

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS

4.1 General

Switched Access provides two-point electrical communications paths between the CDL and the points of termination at the Utility's end user premises within the Access Area. Each path is established through the use of Switched Transport, End Office Services and Common 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. Specific descriptions of Switched Access are in 4.2.

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

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

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)
(D)
|
(D)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.1 General - Continued

When Switched Access is ordered in BHMC, the BHMC must be differentiated by Feature Group type and directionality of traffic as in 4.3.2 in order for the Utility to properly design Switched Access to meet the traffic carrying capacity requirements of the customer.

When a customer plans to use Switched Access in connection with the resale of services of an IC, the provisions for such Switched Access charges are in Section 12.

Switched Access is provided with basic testing as described in 4.2.1(A)(10), (B)(11), (C)(13), (D)(13), and 4.2.7. Additional testing is provided as described in 6.6. Testing is provided only on the FIA supplied by the Utility.

Shared use between Switched Access and Special Access over high capacity facilities is described in (C) 5.6.7.

Switched Access may be ordered by the customer for mixed intrastate and interstate communications as described in 4.3.2 and 4.3.3.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2. 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, described in 4.2.2, 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 Alternative B (BSA-B), Basic Serving Arrangement Alternative C (BSA-C), and Basic Serving Arrangement Alternative 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 Telephone Company exchange service locations. Two-Way calling permits the delivery of calls in both directions, but not simultaneously.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

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

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access (Continued) (T)

4.2.1 Description of Feature Groups (T)

The Utility, under the ordering provisions in Section 3, at rates and charges as specified in 4.6, will provide Switched Access as follows:

(A) Feature Group A (USOC - OHY; OHX)

Feature Group A (FGA), 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. FGA 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.

(D)
(D)

Material omitted now shown on Original Sheet No. 94.8.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(A) Feature Group A - Continued

- (1) FGA is provided at all Utility end office switches and switches customer communications to and from Common Lines or Special Access Lines, as described in 4.2.1(A).

FGA utilizes a two-point electrical communications path between the Switched Transport and the 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.

- (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.

- (3) The customer shall select the first point of switching, within the selected FGA Access Area.

(T)(L)

(L)

(L) Material previously shown on 1st Revised Sheet No. 109.

Material omitted now shown on Original Sheet Nos. 94.18 and 94.29.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(T)(L)

(A) Feature Group A - Continued

- (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, Customer Specification of Switched Access Directionality as described in 4.2.5(H). 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 lines will be arranged for the same type of signaling.

(L) Material previously shown on 1st Revised Sheet No. 110.

Material omitted now shown on Original Sheet No. 94.42.

(L)

(D)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(A) Feature Group A - Continued

(5) 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.

Material omitted now shown on Original Sheet No. 94.3.1.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.4 Description of End Office Services - Continued

(B) FGA - Continued

- (6) FGA, when being 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 Extended 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. When a FGA customer chooses to terminate toll calls outside the FGA Access Area via an interexchange Carrier's Service (i.e., no screening or blocking performed by the customer), the rates and charges in 4.5.2(N)(3)(b) apply. The Utility may, at the customer's request, and depending on the technical capabilities, screen and block such interLATA 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 customer services (by dialing the appropriate digits). The customer will be billed for an operator surcharge, as found in the local tariffs, for local operator assistance (0-) calls; directory assistance (411 and 555-1212) calls; and customer call charges in accordance with the tariffs in force when the Utility performs the billing for such customer calls.

(L)
|
(N)(L)
|
(N)
(L)
(L)
(N)
|
(N)(L)

(L) Material previously shown on Original Sheet 94.3.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(A) Feature Group A - Continued

(6) Continued

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 FGA is provided. Call Denial on Line or Hunt Group is an arrangement which will screen terminating calls except calls to 411, 611, 911, 800, 888, 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 will screen Access Area 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. (T)

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.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(A) Feature Group A - Continued

(T)(L)

(7) (Reserved for Future Use)

(8) FGA is provided on a single line basis. FGA may, at the option of the customer, be provided in a Hunt Group Arrangement or a Uniform Call Distribution Arrangement. When FGA is provided with these arrangements, the FGA may also, at the option of the customer, 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 FGA is 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 FGA in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

If the customer requests a specific seven-digit telephone number that is not currently assigned, and the Utility can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

(L) Material previously shown on 1st Revised Sheet No. 113.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(A) Feature Group A - Continued

(T)(L)

- (10) FGA 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.

- (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, and milliwatt (102 type) test line.

Additional testing will apply as described in 6.6 following when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGA; 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.

- (11) (Reserved for Future Use)

(L) Material previously shown on 1st Revised Sheet No. 114.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(A) Feature Group A - Continued

(12) When all FGA for an individual customer (a single line or entire hunt group) are 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.

(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 performance is provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGA.

(T)(L)

(L)

(L) Material previously shown on Original Sheet No. 114.1 and 1st Revised Sheet No. 115

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(B) Feature Group B (USOC - OHB)

(T)(L)

Feature Group B (FGB), which is available to all customers, provides trunk-side access to Utility end office switches with an associated uniform 950-XXXX access code for originating and terminating communications. Feature Group B is available for customer provided intrastate communications capability or connection to an interexchange intrastate service.

- (1) FGB, when provided without the use of an access tandem switch (in a directly routed arrangement), are 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 subtending end office switches in the terminating direction and at appropriately equipped end offices in the originating direction utilizing the end user access code of 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-XXX.

(L)

(L) Material previously shown on 1st Revised Sheet Nos. