport - Facility rate is applied per access minute per airline mile for each Switched Access Feature Group type. Tandem-Switched Transport - Facility airline mileage will be determined as follows:

Where Tandem-Switched Transport is ordered between a serving wire center and end offices subtending an access tandem, mileage will be measured from the serving wire center that normally serves the CDL to the end office or WSO (for WATS and WATS-type).

Where Direct-Trunked Transport is ordered between a serving wire center and an access tandem, and Tandem-Switched Transport is ordered to subtending end offices, mileage will be measured from the access tandem to the end office or WSO (for WATS and WATS-type)*. (T)

For either of the above Tandem-Switched Transport configurations, when the end office is acting as a host office, a separate mileage calculation determines the mileage from the host office to the remote office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges. The Tandem Switching charge does not apply to traffic between a host and remote office.

The V&H coordinate method is used to determine the actual mileage as set forth in NECA, Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile.

* Due to billing constraints, the ordering of Tandem Switched Transport in conjunction with Direct-Trunked Transport is temporarily unavailable. (N)
(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued (T)

15. Application of Rates - Continued (T)

b. Switched Transport - Continued

Switched Transport rates apply to the switched access minutes of use that originate/terminate at a MTSO directly connected to a Utility access tandem or end office. Where the connection is made directly to an end office, Switched Transport rates (Tandem-Switched Transport or Direct-Trunked Transport, as ordered by the customer) shall apply between the end office and the serving wire center of the customer. Where the connection is made directly to an access tandem, Switched Transport rates (Tandem-Switched Transport or Direct-Trunked Transport, as ordered by the customer) shall apply between the access tandem and the serving wire center of the customer. For access tandem connections, Tandem-Switched Transport - Facility mileage, if applicable, will be measured from the access tandem to the customer's serving wire center. The Tandem Switching charge shall apply to all minutes of use where the MTSO connection is made directly to an access tandem. (T)

Where Tandem-Switched Transport - Facility is provided by more than one utility, the mileage for each will be determined as in FIA Services Provided by More Than One Utility.

(D)
(D)

(2) The Tandem-Switched Transport - Termination rate applies per access minute for each termination (i.e., the first point of switching and the end office serving the end user) for all Switched Access Feature Group types. When both terminations are provided by the Utility, the Tandem-Switched Transport - Termination rate applies twice, including those situations when the terminations are co-located.

(D)
(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 15. - Continued

b. Switched Transport - Continued

Switched Transport rates apply to the switched access minutes of use that originate/terminate at a MTSO directly connected to a Utility access tandem or end office. Where the connection is made directly to an end office, Switched Transport rates (Tandem-Switched Transport or Direct-Trunked Transport, as ordered by the customer) shall apply between the end office and the serving wire center of the customer. Where the connection is made directly to an access tandem, Switched Transport rates (Tandem-Switched Transport or Direct-Trunked Transport, as ordered by the customer) shall apply between the access tandem* and the serving wire center of the customer. (T)
For access tandem connections, Tandem-Switched Transport - Facility mileage, if applicable, will be measured from the access tandem to the customer's serving wire center. The Tandem Switching charge shall apply to all minutes of use where the MTSO connection is made directly to an access tandem.

Where Tandem-Switched Transport - Facility is provided by more than one utility, the mileage for each will be determined as in FIA Services Provided by More Than One Utility.

The Tandem-Switched Transport - Facility rate will not apply if the CDL serving wire center and the end office are co-located (where V/H - V/H = 0).

(2) The Tandem-Switched Transport - Termination rate applies per access minute for each termination (i.e., the first point of switching and the end office serving the end user) for all Switched Access Feature Group types. When both terminations are provided by the Utility, the Tandem-Switched Transport - Termination rate applies twice, including those situations when the terminations are co-located.

* Due to billing constraints, the ordering of Tandem Switched Transport in conjunction with Direct-Trunked Transport is temporarily unavailable. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued (T)

15. Application of Rates - Continued (T)

b. Switched Transport - Continued

(2) Continued (N)

Where the Tandem-Switched Transport - Facility is provided by more than one utility, the Tandem-Switched Transport - Termination rate applies for the termination (i.e., the first point of switching or the end office serving the end user) at the Utility end of the Switched Transport. The Tandem-Switched Transport - Termination rate will not apply when the Utility is the intermediate provider of the Tandem-Switched Transport - Facility.

(3) For FGA, the Entrance Facility charge shall apply between the CDL and the serving wire center of the CDL. If the serving wire center is not the dial tone office, Direct-Trunked Transport shall apply between the serving wire center and the dial tone office. Tandem-Switched transport (Facility and Termination) rates, excluding the Tandem Switching charge, shall apply between the dial tone office and the end office for FGA traffic that originates and/or terminates within the FGA Access Area. For FGA traffic that terminates beyond the FGA Access Area, Switched transport rates apply as described in Extended FGA Terminating Traffic.

(4) The Direct-Trunked Transport rate is applied on a monthly airline mile and termination basis, except that Direct-Trunked Voiceband Transport is applied on a monthly airline mile basis only.

To determine the Direct-Trunked Transport airline mileage, the distance will be measured from the wire center that normally serves the CDL to the access tandem, end office, WSO (for WATS and WATs-type), or the end office that serves as the host for a remote office. The V&H coordinate method is used to determine the actual mileage as set forth in NECA Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 15. - Continued

b. Switched Transport - Continued

Where the Tandem-Switched Transport - Facility is provided by more than one utility, the Tandem-Switched Transport - Termination rate applies for the termination (i.e., the first point of switching or the end office serving the end user) at the Utility end of the Switched Transport. The Tandem-Switched Transport - Termination rate will not apply when the Utility is the intermediate provider of the Tandem-Switched Transport - Facility. (N)

(3) For FGA, the Entrance Facility charge shall apply between the CDL and the serving wire center of the CDL. If the serving wire center is not the dial tone office, Direct-Trunked Transport shall apply between the serving wire center and the dial tone office. Tandem-Switched transport (Facility and Termination) rates, excluding the Tandem Switching charge, shall apply between the dial tone office and the end office for FGA traffic that originates and/or terminates within the FGA Access Area. For FGA traffic that terminates beyond the FGA Access Area, Switched transport rates apply as described in Extended FGA Terminating Traffic.

(4) The Direct-Trunked Transport rate is applied on a monthly airline mile and termination basis, except that Direct-Trunked Voiceband Transport is applied on a monthly airline mile basis only.

To determine the Direct-Trunked Transport airline mileage, the distance will be measured from the wire center that normally serves the CDL to the access tandem, end office, WSO (for WATS and WATs-type), or the end office that serves as the host for a remote office. The V&H coordinate method is used to determine the actual mileage as set forth in NECA Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 15. - Continued

b. Switched Transport - Continued

Where the Tandem-Switched Transport - Facility is provided by more than one utility, the Tandem-Switched Transport - Termination rate applies for the termination (i.e., the first point of switching or the end office serving the end user) at the Utility end of the Switched Transport. The Tandem-Switched Transport - Termination rate will not apply when the Utility is the intermediate provider of the Tandem-Switched Transport - Facility. (N)

(3) For FGA, the Entrance Facility charge shall apply between the CDL and the serving wire center of the CDL. If the serving wire center is not the dial tone office, Direct-Trunked Transport shall apply between the serving wire center and the dial tone office. Tandem-Switched transport (Facility and Termination) rates, excluding the Tandem Switching charge, shall apply between the dial tone office and the end office for FGA traffic that originates and/or terminates within the FGA Access Area. For FGA traffic that terminates beyond the FGA Access Area, Switched transport rates apply as described in Extended FGA Terminating Traffic.

(4) The Direct-Trunked Transport rate is applied on a monthly airline mile and termination basis, except that Direct-Trunked Voiceband Transport is applied on a monthly airline mile basis only.

To determine the Direct-Trunked Transport airline mileage, the distance will be measured from the wire center that normally serves the CDL to the access tandem, end office, WSO (for WATS and WATs-type), or the end office that serves as the host for a remote office. The V&H coordinate method is used to determine the actual mileage as set forth in NECA Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued (T)

15. Application of Rates - Continued (T)

b. Switched Transport - Continued

(4) Continued (N)

For traffic originating from or terminating to a remote office, the mileage will be calculated separately from the end office switch that serves as the host to the remote using the V&H coordinates method. The Direct-Trunked Transport Rate applies from the customer's serving wire center to the end office that serves as the host office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges based on mileage between the host and remote office. The Tandem Switching Charge is not applicable for Tandem-Switched Transport between the end office that serves as the host to the remote office.

When Utility Hubs are involved, mileage is computed and rate applied separately for each section of the Direct-Trunked Transport, i.e., customer serving wire center to Hub, Hub to Hub, Hub to Tandem or Hub to end office.

Where Direct-Trunked Transport includes termination rates, i.e., High Capacity DS1 and DS3 transport, one Termination rate applies for the termination of each end of the interoffice facility.

(5) The Entrance Facility rate is a flat-rated charge assessed per Voiceband, DS1 or DS3 termination at the CDL and may be either distance-sensitive or nondistance-sensitive. This charge will apply even if the CDL and the serving wire center are co-located in a Utility building.

For DS1 Entrance Facilities, a "First System" charge is assessed per Entrance Facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR to be installed at the same time between the same CDL and serving wire center, the "Additional System" charge will apply.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 15. - Continued

b. Switched Transport - Continued

For traffic originating from or terminating to a remote office, the mileage will be calculated separately from the end office switch that serves as the host to the remote using the V&H coordinates method. The Direct-Trunked Transport Rate applies from the customer's serving wire center to the end office that serves as the host office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges based on mileage between the host and remote office. The Tandem Switching Charge is not applicable for Tandem-Switched Transport between the end office that serves as the host to the remote office. (N)

When Utility Hubs are involved, mileage is computed and rate applied separately for each section of the Direct-Trunked Transport, i.e., customer serving wire center to Hub, Hub to Hub, Hub to Tandem or Hub to end office.

Where Direct-Trunked Transport includes termination rates, i.e., High Capacity DS1 and DS3 transport, one Termination rate applies for the termination of each end of the interoffice facility.

(5) The Entrance Facility rate is a flat-rated charge assessed per Voiceband, DS1 or DS3 termination at the CDL and may be either distance-sensitive or nondistance-sensitive. This charge will apply even if the CDL and the serving wire center are co-located in a Utility building.

For DS1 Entrance Facilities, a "First System" charge is assessed per Entrance Facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR to be installed at the same time between the same CDL and serving wire center, the "Additional System" charge will apply. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 15. - Continued

b. Switched Transport - Continued

For traffic originating from or terminating to a remote office, the mileage will be calculated separately from the end office switch that serves as the host to the remote using the V&H coordinates method. The Direct-Trunked Transport Rate applies from the customer's serving wire center to the end office that serves as the host office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges based on mileage between the host and remote office. The Tandem Switching Charge is not applicable for Tandem-Switched Transport between the end office that serves as the host to the remote office. (N)

When Utility Hubs are involved, mileage is computed and rate applied separately for each section of the Direct-Trunked Transport, i.e., customer serving wire center to Hub, Hub to Hub, Hub to Tandem or Hub to end office.

Where Direct-Trunked Transport includes termination rates, i.e., High Capacity DS1 and DS3 transport, one Termination rate applies for the termination of each end of the interoffice facility.

(5) The Entrance Facility rate is a flat-rated charge assessed per Voiceband, DS1 or DS3 termination at the CDL and may be either distance-sensitive or nondistance-sensitive. This charge will apply even if the CDL and the serving wire center are co-located in a Utility building.

For DS1 Entrance Facilities, a "First System" charge is assessed per Entrance Facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR to be installed at the same time between the same CDL and serving wire center, the "Additional System" charge will apply. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued (T)

15. Application of Rates - Continued (T)

b. Switched Transport - Continued (N)

(6) The Tandem Switching rate is usage-sensitive and is applied per access minute to all feature groups for Tandem-Switched Transport with two exceptions. The Tandem-Switching Rate is not applicable for Tandem-Switched Transport between a host office and a remote office, nor is it applicable for FGA.

(7) (D)
|
(D)

(8) When the Alternate Traffic Routing optional arrangement is provided in conjunction with Feature Groups B and D and the end office or access tandem switch is unable to determine the specific trunk group carrying alternate routed traffic to multiple CDLs, switched transport access minutes will be apportioned among the number of trunk groups utilized to provide this optional arrangement. Such apportionment will occur through the application of Percent Traffic Routed (PTR) values provided by the customers on the ASR. The PTR value for each trunk group, the percentage of total traffic to be attributed to each trunk group, will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying alternate route traffic. The resulting percentage, or PTR value, for each trunk group will be multiplied times the total alternate routed traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for alternate routed originating traffic as described herein.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 15. - Continued

(6) The Tandem Switching rate is usage-sensitive and is applied per access minute to all feature groups for Tandem-Switched Transport with two exceptions. The Tandem-Switching Rate is not applicable for Tandem-Switched Transport between a host office and a remote office, nor is it applicable for FGA. (N)

(7) The Interconnection rate is usage-sensitive and is applied per access minute to all feature groups that utilize the Utility's switched access network. It applies to all minutes of use whether transported via Direct-Trunked Transport, Tandem-Switched Transport or Entrance Facilities or Switched Access EIS cross connect arrangement.

(8) When the Alternate Traffic Routing optional arrangement is provided in conjunction with Feature Groups B and D and the end office or access tandem switch is unable to determine the specific trunk group carrying alternate routed traffic to multiple CDLs, switched transport access minutes will be apportioned among the number of trunk groups utilized to provide this optional arrangement. Such apportionment will occur through the application of Percent Traffic Routed (PTR) values provided by the customers on the ASR. The PTR value for each trunk group, the percentage of total traffic to be attributed to each trunk group, will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying alternate route traffic. The resulting percentage, or PTR value, for each trunk group will be multiplied times the total alternate routed traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for alternate routed originating traffic as described herein.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 15. - Continued

(6) The Tandem Switching rate is usage-sensitive and is applied per access minute to all feature groups for Tandem-Switched Transport with two exceptions. The Tandem-Switching Rate is not applicable for Tandem-Switched Transport between a host office and a remote office, nor is it applicable for FGA. (N)

(7) The Interconnection rate is usage-sensitive and is applied per access minute to all feature groups that utilize the Utility's switched access network. It applies to all minutes of use whether transported via Direct-Trunked Transport, Tandem-Switched Transport or Entrance Facilities or Switched Access EIS cross connect arrangement.

(8) When the Alternate Traffic Routing optional arrangement is provided in conjunction with Feature Groups B and D and the end office or access tandem switch is unable to determine the specific trunk group carrying alternate routed traffic to multiple CDLs, switched transport access minutes will be apportioned among the number of trunk groups utilized to provide this optional arrangement. Such apportionment will occur through the application of Percent Traffic Routed (PTR) values provided by the customers on the ASR. The PTR value for each trunk group, the percentage of total traffic to be attributed to each trunk group, will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying alternate route traffic. The resulting percentage, or PTR value, for each trunk group will be multiplied times the total alternate routed traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for alternate routed originating traffic as described herein. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued (T)

15. Application of Rates - Continued (T)

b. Switched Transport - Continued

(9) When Feature Group B or D Switched Access service is terminated from multiple CDLs through an access tandem or is terminated from multiple CDLs directly to an end office and the end office or access tandem switch is unable to determine the specific trunk group carrying such terminating traffic, switched transport access minutes will be apportioned among the number of trunk groups carrying such terminating traffic. Such apportionment will occur through the application of PTR values provided by the customer on the ASR. The PTR value for each trunk group will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying such terminating traffic. (T)

The resulting PTR value for each trunk group will be multiplied times the total terminating traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for traffic terminating from multiple CDLs as described herein.

The PTR values as described herein must be included on any ASR establishing or changing any Switched Access service arrangement requiring the use of PTRs. The notation of such PTR values on ASRs must indicate whether the PTR will be used to apportion alternate routed originating traffic to multiple CDLs or to apportion traffic terminating from multiple CDLs. The Utility may conduct verification audits, not to exceed one each year, for each customer, and for each location. Such audits may be conducted by independent auditors if the Utility and the customer, or the customer alone, is willing to pay the expense.

(N)

c. Shared Trunk Port Charge

The Shared Trunk Port provides for the termination of a Tandem-Switched Trunk at an end office. The Shared Trunk Port is usage rated and shall be assessed to all access minutes which utilize Tandem-Switched Transport. This includes minutes of use associated with FGA service when traffic is terminated in an end office that is not the dial tone office and on minutes of use provided at a remote office.

The Shared Trunk Port charge will not apply to access minutes that originate or terminate at the end office part of a Class 4/5 switch.

The Shared Trunk Port charge does not apply to switched access minutes of use that originate or terminate at MTSOs directly interconnected to a Telephone Company access tandem.

When the Tandem-Switched Transport is provided by more than one telephone company, the Shared Trunk Port charge shall be billed by the Telephone Company in whose territory the end office is located. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 15. - Continued

b. Switched Transport - Continued

(8) When Feature Group B or D Switched Access service is terminated from multiple CDLs through an access tandem or is terminated from multiple CDLs directly to an end office and the end office or access tandem switch is unable to determine the specific trunk group carrying such terminating traffic, switched transport access minutes will be apportioned among the number of trunk groups carrying such terminating traffic. Such apportionment will occur through the application of PTR values provided by the customer on the ASR. The PTR value for each trunk group will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying such terminating traffic. (N)

The resulting PTR value for each trunk group will be multiplied times the total terminating traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for traffic terminating from multiple CDLs as described herein.

The PTR values as described herein must be included on any ASR establishing or changing any Switched Access service arrangement requiring the use of PTRs. The notation of such PTR values on ASRs must indicate whether the PTR will be used to apportion alternate routed originating traffic to multiple CDLs or to apportion traffic terminating from multiple CDLs. The Utility may conduct verification audits, not to exceed one each year, for each customer, and for each location. Such audits may be conducted by independent auditors if the Utility and the customer, or the customer alone, is willing to pay the expense. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 15. - Continued

b. Switched Transport - Continued

(8) When Feature Group B or D Switched Access service is terminated from multiple CDLs through an access tandem or is terminated from multiple CDLs directly to an end office and the end office or access tandem switch is unable to determine the specific trunk group carrying such terminating traffic, switched transport access minutes will be apportioned among the number of trunk groups carrying such terminating traffic. Such apportionment will occur through the application of PTR values provided by the customer on the ASR. The PTR value for each trunk group will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying such terminating traffic. (N)

The resulting PTR value for each trunk group will be multiplied times the total terminating traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for traffic terminating from multiple CDLs as described herein.

The PTR values as described herein must be included on any ASR establishing or changing any Switched Access service arrangement requiring the use of PTRs. The notation of such PTR values on ASRs must indicate whether the PTR will be used to apportion alternate routed originating traffic to multiple CDLs or to apportion traffic terminating from multiple CDLs. The Utility may conduct verification audits, not to exceed one each year, for each customer, and for each location. Such audits may be conducted by independent auditors if the Utility and the customer, or the customer alone, is willing to pay the expense. (N)

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Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations – Continued

15. Application of Rates - Continued

d. Composite Terminating End Office Charge (N)

The Composite Terminating End Office Charge will apply to all terminating access minutes of use. (N)

e. Transitional Intrastate Access Charge (T)

A Transitional Per-Minute Charge will apply from July 1, 2012 through June 30, 2013 to all Transitional Intrastate Access Service end-office switching minutes, as defined in 47 C.F.R. 51.903(j). The charge will be calculated as set forth in 47 C.F.R. §51.907(b)(2)(v). The charge will be eliminated July 1, 2013.

16. Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Utility at the 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. For terminating calls over FG-A and FG-B, FG-C (to 800 and Directory Assistance Services) and FG-D, the measured access minutes are the chargeable access minutes. For originating calls over FG-A and FG-B, the chargeable access minutes are the measured access minutes.

For originating calls over FG-C, chargeable access minutes are derived from measured access minutes through the use of a Utility factor, as set forth in (3) following.

FG-A access minutes or fractions thereof, the exact value of the fraction being a function of the switched 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. FG-B, C, and D access minutes or fractions thereof, the exact value of the fraction being a function of the switched technology where the measurement is made, are accumulated over the billing period for each office, and are then rounded up to the nearest access minute for each end office.

Assumed minutes are used for FG-A FX/ONAL-type services which terminate in end offices not equipped with measurement capabilities.

The assumed access minutes used for service terminating in end offices where measurement capability is not available are as set forth in the NECA tariff FCC No. 1, paragraph 3.7(C).

(1) Feature Group A Usage Measurement

For originating calls over FG-A, usage measurement begins when the FG-A first point of switching receives an off-hook supervisory signal forwarded.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations – Continued

15. Application of Rates - Continued (N)

f. Transitional Intrastate Access Charge

A Transitional Per-Minute Charge will apply from July 1, 2012 through June 30, 2013 to all Transitional Intrastate Access Service end-office switching minutes, as defined in 47 C.F.R. 51.903(j). The charge will be calculated as set forth in 47 C.F.R. §51.907(b)(2)(v). The charge will be eliminated July 1, 2013. (N)

16. Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Utility at the 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. For terminating calls over FG-A and FG-B, FG-C (to 800 and Directory Assistance Services) and FG-D, the measured access minutes are the chargeable access minutes. For originating calls over FG-A and FG-B, the chargeable access minutes are the measured access minutes.

For originating calls over FG-C, chargeable access minutes are derived from measured access minutes through the use of a Utility factor, as set forth in (3) following.

FG-A access minutes or fractions thereof, the exact value of the fraction being a function of the switched 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. FG-B, C, and D access minutes or fractions thereof, the exact value of the fraction being a function of the switched technology where the measurement is made, are accumulated over the billing period for each office, and are then rounded up to the nearest access minute for each end office.

Assumed minutes are used for FG-A FX/ONAL-type services which terminate in end offices not equipped with measurement capabilities.

The assumed access minutes used for service terminating in end offices where measurement capability is not available are as set forth in the NECA tariff FCC No. 1, paragraph 3.7(C).

(1) Feature Group A Usage Measurement

For originating calls over FG-A, usage measurement begins when the FG-A first point of switching receives an off-hook supervisory signal forwarded

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Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued (T)

E. Rate and Charge Regulations - Continued (T)

16. Measuring Access Minutes (N)

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Utility at the 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. For terminating calls over FG-A and FG-B, FG-C (to 800 and Directory Assistance Services) and FG-D, the measured access minutes are the chargeable access minutes. For originating calls over FG-A and FG-B, the chargeable access minutes are the measured access minutes.

For originating calls over FG-C, chargeable access minutes are derived from measured access minutes through the use of a Utility factor, as set forth in (3) following.

FG-A access minutes or fractions thereof, the exact value of the fraction being a function of the switched 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. FG-B, C, and D access minutes or fractions thereof, the exact value of the fraction being a function of the switched technology where the measurement is made, are accumulated over the billing period for each office, and are then rounded up to the nearest access minute for each end office.

Assumed minutes are used for FG-A FX/ONAL-type services which terminate in end offices not equipped with measurement capabilities.

The assumed access minutes used for service terminating in end offices where measurement capability is not available are as set forth in the NECA tariff FCC No. 1, paragraph 3.7(C).

(1) Feature Group A Usage Measurement

For originating calls over FG-A, usage measurement begins when the FG-A first point of switching receives an off-hook supervisory signal forwarded (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued (T)

E. Rate and Charge Regulations - Continued (T)

16. Measuring Access Minutes (N)

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Utility at the 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. for terminating calls over FG-A and FG-B, FG-C (to 800 and Directory Assistance Services) and FG-D, the measured access minutes are the chargeable access minutes. for originating calls over FG-A and FG-B, the chargeable access minutes are the measured access minutes.

For originating calls over FG-C, chargeable access minutes are derived from measured access minutes through the use of a Utility factor, as set forth in (3) following.

FG-A access minutes or fractions thereof, the exact value of the fraction being a function of the switched 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. FG-B, C, and D access minutes or fractions thereof, the exact value of the fraction being a function of the switched technology where the measurement is made, are accumulated over the billing period for each office, and are then rounded up to the nearest access minute for each end office.

Assumed minutes are used for FG-A FX/ONAL-type services which terminate in end offices not equipped with measurement capabilities.

The assumed access minutes used for service terminating in end offices where measurement capability is not available are as set forth in the NECA tariff FCC No. 1, paragraph 3.7(C).

(1) Feature Group A Usage Measurement

For originating calls over FG-A, usage measurement begins when the FG-A first point of switching receives an off-hook supervisory signal forwarded (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued (T)

E. 16. (1) - Continued

from the IC's point of presence. (Where FG-A is used for LDMTS/WATS-type services, this off-hook signal is generally provided by the IC's equipment. Where FG-A is used for FX/ONAL-type services, the off-hook signal is generally forwarded by the IC's equipment when the called party answers.) (N)

The measurement of originating call usage over FG-A ends when the FG-A first point of switching receives an on-hook supervisory signal from either the end office switch, indicating the originating end user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching.

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

(2) Feature Group B Usage Measurement

For originating calls over FG-B, usage measurement begins when the FG-B first point of switching receives answer supervision forwarded from the IC's point of presence, indicating the IC's equipment has answered.

The measurement of originating call usage over FG-B ends when the FG-B first point of switching receives disconnect supervision from either the originating end office switch, indicating the originating end user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued (T)

E. 16. (1) - Continued

from the IC's point of presence. (Where FG-A is used for LDMTS/WATS-type services, this off-hook signal is generally provided by the IC's equipment. Where FG-A is used for FX/ONAL-type services, the off-hook signal is generally forwarded by the IC's equipment when the called party answers.) (N)

The measurement of originating call usage over FG-A ends when the FG-A first point of switching receives an on-hook supervisory signal from either the end office switch, indicating the originating end user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching.

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

(2) Feature Group B Usage Measurement

For originating calls over FG-B, usage measurement begins when the FG-B first point of switching receives answer supervision forwarded from the IC's point of presence, indicating the IC's equipment has answered.

The measurement of originating call usage over FG-B ends when the FG-B first point of switching receives disconnect supervision from either the originating end office switch, indicating the originating end user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued (T)

E. 16. (2) - Continued

For terminating calls over FG-B, usage measurement begins when the FG-B first point of switching receives answer supervision from the end office switch, Indicating the terminating end user has answered. (N)

The measurement of terminating call usage over FG-B ends when the FG-B first point of switching receives disconnect supervision from either the end office switch, Indicating the terminating end user has disconnected, or at the IC's point of presence, whichever Is recognized first by the first point of switching.

(3) Feature Group C Usage Measurement

For originating calls over FG-C, usage measurement begins when the originating FG-C first point of switching receives answer supervision from the IC's point of presence, indicating the called party has answered. However, for billing purposes, usage begins at the time that the originating end user's call is delivered by the Utility, and acknowledged as received by the customer's facilities connected with the originating exchange.

For originating calls over FG-C, measured access minutes are converted into chargeable access minutes using the following equation and factor:

Access Minutes = Originating conversation minutes + (factor x quantity of completed messages).

Factor = Non-conversation minutes per completed call + [(non-conversation minutes per incompleted call) x (1-completion ratio divided by completion ratio)].

The measurement of originating call usage over FG-C ends when the FG-C first point of switching receives disconnect supervision from either the end user's office switch, Indicating the originating end user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued (T)

E. 16. (2) - Continued

For terminating calls over FG-B, usage measurement begins when the FG-B first point of switching receives answer supervision from the end office switch, indicating the terminating end user has answered. (N)

The measurement of terminating call usage over FG-B ends when the FG-B first point of switching receives disconnect supervision from either the end office switch, indicating the terminating end user has disconnected, or at the IC's point of presence, whichever is recognized first by the first point of switching.

(3) Feature Group C Usage Measurement

For originating calls over FG-C, usage measurement begins when the originating FG-C first point of switching receives answer supervision from the IC's point of presence, indicating the called party has answered. However, for billing purposes, usage begins at the time that the originating end user's call is delivered by the Utility, and acknowledged as received by the customer's facilities connected with the originating exchange.

For originating calls over FG-C, measured access minutes are converted into chargeable access minutes using the following equation and factor:

Access Minutes = Originating conversation minutes + (factor x quantity of completed messages).

Factor = Non-conversation minutes per completed call + [(non-conversation minutes per incompleted call) x (1-completion ration divided by completion ration)].

The measurement of originating call usage over FG-C ends when the FG-C first point of switching receives disconnect supervision from either the end user's office switch, indicating the originating end user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 16. (3) - Continued

For terminating calls over FGC to services other than 800 six digit, 900 or Directory Assistance, terminating FGC usage is not directly measured at the first point of switching, but is imputed from originating usage, excluding usage from calls to six digit 800, 900 or Directory Assistance Services.

Terminating call usage over FGC, other than six digit 800, 900 or Directory Assistance, are imputed from originating usage as follow:

Access Minutes = Originating conversation minutes x In/Out Ratio.

In/Out Ratio = Relationship between Originating (Out) and Terminating (In) conversation minutes.

For terminating calls over FGC to six digit 800 Access or Directory Assistance Service, usage measurement begins the first point of switching receives answer supervision from the end office switch, indicating the terminating six digit 800 Service end user has answered, or from the Directory Assistance Service location, indicating the Directory Assistance operator has answered.

The measurement of terminating call usage over FGC to six digit 800 Service or Directory Assistance Services ends when the FGC first point of switching receives an on-hook supervisory signal from the end office switch, indicating the terminating six digit 800 Service has disconnected, or from the Directory Assistance location, indicating the Directory Assistance operator has disconnected, or from the customer's point of presence, whichever occurs first.

(4) Feature Group D Usage Measurement

For originating calls over FGD with multifrequency (MF) signaling, usage measurement begins when the FGD first point of switching receives the first wink supervisory signal forwarded from the IC's point of presence. (T) (T)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 16 (3) - Continued

For terminating calls over FGC to services other than 800 six digit, 900 or Directory Assistance, terminating FGC usage is not directly measured at the first point of switching, but is imputed from originating usage, excluding usage from calls to six digit 800, 900 or Directory Assistance Services.

Terminating call usage over FGC, other than six digit 800, 900 or Directory Assistance, are imputed from originating usage as follow:

Access Minutes = Originating conversation minutes x In/Out Ratio.

In/Out Ratio = Relationship between Originating (Out) and Terminating (In) conversation minutes.

For terminating calls over FGC to six digit 800 Access or Directory Assistance Service, usage measurement begins the first point of switching receives answer supervision from the end office switch, indicating the terminating six digit 800 Service end user has answered, or from the Directory Assistance Service location, indicating the Directory Assistance operator has answered.

The measurement of terminating call usage over FGC to six digit 800 Service or Directory Assistance Services ends when the FGC first point of switching receives an on-hook supervisory signal from the end office switch, indicating the terminating six digit 800 Service has disconnected, or from the Directory Assistance location, indicating the Directory Assistance operator has disconnected, or from the customer's point of presence, whichever occurs first.

(4) Feature Group D Usage Measurement

For originating calls over FGD with multifrequency (MF) signaling, usage measurement begins when the FGD first point of switching receives the first wink supervisory signal forwarded from the IC's point of presence. (T) (T)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. 16 (4) - Continued

For originating calls over FGD with SS7 Out of Band Signaling, usage measurement for direct trunks begins when the FGD first point of switching sends an Initial Address Message. Usage measurement for tandem trunks begins when the FGD first point of switching receives an Exit Message. (N)

The measurement of originating call usage over FGD with MF signaling ends when the FGD first point of switching receives disconnect supervision from either the end office switch, indicating the originating end user has disconnected, or the ICs point of presence, whichever is recognized first by the first point of switching. (T) (T)

The measurement of originating call usage over FGD with SS7 Out of Band Signaling ends when a Release Message is sent or received by the origiiniting end user's end office, whichever occurs first. (N)

For terminating calls over FGD with MF signaling, usage measurement begins when the FGD first point of switching receives answer supervision from the end office switch, indicating the terminating end user has answered. (T) (T)

For terminating calls over FGD with SS7 Out of Band Signaling, usage measurement begins when the terminating FGD first point of switching receives an Initial Address Message provided that an Answer Message is received by the first point of switching. (N)

The measurement of terminating call usage over FGD ends when the FGD first point of switching receives disconnect supervision from either the end office switch, indicating the terminating user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching. (T)

The measurement of terminating call usage over FGD with SS7 Out of Band Signaling ends when the FGD first point of switching receives or sends a Release Message, whichever occurs first. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

17. Extended FGA Terminating Traffic

a. For calls established on a 1+ or expanded seven digit measured calling basis, outside the specific FGA Access Area, however, inside the LATA, in conjunction with terminating FGA traffic to an end office equipped with Equal Access capabilities, the following rates apply: (C)

- For each access minute, the rates per access minutes for End Office Switching, the Information Surcharge, and the Interconnection Charge apply.

- For each access minute, the Tandem-Switched Transport Facility rate per access minute per airline mile and the Tandem-Switched Transport - Termination apply. (C)

When the serving wire center of the CDL is the dial tone office, the Tandem-Switched Transport - Facility rate is applicable and mileage is measured from the serving wire center (i.e., the dial tone office) of the CDL to the end office. (N)

When the serving wire center of the CDL is not the dial tone office, the Direct-Trunked Transport rate is applicable for mileage measured between the serving wire center of the CDL and the dial tone office. The Tandem-Switched Transport - Facility rate is applicable for mileage measured between the dial tone office and the end office. The Tandem Switching rate is not applicable for Extended FGA terminating traffic. (N)

Material omitted now shown on Original Sheet 154.1

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

17. Extended FGA Terminating Traffic - Continued

b. When FGA terminating traffic is extended outside the LATA, as set forth under Description of End Office Services preceding, Switched Access rate elements will be billed to the FGA customer for the terminating interLATA access function provided via the FGA connection, and Switched Access rate elements, will be billed to the IC providing the interLATA service to the FGA customer for the originating interLATA access function. (L) (T) (T)

18. Trunk Groups in Shared Access Machines

In shared-use machines where immediate service relief is required on access trunk groups which carry combined Utility and IC traffic (Intermarket Area and FGC), the Utility will proceed with corrective action as rapidly as possible. Once data becomes available and the Utility has determined that the service conditions was due in whole or in part to the growth of the IC traffic, the IC will be notified by the Utility to increase its BHMCs. If the order for additional capacity has not been received by the Utility within 15 days of the notification, the Utility will increase the IC's BHMCs and bill the IC at applicable rates as set forth in the RATES section. * (L)

* For rating purposes, BHMCs will be converted to a line/trunk equivalency.

(L) Material previously shown on 7th Revised Sheet 154

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

19. FGD Switched Access Service With 950-XXXX (L)

When a customer orders FGD Switched Access Service with 950-XXXX Access, as described in II.B.5(q), to be included with the installation of new FGD switched access facilities, appropriate Switched Access Installation Charges and Switched Access Ordering Charges will apply for the installation of the new FGD switched access facilities.

When a customer orders FGD Switched Access Service with 950-XXXX Access to be added to an existing FGD switched access service, only the Switched Access Ordering charge and the Design Change Charge will apply for the addition of this optional end office service arrangement. (L)

20. Switched Access Cross Connect (N)

The Switched Access Cross Connect charge provides the communications path between Utility provided Switched Access Services and a customer's transmission equipment and facilities where the customer is provided EIS as defined in Section XVII. The DS0 cross connect arrangement may connect directly to a Utility provided Switched Access Videoband Direct Trunked Transport. The DS1 Cross Connect arrangement may connect directly to Utility provided Switched Access Services at a DS1 interface, to DS1 Direct Trunked Transport, or to a Utility provided DS1 multiplexing arrangement. The DS3 Cross Connect arrangement may connect directly to DS3 Direct Trunked Transport or a Utility provided DS3 to DS1 multiplexing arrangement. When a DS3 Direct Trunked Transport or Cross Connect arrangement is requested for connection to Switched Access Services, a DS3/DS1 multiplexing arrangement is required. The Cross Connect charge applies per DS1 or DS3 connection. Rates for DS1 and DS3 Cross Connect arrangements are listed in II.RATES.G. (N)

(L) Material previously shown on Original Sheet 154.1

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

21. Switched Access Zone Density Rate Plan

A. Description of the Plan

(1) The Zone Density Rate Plan is a methodology used for rating Switched Access Transport services. The Zone Density Plan assigns every Serving Wire Center (SWC) or Utility access tandem to one of three zones. The Serving Wire Center, CLLI Codes and zones are listed. Rate zone assignments are established based upon the traffic density of each wire center and are divided into three categories. Zone 1 SWCs have the highest density of services, Zone 2 SWCs have intermediate density of services and Zone 3 SWCs have the lowest density of services.

The Zone Density Rate Plan applies to the following Switched Access Services:

- Entrance Facility
- Direct-Trunked Transport Facility
- Direct-Trunked Transport Termination
- Tandem-Switched Transport Facility
- Tandem-Switched Transport Termination
- Tandem Switching
- DS1 to Voice Multiplexing Arrangement
- DS3 to DS1 Multiplexing Arrangement

(D)

(a) The Entrance Facility is rated according to the zone of the serving wire center of the CDL.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

21. Switched Access Zone Density Rate Plan (N)

A. Description of the Plan

(1) The Zone Density Rate Plan is a methodology used for rating Switched Access Transport services. The Zone Density Plan assigns every Serving Wire Center (SWC) or Utility access tandem to one of three zones. The Serving Wire Center, CLLI Codes and zones are listed. Rate zone assignments are established based upon the traffic density of each wire center and are divided into three categories. Zone 1 SWCs have the highest density of services, Zone 2 SWCs have intermediate density of services and Zone 3 SWCs have the lowest density of services.

The Zone Density Rate Plan applies to the following Switched Access Services:

- Entrance Facility
- Direct-Trunked Transport Facility
- Direct-Trunked Transport Termination
- Tandem-Switched Transport Facility
- Tandem-Switched Transport Termination
- Tandem Switching
- DS1 to Voice Multiplexing Arrangement
- DS3 to DS1 Multiplexing Arrangement
- Network Interconnection Rate

(a) The Entrance Facility is rated according to the zone of the serving wire center of the CDL.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

21. Switched Access Zone Density Rate Plan - Continued (N)

A. Description of the Plan - Continued

(1) (b) Distance Sensitive Transport

- When the distance is measured between wire centers within the same rate zone, the distance sensitive transport will be rated according to the zone of the serving wire center of the CDL and the end office.

- When the distance is measured between wire centers in two different zones, the distance sensitive transport will be rated at the higher zone rate.

(c) Transport Terminations will be rated according to the zone of the end office and the zone of the SWC of the CDL (or other rating point, e.g., Hub Wire Center). Each termination is separately rated based on the zone of the terminating location.

(d) Tandem Switching will be rated according to the zone of the Utility access tandem office.

(e) Multiplexing arrangements will be rated according to the zone of the Hub wire center.

(2) The Zone Density Rate Plan is not applicable to End Office Switching, Information Surcharge, and nonrecurring charges. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

22. Basic Service Elements (BSEs) (N)

Recurring rates and charges for Basic Service Elements (BSEs) are applied. The Switched Access Ordering Charge will not apply when a customer orders BSEs in conjunction with the establishment of a Basic Serving Arrangement (BSA) or the conversion of a feature group to a BSA. The Switched Access Ordering Charge will apply to changes to or additions of BSEs associated with an established BSA. The application of monthly recurring charges or usage rates to BSEs are as follows.

A) Alternate Traffic Routing - BSE

Nonrecurring Charges apply per trunk group equipped.

B) Automatic Number Identification (ANI) - BSE

Usage rates apply per ANI attempt.

C) User Transfer

Monthly recurring charges apply per line or trunk arranged.

D) Hunt Group Arrangement - BSE

Monthly recurring charges apply per line equipped.

E) Queuing - BSE

Monthly recurring charges apply per group equipped.

F) Uniform Call Distribution - BSE

Monthly recurring charges apply per line equipped. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Rate and Charge Regulations - Continued

22. Basic Service Elements (BSEs) - Continued (N)

G) Simplified Message Desk Interface (SMDI) - BSE

Monthly recurring charges apply per DNAL.

H) Remote Call Forwarding - BSE

Monthly recurring charges apply per line.

I) Direct Inward Dialing (DID) - BSE

Monthly recurring charges apply.

J) Billed Number Screening (BNS) - BSE

Monthly recurring charges apply per line screened. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

F. Switched Access for Resale of Other IC Services x (L)

As ordered in CPUC Decision 87-08-048, all resellers are subject to access charges for FGA, FGB and FGD terminating access, and FGB and FGD originating access.

For FGA originating access, the access charges will apply with the following exceptions. Certain small resellers will have two phases before all access charges would apply.

Resellers which are eligible for the 18 month transitional plan are those resellers who have FGA and, on an average, terminate less than 200,000 minutes per month of intrastate traffic over all their Feature Groups. This average is determined by using the bills during the time frame of January through May of 1986.

Customers entering the market anytime during the 18 month transitional period who meet the aforementioned criteria, will be subject to the rates that are in effect in accordance with the plan for the remainder of the Phase. x (L)

Phase I: December 1, 1987 through August 31, 1988

For a period of 9 months, qualifying customers will be charged all traffic sensitive rates. Carrier Common Line Charges (CCLC) will be waived for Originating FGA.

Phase II: September 1, 1988 through May 31, 1989

For the subsequent 9 month period, qualifying customers will be charged all traffic sensitive rates plus 50% of the CCLC for the Originating FGA traffic.

As of June 1, 1989 all FGA access rates will be applicable.

x Material inadvertently omitted in Advice 5107, effective 2/25/88
(L) Material formerly shown on 5th Revised Sheet 154.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued (D)

F.

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

F. (D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

G. (D)

(D)

H. Application of Rates for FG-A Extension Service

FG-A is available with extensions (i.e., additional terminations of the service at different building(s) in the same or a different Market Area). FG-A extensions within the Market Areas are provided and charged for under the Utility's Exchange Service tariffs. Extensions in different Market Areas are provided and charged for as Special Access. The rate elements which apply are: Special Transport (from the extension bridging point to the IC serving wire center), and Special Access Lines. The appropriate monthly rates and nonrecurring charges are set forth in the Special Access section.

I. Switched Access Facilities for Interconnection with Software Defined Network Service Provided by an IC

As set forth in CPUC Decision 86-05-073 dated May 28, 1986, switched access facilities may be used for interconnection with software defined network service provided by an IC. In this case, the IC must advise the Utility of the Intended use of the switched access In order that the Utility may permit the delivery of incidental intraLATA traffic to the IC's location.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

I.1. - Continued (T)

The IC must perform a jurisdictional analysis of the usage of SDN access lines, and must submit reports to the Utility on a monthly basis. These reports will be the basis from which the intrastate switched access charges will be determined. The Utility may audit the reported PIU and underlying records under the same conditions and rules set forth in CPUC Decision 85-06-115, dated June 12, 1985. (C)

The intrastate usage will be rated at the premium rates as set forth in this section under RATES. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

RATES [1]

A. Switched Access Installation and Ordering Charges

		NRC
1.	Switched Access Ordering Charge, Per ASR	$ 100.00 (SESSE)
2.	Design Change Charge, Per ASR/Per Occurrence	39.79

B. Switched Transport

		Originating Per Access Minute	Terminating Per Access Minute
1.	Tandem-Switched Transport - Facility	Per Airline Mile	
	Zone 1	0.000002	0.000002
	Zone 2	0.000002	0.000002
	Zone 3	0.000002	0.000002
2.	Tandem-Switched Transport - Termination	Per Access Minute	
	Zone 1	0.000000	0.000000
	Zone 2	0.000000	0.000000
	Zone 3	0.000000	0.000000
3.	Tandem Switching Rate	Per Access Minute	
	Zone 1	0.00036210	0.001574 (I)
	Zone 2	0.00036210	0.001574 |
	Zone 3	0.00036210	0.001574 (I)

		Monthly Charge
4.	Tandem Dedicated Trunk Port VG	For rates see FCC 14, Section 4
5.	Tandem Dedicated Trunk Port DS1	For rates See FCC 14, Section 4

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

RATES [1]

A. Switched Access Installation and Ordering Charges

		NRC
1.	Switched Access Ordering Charge, Per ASR	$ 100.00 (R) (SESSE)
2.	Design Change Charge, Per ASR/Per Occurrence	39.79

B. Switched Transport

		Originating Per Access Minute	Terminating Per Access Minute	
1.	Tandem-Switched Transport - Facility	Per Airline Mile		
	Zone 1	0.000002 (R)	0.000002 (R)	
	Zone 2	0.000002 I	0.000002 I	
	Zone 3	0.000002 (R)	0.000002 (R)	
2.	Tandem-Switched Transport - Termination	Per Access Minute		
	Zone 1	0.000000 (R)	0.000000 (R)	
	Zone 2	0.000000 I	0.000000 I	
	Zone 3	0.000000 (R)	0.000000 (R)	
3.	Tandem Switching Rate	Per Access Minute		
	Zone 1	0.00036210 (N)	0.00036210	
	Zone 2	0.00036210 |	0.00036210	
	Zone 3	0.00036210 (N)	0.00036210	

		Monthly Charge	
4.	Tandem Dedicated Trunk Port VG	For rates see FCC 14, Section 4	(N) |
5.	Tandem Dedicated Trunk Port DS1	For rates See FCC 14, Section 4	| (N)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

RATES[1]

A. Switched Access Installation and Ordering Charges

		NRC
1.	Switched Access Ordering Charge, Per ASR	$ 228.94 (SESSE)
2.	Design Change Charge, Per ASR/Per Occurrence	39.79

B. Switched Transport

		Per Access Minute Per Airline Mile
1.	Tandem-Switched Transport - Facility	
	Zone 1	0.00001550
	Zone 2	0.00002950
	Zone 3	0.00003140

		Per Access Minute Per Termination
2.	Tandem-Switched Transport - Termination	
	Zone 1	0.00020470
	Zone 2	0.00020470
	Zone 3	0.00020470

		Per Access Minute
3.	Tandem Switching Rate	
	Zone 1	0.00036210
	Zone 2	0.00036210
	Zone 3	0.00036210

(D)
|
(D)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

RATES[1]

A. Switched Access Installation and Ordering Charges

	NRC
1. Switched Access Ordering Charge, Per ASR	$ 228.94 (SESSE)
2. Design Change Charge, Per ASR/Per Occurrence	39.79

B. Switched Transport

	Per Access Minute Per Airline Mile
1. Tandem-Switched Transport - Facility	
Zone 1	0.00001550
Zone 2	0.00002950
Zone 3	0.00003140

	Per Access Minute Per Termination
2. Tandem-Switched Transport - Termination	
Zone 1	0.00020470
Zone 2	0.00020470
Zone 3	0.00020470

	Per Access Minute
3. Tandem Switching Rate	
Zone 1	0.00036210
Zone 2	0.00036210
Zone 3	0.00036210
4. Network Interconnection Rate	
Zone 1	0.00588000
Zone 2	0.00588000
Zone 3	0.00588000

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates [1]

B. Switched Transport - Continued

6. Direct-Trunked Transport-Facility-Voiceband	Per Airline Mile, Per Month
Zone 1	$3.57 (1YTXS, 1YLXS)
Zone 2	$3.57 (1YTXS, 1YLXS)
Zone 3	$3.57 (1YTXS, 1YLXS)
Price Bands A, B, and C	$3.57 (1YTXS, 1YLXS)
7. Direct-Trunked Transport-Facility-DS1	
Zone 1	$ 7.58 (I) (1YTXS, 1YLXS)
Zone 2	7.65 (1YTXS, 1YLXS)
Zone 3	9.25 (1YTXS, 1YLXS)
Price Band A	$8.34 (I) (1YTXS, 1YLXS)
Price Band B	8.42 (1YTXS, 1YLXS)
Price Band C	10.18 (1YTXS, 1YLXS)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates [1]

B. Switched Transport - Continued

	Per Airline Mile, Per Month	
6. Direct-Trunked Transport-Facility-Voiceband		(T)
Zone 1	$3.57 (R) (1YTXS, 1YLXS)	
Zone 2	$3.57 (R) (1YTXS, 1YLXS)	
Zone 3	$3.57 (R) (1YTXS, 1YLXS)	
Price Bands A, B, and C	$3.57 (1YTXS, 1YLXS)	(N) (N)
7. Direct-Trunked Transport-Facility-DS1		(T)
Zone 1	$ 5.00 (1YTXS, 1YLXS)	
Zone 2	7.65 (R) (1YTXS, 1YLXS)	
Zone 3	9.25 (R) (1YTXS, 1YLXS)	
Price Band A	$5.00 (1YTXS, 1YLXS)	(N)
Price Band B	8.42 (1YTXS, 1YLXS)	
Price Band C	10.18 (1YTXS, 1YLXS)	
		(N)
		(L)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

(L) Material relocated to Sheet 159.1.1 (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates[1] (T)

B. Switched Transport - Continued

5. Direct-Trunked Transport-Facility-Voiceband — Per Airline Mile, Per Month

Zone 1	$3.71 (1YTXS)
Zone 2	$3.71 (1YTXS)
Zone 3	$3.71 (1YTXS)

6. Direct-Trunked Transport-Facility-DS1

Zone 1	$ 5.00 (1YTXS)
Zone 2	10.00 (1YTXS)
Zone 3	12.89 (1YTXS)

Direct-Trunked Transport-Termination-DS1 — Monthly Rate

Zone 1	$30.00 (TRL)
Zone 2	30.00 (TRL)
Zone 3	30.00 (TRL)

7. Direct-Trunked Transport-Facility-DS3 — Per Airline Mile, Per Month

Zone 1	$32.36 (1YTXS)
Zone 2	32.37 (1YTXS)
Zone 3	32.38 (1YTXS)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates [1]

B. Switched Transport - Continued

7. Continued

Direct-Trunked Transport-Termination-DS1	Monthly Rate
Zone 1	$23.00 (TRL, TRLAX)
Zone 2	23.15 (TRL, TRLAX)
Zone 3	28.00 (TRL, TRLAX)
Price Band A	$25.30 (TRL, TRLAX)
Price Band B	25.47 (TRL, TRLAX)
Price Band C	30.80 (I) (TRL, TRLAX)

8. Direct-Trunked Transport-Facility-DS3	Per Airline Mile, Per Month
Zone 1	$12.75 (1YTXS, 1YLXS)
Zone 2	15.88 (1YTXS, 1YLXS)
Zone 3	18.76 (1YTXS, 1YLXS)
Price Band A	$14.03 (1YTXS, 1YLXS)
Price Band B	17.47 (1YTXS, 1YLXS)
Price Band C	20.64 (1YTXS, 1YLXS)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access (N)

Rates [1]

B. Switched Transport - Continued

7. Continued (N)

Direct-Trunked Transport-Termination-DS1	Monthly Rate	
Zone 1	$23.00 (R) (TRL, TRLAX)	(L)
Zone 2	23.15 (R) (TRL, TRLAX)	
Zone 3	28.00 (R) (TRL, TRLAX)	
Price Band A	$25.30 (TRL, TRLAX)	(N)
Price Band B	25.47 (TRL, TRLAX)	
Price Band C	30.00 (TRL, TRLAX)	(N)

8. Direct-Trunked Transport-Facility-DS3	Per Airline Mile, Per Month	(L) (T)
Zone 1	$12.75 (R) (1YTXS, 1YLXS)	
Zone 2	15.88 (R) (1YTXS, 1YLXS)	
Zone 3	18.76 (R) (1YTXS, 1YLXS)	(L)
Price Band A	$14.03 (1YTXS, 1YLXS)	(N)
Price Band B	17.47 (1YTXS, 1YLXS)	
Price Band C	20.64 (1YTXS, 1YLXS)	(N)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1. (N) (N)

(L) Material relocated from Sheet 159.1 (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates [1]

B. Switched Transport - Continued

8. Continued

Direct-Trunked Transport-Termination-DS3	Monthly Rate
Zone 1	$127.81 (TRL, TRLAX)
Zone 2	161.00 (TRL, TRLAX)
Zone 3	186.00 (TRL, TRLAX)
Price Band A	$140.59 (TRL, TRLAX)
Price Band B	177.10 (TRL, TRLAX)
Price Band C	204.60 (TRL, TRLAX)

9. Entrance Facility 2-Wire & 4-Wire Voiceband — Per Entrance Fac.

Service Installation Charge — $200.00 (I) (EFG2X)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates [1]

B. Switched Transport - Continued

8. Continued (N)

Direct-Trunked Transport-Termination-DS3	Monthly Rate	
Zone 1	$127.81 (R) (TRL, TRLAX)	
Zone 2	161.00 (R) (TRL, TRLAX)	
Zone 3	186.00 (R) (TRL, TRLAX)	
Price Band A	$140.59 (TRL, TRLAX)	(N)
Price Band B	177.10 (TRL, TRLAX)	|
Price Band C	204.60 (TRL, TRLAX)	| (N)
9. Entrance Facility 2-Wire & 4-Wire Voiceband	Per Entrance Fac.	(T)
Service Installation Charge	$101.93 (EFG2X)	

(L)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

(N)

(L) Material relocated to Sheet 159.2.1

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates[1] (T)

B. Switched Transport - Continued

Direct-Trunked Transport-Termination-DS3	Monthly Rate
Zone 1	$221.13 (TRL)
Zone 2	221.14 (TRL)
Zone 3	221.15 (TRL)

8. Entrance Facility-2-Wire & 4-Wire Voiceband

	Per Entrance Fac.
Service Installation Charge	$101.93 (EFG2X)

Entrance Facility-2-Wire Voiceband	Monthly Rate
Zone 1	$30.00 (EFG2X)
Zone 2	30.00 (EFG2X)
Zone 3	30.00 (EFG2X)

Entrance Facility-4-Wire Voiceband	
Zone 1	$48.00 (EFG4X)
Zone 2	48.00 (EFG4X)
Zone 3	48.00 (EFG4X)

9. Entrance Facility – DS1

	Service Installation
First System	$733.91 (EFGDX)
Each Additional System	$106.01 (EFGLX)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access (N)

Rates [1]

B. Switched Transport - Continued

9. Continued (N)

	Monthly Rate	
Entrance Facility-2-Wire Voiceband		(L)
Zone 1	$28.78 (R) (EFG2X)	
Zone 2	28.78 (R) (EFG2X)	
Zone 3	28.78 (R) (EFG2X)	(L)
Price Bands A, B, and C	28.78 (EFG2X)	(N) (N)
Entrance Facility-4-Wire Voiceband		(L)
Zone 1	$46.06 (R) (EFG4X)	
Zone 2	46.06 (R) (EFG4X)	
Zone 3	46.06 (R) (EFG4X)	(L)
Price Bands A, B, and C	46.06 (EFG4X)	(N) (N)

10. Entrance Facility – DS1 (L) (T)

Service Installation	$450.00 (EFGDX, EFGLX)	(C)

(L) (C)

(L) Material relocated from Sheet 159.2 (N)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates [1]

B. Switched Transport - Continued

10. Entrance Facility - DS1 – Continued	Monthly Rate	
Zone 1	$200.00 (EFGDX, EFGLX)	
Zone 2	200.00 (EFGDX, EFGLX)	
Zone 3	225.00 (EFGDX, EFGLX)	
Price Bands A, B and C	225.00 (EFGDX, EFGLX)	

11. Entrance Facility - DS3	Service Installation	
Electrical Interface		(C)
Zone 1	(EFGPF) $1,000.00	(I)
Zone 2	(EFGPF) 1,000.00	
Zone 3	(EFGPF) 1,000.00	
Price Bands A, B and C	(EFGPF) 1,000.00 (EFGPF)	(I) (C)

(L)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

(L) Material relocated to Sheet 159.3.1. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates [1]

B. Switched Transport - Continued

11. Entrance Facility - DS1 – Continued	Monthly Rate	
		(D)
Zone 1	$200.00 (R) (EFGDX, EFGLX)	
Zone 2	200.00 (R) (EFGDX, EFGLX)	
Zone 3	225.00 (R) (EFGDX, EFGLX)	
		(D)
Price Bands A, B and C	225.00 (EFGDX, EFGLX)	(C) (C)

11. Entrance Facility - DS3	Service Installation	
Electrical Interface	$733.91 (EFGPF)	
Optical Interface	$660.52 (EFGMF)	
	Monthly Rate	
Electrical Interface		
Zone 1	$1,149.94 (R) (EFGPF)	
Zone 2	1,200.00 (EFGPF)	
Zone 3	1,200.00 (EFGPF)	
Price Bands A, B and C	1,200.00 (EFGPF)	(N) (N)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates[1] (T)

B. Switched Transport - Continued

Entrance Facility - DS1	Monthly Rate
First System	
Zone 1	$230.00 (EFGDX)
Zone 2	260.00 (EFGDX)
Zone 3	270.00 (EFGDX)
Each Additional System	
Zone 1	130.00 (EFGLX)
Zone 2	130.00 (EFGLX)
Zone 3	130.00 (EFGLX)

10. Entrance Facility - DS3	Service Installation
Electrical Interface	$733.91 (EFGPF)
Optical Interface	$660.52 (EFGMF)

	Monthly Rate
Electrical Interface	
Zone 1	$1,200.00 (EFGPF)
Zone 2	1,200.00 (EFGPF)
Zone 3	1,200.00 (EFGPF)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates [1]

B. Switched Transport - Continued

	Service Installation	
11. Entrance Facility - DS3		(L)(C)
Optical Interface		
Zone 1	$750.00 (EFGMF)	(I)
Zone 2	750.00 (EFGMF)	
Zone 3	750.00 (EFGMF)	
Price Bands A, B and C	750.00 (EFGMF)	(I) (C)
	Monthly Rate	
Electrical Interface		
Zone 1	$1,149.94 (EFGPF)	
Zone 2	1,250.00 (EFGPF)	(I)
Zone 3	1,500.00 (EFGPF)	(I)
Price Band A	1,265.00 (EFGPF)	(C)(I)
Price Band B	1,375.00 (EFGPF)	
Price Band C	1,650.00 (EFGPF)	(I) (C)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1. (L)

(L) Material relocated from Sheet 159.3. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates [1]

B. Switched Transport - Continued

11. Entrance Facility – DS3 - Continued	Monthly Rate	
Optical Interface		
Zone 1	$999.94 (EFGMF)	(I)
Zone 2	999.94 (EFGMF)	
Zone 3	1,125.00 (EFGMF)	
Price Bands A, B and C	1,125.00 (EFGMF)	(I)

12. Multiplexing	Service Installation	
DS1 to Voice		(C)
Zone 1	$800.00 (M6W1X, M6W1X, M6W1A)	(I)
Zone 2	800.00 (M6W1X, M6W1X, M6W1A)	
Zone 3	800.00 (M6W1X, M6W1X, M6W1A)	
Price Bands A, B and C	800.00 (M6W1X, M6W1X, M6W1A)	(I) (C)

(L)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

(L) Material relocated to Sheet 159.4.1. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates [1]

B. Switched Transport - Continued (T)

11. Entrance Facility – DS3 - Continued	Monthly Rate	
Optical Interface		
Zone 1	$900.00 (EFGMF)	
Zone 2	900.00 (EFGMF)	
Zone 3	900.00 (EFGMF)	
Price Bands A, B and C	900.00	(N)
	(EFGMF)	(N)

12. Multiplexing	Service Installation	
DS1 to Voice	$728.29 (M6W1X, M6W1X, M6W1A)	
DS3 to DS1	$366.95 (MKW3X, M6W3X, M6W3A)	

(L)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

(L) Material relocated to Sheet 159.4.1. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates[1] (T)

B. Switched Transport - Continued

Entrance Facility - DS1	Monthly Rate
Optical Interface	
Zone 1	$900.00 (EFGMF)
Zone 2	900.00 (EFGMF)
Zone 3	900.00 (EFGMF)

11. Multiplexing	Service Installation
DS1 to Voice	$728.29 (M6W1X)
DS3 to DS1	$366.95 (MKW3X)

	Monthly Rate
DS1 to Voice	
Zone 1	$190.00 (M6W1X)
Zone 2	190.00 (M6W1X)
Zone 3	190.00 (M6W1X)
DS3 to DS1	
Zone 1	$361.19 (MKW3X)
Zone 2	361.20 (MKW3X)
Zone 3	361.21 (MKW3X)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates [1]

B. Switched Transport - Continued

12.	Multiplexing - Continued	Service Installation	(N)
	DS3 to DS1		(L)(C)
	Zone 1	$450.00 (MKW3X, M6W3X, M6W3A)	(I)
	Zone 2	450.00 (MKW3X, M6W3X, M6W3A)	
	Zone 3	450.00 (MKW3X, M6W3X, M6W3A)	
	Price Bands A, B and C	450.00 (MKW3X, M6W3X, M6W3A)	(I) (L)(C)
12.	Multiplexing	Monthly Rate	(T)
	DS1 to Voice		
	Zone 1	$113.25 (M6W1X, M6W1X, M6W1A)	
	Zone 2	115.25 (M6W1X, M6W1X, M6W1A)	
	Zone 3	117.50 (M6W1X, M6W1X, M6W1A)	
	Price Bands A, B and C	168.00 (M6W1X, M6W1X, M6W1A)	

(L)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

(L) Material relocated to Sheet 159.4.2.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access (N)

Rates [1]

B. Switched Transport - Continued

12. Multiplexing – Continued

	Monthly Rate	
DS1 to Voice		(L)
Zone 1	$113.25 (R)	
	(M6W1X, M6W1X, M6W1A)	
Zone 2	115.25 (R)	
	(M6W1X, M6W1X, M6W1A)	
Zone 3	117.50 (R)	
	(M6W1X, M6W1X, M6W1A)	(L)
Price Bands A, B and C	168.00	(N)
	(M6W1X, M6W1X, M6W1A)	(N)
DS3 to DS1		(L)
Zone 1	$128.95 (R)	
	(MKW3X, M6W3X, M6W3A)	
Zone 2	162.30 (R)	
	(MKW3X, M6W3X, M6W3A)	
Zone 3	194.00 (R)	
	(MKW3X, M6W3X, M6W3A)	(L)
Price Band A	171.00	(N)
	(MKW3X, M6W3X, M6W3A)	
Price Band B	198.40	
	(MKW3X, M6W3X, M6W3A)	
Price Band C	235.20	
	(MKW3X, M6W3X, M6W3A)	(N)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1. (N)

(L) Material relocated from Sheet 159.4 (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access (N)

Rates [1]

B. Switched Transport - Continued

12. Multiplexing – Continued

	Monthly Rate	
DS3 to DS1		(L)
Zone 1	$128.95 (MKW3X, M6W3X, M6W3A)	
Zone 2	162.30 (MKW3X, M6W3X, M6W3A)	
Zone 3	194.00 (MKW3X, M6W3X, M6W3A)	
Price Band A	171.00 (MKW3X, M6W3X, M6W3A)	
Price Band B	198.40 (MKW3X, M6W3X, M6W3A)	
Price Band C	235.20 (MKW3X, M6W3X, M6W3A)	(L)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1. (N)

(L) Material relocated from Sheet 159.4.1 (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES [1]

C. End Office Services	Originating Per Access Minute	Terminating Per Access Minute	
1. End Office Switching – Bundled	.0132412	For rates see FCC 14, Section 4	
2. End Office Switching - Unbundled – Circuit Switched Line	.0132412	For rates see FCC 14, Section 4	
3. End Office Switching - Unbundled – Circuit Switched Trunk	.0132412	For rates see FCC 14, Section 4	
4. Shared Trunk Port Per MOU	For rates see FCC 14, Section 4	For rates see FCC 14, Section 4	
			(D)
5. Composite Terminating End Office Charge - Per Terminating Minute of Use	-	.0.001736	(T) (R)

	Nonrecurring Charge	
6. Alternate Routing - BSE		(T)
Per Trunk Group Equipped	$76.07	
	Per ANI Attempt	
7. Automatic Number Identification (ANI) – BSE	$.00016	(T)
	Monthly Rate	
8. User Transfer - BSE		(T)
Per Line/Trunk Arranged	$1.75	
9. Hunt Group Arrangement – BSE		(T)
Per Line Equipped	$1.50	
10. Queuing – BSE		(T)
Per Group Equipped	$15.00	
11. Uniform Call Distribution – BSE		(T)
Per Line Equipped	$5.66	

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

(D)
(D)
Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES [1]

C. End Office Services

		Originating Per Access Minute	Terminating Per Access Minute	
1.	End Office Switching – Bundled	.0132412	For rates see FCC 14, Section 4	
2.	End Office Switching - Unbundled – Circuit Switched Line	.0132412	For rates see FCC 14, Section 4	
3.	End Office Switching - Unbundled – Circuit Switched Trunk	.0132412	For rates see FCC 14, Section 4	
4.	Shared Trunk Port Per MOU	For rates see FCC 14, Section 4	For rates see FCC 14, Section 4	
5.	Transitional Intrastate Access Charge [2]	-	$ .005095	
6.	Composite Terminating End Office Charge - Per Terminating Minute of Use	-	.0.002771	(N) (N)

7.	Alternate Routing - BSE	Nonrecurring Charge	(T)
	Per Trunk Group Equipped	$76.07	
8.	Automatic Number Identification (ANI) – BSE	Per ANI Attempt	(T)
		$.00016	
		Monthly Rate	
9.	User Transfer - BSE		(T)
	Per Line/Trunk Arranged	$1.75	
10.	Hunt Group Arrangement – BSE		(T)
	Per Line Equipped	$1.50	
11.	Queuing – BSE		(T)
	Per Group Equipped	$15.00	
12.	Uniform Call Distribution – BSE		(T)
	Per Line Equipped	$5.66	

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

[2] The Transitional Terminating Access Charge is applicable from July 1, 2012 through June 30, 2013. This charge will be eliminated July 1, 2013.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES [1]

C. End Office Services	Originating Per Access Minute	Terminating Per Access Minute
1. End Office Switching – Bundled	.0132412 (R)	For rates see FCC 14, Section 4
2. End Office Switching - Unbundled – Circuit Switched Line	.0132412 (R)	For rates see FCC 14, Section 4
3. End Office Switching - Unbundled – Circuit Switched Trunk	.0132412 (R)	For rates see FCC 14, Section 4
4. Shared Trunk Port Per MOU	For rates see FCC 14, Section 4	For rates see FCC 14, Section 4
5. Transitional Intrastate Access Charge [2]	-	.005095 (R)
6. Alternate Routing - BSE	Nonrecurring Charge	
Per Trunk Group Equipped	$76.07	
7. Automatic Number Identification (ANI) – BSE	Per ANI Attempt	
	$.00016	
8. User Transfer - BSE	Monthly Rate	
Per Line/Trunk Arranged	$1.75	
9. Hunt Group Arrangement – BSE		
Per Line Equipped	$1.50	
10. Queuing – BSE		
Per Group Equipped	$15.00	
11. Uniform Call Distribution – BSE		
Per Line Equipped	$5.66	

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

[2] The Transitional Terminating Access Charge is applicable from July 1, 2012 through June 30, 2013. This charge will be eliminated July 1, 2013.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES [1]

		Originating Per Access Minute	Terminating Per Access Minute	
C.	End Office Services			(T)
1.	End Office Switching – Bundled	.013299 (R)	For rates see FCC 14, Section 4	(C)
2.	End Office Switching - Unbundled – Circuit Switched Line	.013299 (R)	For rates see FCC 14, Section 4	
3.	End Office Switching - Unbundled – Circuit Switched Trunk	.013299 (R)	For rates see FCC 14, Section 4	(C)
4.	Shared Trunk Port Per MOU	For rates see FCC 14, Section 4	For rates see FCC 14, Section 4	(N) (N)
5.	Transitional Intrastate Access Charge [2]	-	.006034	(N)
6.	Alternate Routing - BSE	Nonrecurring Charge		(T)
	Per Trunk Group Equipped	$76.07		
7.	Automatic Number Identification (ANI) – BSE	Per ANI Attempt		(T)
		$.00016		(T)
8.	User Transfer - BSE	Monthly Rate		(T)
	Per Line/Trunk Arranged	$1.75		
9.	Hunt Group Arrangement – BSE			(T)
	Per Line Equipped	$1.50		
10.	Queuing – BSE			(T)
	Per Group Equipped	$15.00		
11.	Uniform Call Distribution – BSE			(T)
	Per Line Equipped	$5.66		

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

[2] The Transitional Terminating Access Charge is applicable from July 1, 2012 through June 30, 2013. This charge will be eliminated July 1, 2013. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[1] (T)

C. End Office Services

1.	End Office Switching - Bundled Per Access Minute	.0155535
2.	End Office Switching - Unbundled - Circuit Switched Line Per Access Minute	.0155150
3.	End Office Switching - Unbundled - Circuit Switched Trunk Per Access Minute	.0155150
4.	Alternate Routing - BSE	Nonrecurring Charge
	Per Trunk Group Equipped	$76.07
5.	Automatic Number Identification (ANI) – BSE	
	Per ANI Attempt	$.00016
6.	User Tansfer - BSE Monthly Rate	
	Per Line/Trunk Arranged	$1.75
7.	Hunt Group Arrangement – BSE	
	Per Line Equipped	$1.50
8.	Queuing – BSE	
	Per Group Equipped	$15.00
9.	Uniform Call Distribution – BSE	
	Per Line Equipped	$5.66

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[1]

C. End Office Services - Continued

	Monthly Rate	
12. Simplified Message Desk Interface (SMDI) - BSE		(T)
Per DNAL	$246.39	
13. Remote Call Forwarding – BSE		(T)
Per Line	$16.00	
14. Direct Inward Dialing (DID) – BSE		(T)
Per Block of 20	$66.00	
Per DID Term	$24.05	
15. Bill # Screening		(T)
Per Line Screened	$.37	
16. 800 Data Base Query		(T)
Basic and Premium 800 Data Base Query Charge		
Per Query	.0067	
17. Dedicated Trunk Port – VG	For rates see FCC 14, Section 4	(N)
18. Dedicated Trunk Port – DS1	For rates see FCC 14, Section 4	(N)

D. Network Blocking Charge	Per Call
Applies to FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service	$.03

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[1] (T)

C. End Office Services - Continued

	Monthly Rate
10. Simplified Message Desk Interface (SMDI) - BSE	
Per DNAL	$246.39
12. Remote Call Forwarding – BSE	
Per Line	$16.00
13. Direct Inward Dialing (DID) – BSE	
Per Block of 20	$66.00
Per DID Term	$24.05
14. Bill # Screening	
Per Line Screened	$.37
15. 800 Data Base Query	
Basic and Premium 800 Data Base Query Charge	
Per Query	.0067

D. Network Blocking Charge	Per Call
Applies to FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service	$.03

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

Rates[1] - Continued

		NRC	Monthly Rate
E.	Public Access Line Service		
1.	Public Access Line, each	Appropriate service Connection, move, and change charges as set forth in Schedule Cal. P.U.C. No. A-41.	$ 12.00*
2.	Speed Dialing Service #		
a.	Push button with logo, per button		5.00
b.	Speed dial pad capability		1.00

		Per Access Minute
F.	Measured Local Service Credit	
	MLS Credit	$ .00516685

		Monthly Rate
G.	Switched Access Cross Connect	
a.	DS0	$ 0.99
b.	DS1	3.77
c.	DS3	33.21

H. (D) (D)

(P1)

Offered on a Central Office participation basis and subject to equipment availability.
* Plus rates for an individual-line business service as set forth in Schedule Cal. P.U.C. No. A-1, in addition to applicable Interstate/Intrastate end user common access line charges.

NOTE: In addition to the rates for the Public Access Line, rates for FG-C/D are applicable for usage associated with the Public Access Line.
1 The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

(P) Pending approval of Advice Letter No. 9164.
(P1) Pending approval of Advice Letter No. 9247.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[1] - Continued

			Monthly Rate	
E.	Public Access Line Service	NRC		(L)
	1. Public Access Line, each	Appropriate service Connection, move, and change charges as set forth in Schedule Cal. P.U.C. No. A-41.	$ 12.00*	
	2. Speed Dialing Service #			
	a. Push button with logo, per button		5.00	
	b. Speed dial pad capability		1.00	

		Per Access Minute
F.	Measured Local Service Credit	
	MLS Credit	$ .00516685

		Monthly Rate
G.	Switched Access Cross Connect	
	a. DS0	$ 0.99
	b. DS1	3.77
	c. DS3	33.21

		Per Access Minute
H.	Equal Access Recovery Charge	
	Per Originating Intrastate Access Minute	$ .0000000

Offered on a Central Office participation basis and subject to equipment availability.

* Plus rates for an individual-line business service as set forth in Schedule Cal. P.U.C. No. A-1, in addition to applicable Interstate/Intrastate end user common access line charges.

NOTE: In addition to the rates for the Public Access Line, rates for FG-C/D are applicable for usage associated with the Public Access Line.

1 The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

(L)

(L) Material previously shown on 14th Revised Sheet 160.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[1] - Continued

I. Tandem Access Sectorization		NRC
1. Initial Establishment		
Per Equal Access Tandem - Per Customer		$ 858.55
2. Change or Delete		
Per Equal Access Tandem - Per Customer		98.88
J. Switched Data Service		Per Access Minute
1. Rate per FGD trunk		Refer to rate for FGD service.
K. Information Surcharge		Charges
Per Access Minute		$ 0.00000000 (R) [2]
L. Blocking Per Access Minute		
Allocation of blocking costs #		$ 0.020
M. 500 NXX Translation		NRC
1. Initial NXX Per End Office		$ 21.00
2. Subsequent NXX Per End Office (on the same ASR)		11.00

1 The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

2 Rate reconciled to effective rate as of July 1, 2012. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued (L)

RATES[1] - Continued

I. Tandem Access Sectorization		NRC
1. Initial Establishment		
Per Equal Access Tandem - Per Customer		$ 858.55
2. Change or Delete		
Per Equal Access Tandem - Per Customer		98.88
J. Switched Data Service		Per Access Minute
1. Rate per FGD trunk		Refer to rate for FGD service.
K. Information Surcharge		Charges
Per Access Minute		$ 0.00043744
L. Blocking Per Access Minute		
Allocation of blocking costs #		$ 0.020
M. 500 NXX Translation		NRC
1. Initial NXX Per End Office		$ 21.00
2. Subsequent NXX Per End Office (on the same ASR)		11.00

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

(L)

Material omitted now shown on Original Sheet 159.7.
(L) Material previously shown on 7th Revised Sheet 160.1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[1] - Continued

N. Carrier Identification Parameter (CIP) (N)

	Nonrecurring Charges	
Per CIC, Per End Office		
Direct Trunk	$ 80.00	
Per CIC, Per Access Tandem		
Direct Trunk	1,120.00	
	Monthly Recurring Charge	
Per Trunk	$ 0.46	(N)

[1] The rates for Switched Access Service, Sheets 159 through 160.1, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Material omitted now shown on 15th Revised Sheet 160.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES [1] - Continued (T)

AA. Local Transport

		Originating Per Access Minute	Terminating Per Access Minute	
1.				(D) (D)
				(L)
2.	Tandem-Switched Transport – Facility – per mile	0.000002	0.000002	(N)
3.	Tandem-Switched Transport - Termination	0.000000	0.000000	
4.	Tandem Switching Rate	0.001574	0.001574	
		Monthly Charge		
5.	Tandem Dedicated Trunk Port VG	For rates see FCC 16, Section 6		
6.	Tandem Dedicated Trunk Port DS1	For rates See FCC 16, Section 6		(N)

[1] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (T)

(L) Material relocated to Page 160.2.3 (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[2] - Continued

AA. Local Transport (N)

1. Termination — Rate Per Access Minute

(Non-Distance-Sensitive) $.0071460

2. Installation per Order	Nonrecurring Charge 1st	Add'l
Per FGA line traversing Direct Trunked Transport	$312.00	$312.00
Per FGB, FGD traversing Direct Trunked transport or Tandem-Switched transport	500.00	184.00

3. Chargeable Optional Features	Rate
a. Operator Transfer Service	
- Per Call Transferred	$0.35

[2] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued (N)

RATES [1] - Continued

AA. Local Transport - Continued

		Per Month
7.	Direct-Trunked Transport-Voiceband	
	Per Mile	$1.08 (1YTXS,1YLXS)
	Fixed	$19.66 (TRL,TRLAX)
8.	Direct-Trunked Transport-DS1	
	Per Mile	$ 11.76 (1YTXS,1YLXS)
	Fixed	$38.36 (TRL,TRLAX)
9.	Direct-Trunked Transport-DS3	
	Per Mile	$ 96.41 (1YTXS,1YLXS)
	Fixed	$824.40 (TRL,TRLAX)

[1] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued (N)

RATES [1] - Continued

AA. Local Transport - Continued

	Service Installation	Monthly Rate
10. Entrance Facility-Voiceband		
2-Wire	$200.00 (EFG2X)	$22.25 (EFG2X)
4-Wire	$200.00 (EFG4X)	$31.35 (EFG4X)
11. Entrance Facility – DS1	$450.00 (EFGDX, EFGLX)	$288.90 (EFGDX, EFGLX)
12. Entrance Facility - DS3	$1,000.00 (EFGPF, EFGMF)	$3,525.66 (EFGPF, EFGMF)

[1] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued (N)

RATES [1] - Continued

AA. Local Transport - Continued

		Service Installation	Monthly	
13.	Multiplexing			
	DS1 to Voice	$800.00 (MKW1X, M6W1A, M6W1X)	$193.00 (MKW1X, M6W1A, M6W1X)	
	DS3 to DS1	$450.00 (MKW3X, M6W3A, M6W3X)	$318.96 (MKW3X, M6W3A, M6W3X)	(N)
14.	Switched Access Ordering Charge, Per ASR		$ 52.51 (SESSE)	(L)(C) (D) (D)
15.	Operator Transfer Service-Per Call Transferred		$0.35	(C) (D) (L)(D)

[1] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (N) (N)

(L) Material relocated from Sheet 160.2 (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES [1] - Continued (T)

AA. Local Transport - Continued

16. Nonchargeable Optional Features (T)

a. Supervisory Signaling

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

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

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

Tandem Supervisory Signaling
- Per Transmission Path***

b. Customer specification of the receive transmission level at the first point of switching within a range acceptable to the Utility
- Per Transmission Path****

c. Customer specification of Local Transport Termination Four-wire termination in lieu of two-wire termination
- Per Transmission Path*****

* Available with Interface Groups 1 and 2.
** Available with Interface Groups 1 and 2 for FGC and FGD.
*** Available with Interface Group 2 for FGA.
**** Available with Interface Groups 2 through 10 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.

[1] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (T)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[2] - Continued (T)

AA. Local Transport - Continued (N)

4. Nonchargeable Optional Features

a. Supervisory Signaling

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

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

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

Tandem Supervisory Signaling
- Per Transmission Path***

b. Customer specification of the
receive transmission level at the
first point of switching within
a range acceptable to the Utility
- Per Transmission Path****

c. Customer specification of Local
Transport Termination
Four-wire termination in lieu of
two-wire termination
- Per Transmission Path*****

* Available with Interface Groups 1 and 2.
** Available with Interface Groups 1 and 2 for FGC and FGD.
*** Available with Interface Group 2 for FGA.
**** Available with Interface Groups 2 through 10 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.

[2] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES [1] - Continued

AB. End Office

1. Local Switching

	Originating Per Access Minute	Terminating Per Access Minute	
End Office Switching – Bundled	$ 0.003150	For rates see FCC 16, Section 6	
End Office Switching - Unbundled – Circuit Switched Line	0.003150	For rates see FCC 16, Section 6	
End Office Switching - Unbundled – Circuit Switched Trunk	0.003150	For rates see FCC 16, Section 6	
Shared Trunk Port – Per MOU	For rates see FCC 16, Section 6	For rates see FCC 16, Section 6	
			(D)
Composite Terminating End Office Charge - Per Terminating Minute of Use	-	.0.001664	(R)
Call set-up, per originating call	$0.014380		
Dedicated Trunk Port – VG		For rates see FCC 16, Section 6	
Dedicated Trunk Port – DS1		For rates see FCC 16, Section 6	

[1] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2.

(D)
(D)
Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES [1] - Continued

AB. End Office

1. Local Switching

	Originating Per Access Minute	Terminating Per Access Minute	
End Office Switching – Bundled	$ 0.003150	For rates see FCC 16, Section 6	
End Office Switching - Unbundled – Circuit Switched Line	0.003150	For rates see FCC 16, Section 6	
End Office Switching - Unbundled – Circuit Switched Trunk	0.003150	For rates see FCC 16, Section 6	
Shared Trunk Port – Per MOU	For rates see FCC 16, Section 6	For rates see FCC 16, Section 6	
Transitional Intrastate Access Charge [2]	-	$ .001026	
Composite Terminating End Office Charge - Per Terminating Minute of Use	-	.0.002629	(N) (N)
Call set-up, per originating call	$0.014380		
Dedicated Trunk Port – VG		For rates see FCC 16, Section 6	
Dedicated Trunk Port – DS1		For rates see FCC 16, Section 6	

[1] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2.

[2] The Transitional Terminating Access Charge is applicable from July 1, 2012 through June 30, 2013. This charge will be eliminated July 1, 2013.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES [1] - Continued (T)

AB. End Office

1. Local Switching

	Originating Per Access Minute	Terminating Per Access Minute	
End Office Switching – Bundled	$ 0.003150	For rates see FCC 16, Section 6	(C)
End Office Switching - Unbundled – Circuit Switched Line	0.003150	For rates see FCC 16, Section 6	
End Office Switching - Unbundled – Circuit Switched Trunk	0.003150	For rates see FCC 16, Section 6	
Shared Trunk Port – Per MOU	For rates see FCC 16, Section 6	For rates see FCC 16, Section 6	(C)
Transitional Intrastate Access Charge [2]	-	.001026	(N)
Call set-up, per originating call	$0.014380		(C)
Dedicated Trunk Port – VG	For rates see FCC 16, Section 6		(N)
Dedicated Trunk Port – DS1	For rates see FCC 16, Section 6		(N)

[1] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (T)

[2] The Transitional Terminating Access Charge is applicable from July 1, 2012 through June 30, 2013. This charge will be eliminated July 1, 2013. (N) (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[2] - Continued (T)

AB. End Office (N)

1. Local Switching

	Rates
LS1 - Feature Groups A and B	
Call set-up, per call	$0.014380
Per Access Minute of Use	0.003150
LS2 - Feature Groups C, D, PVN Access, 800 and 900 Access Service	
Call set-up, per call	$0.014380
Per Access Minute of Use	0.003150

[2] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[2] - Continued (T)

AB. End Office - Continued (N)

1. Local Switching - Continued

a. Common Switching Optional Features

	Nonrecurring Charges
Automatic Number Identification (available with FGD) - Per Transmission Path Group	$ 0.00
Up-to-7-Digit Outpulsing of Access Digits to IC (available with FGB) - Per Transmission Path Group	0.00
Delay-Dial Start-Pulsing Signaling (available with FGC) - Per Transmission Path Group	0.00
Immediate-Dial-Pulse Address Signaling (available with FGC) - Per Transmission Path Group	0.00
Dial-Pulse Address Signaling (available with FGC) - Per Transmission Path Group	0.00

[2] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

(T)

RATES[2] - Continued

(N)

AB. End Office - Continued

1. Local Switching - Continued

a. Common Switching Optional Features - Continued

	Nonrecurring Charges
Service Class Routing (available with FGC and FGD) - Per Transmission Path Group	$0.00
Alternate Traffic Routing (available with FGB, FGC and FGD) - Per Transmission Path Group	0.00
Trunk Access Limitation Arrangement (available with FGC and FGD) - Per End Office	0.00
Call Gapping Arrangement (available with FGD) - Per End Office	0.00
International Carrier Option (available with FGD) - Per End Office and Access Tandem	0.00

[2] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[2] - Continued (T)

AB. End Office - Continued (N)

1. Local Switching - Continued

a. Common Switching Optional Features - Continued

	Nonrecurring Charges
Band Advance Arrangement for use with WATS Access Line Service (available with FGC and FGD) - Per Arrangement	$0.00
End Office Customer Line Service Screening for use with WATS Access Line Service* (available with FGC and FGD) - Per Transmission Path	0.00

b. Transport Termination Options

1. Line-Side Terminations (For FGA)

Two-Way Operation
- Dial Pulse with Loop Start
- Dial Pulse with Ground Start
- DTMF with Loop Start
- DTMF with Ground Start

* This feature is required for WATS Access Line Service.

[2] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[2] - Continued (T)

AB. End Office - Continued (N)

1. Local Switching - Continued

b. Transport Termination Nonchargeable Options - Continued

1. Line-Side Terminations (For FGA) - Continued

Terminating Operation (Toward Switch)
- Dial Pulse with Loop Start
- Dial Pulse with Ground Start
- DTMF with Loop Start
- DTMF with Ground Start

Originating Operation (Toward Customer)
- Loop Start
- Ground Start

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

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

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

Operator Trunk, Full
Feature Arrangement
(available with FGD)

[2] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[2] - Continued

AB. End Office - Continued

1. Local Switching - Continued

2. Public Switched Digital Services Access Switching Capability

	Rate
Per access minute (one minute minimum charging interval)	$ 0.12

3. 500 Access Service

	Nonrecurring Charges	
	1st NXX	Additional NXX
Activating/Deactivating Each NXX Per Central Office Per order	$ 163.00	$ 148.00

AC. (D)

(D)

[2] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES[2] - Continued

AB. End Office - Continued

1. Local Switching - Continued

2. Public Switched Digital Services Access Switching Capability

	Rate
Per access minute (one minute minimum charging interval)	$0.12

3. 500 Access Service

	Nonrecurring Charges	
	1st NXX	Additional NXX
Activating/Deactivating Each NXX Per Central Office Per order	$163.00	$148.00

AC. Equal Access Recovery Charge

	Per Access Minute	
Per Originating Intrastate Access Minute	$ .0002933	(N)

(N)

[2] The rates for Switched Access Service, Sheets 160.2 through 160.9, are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2.

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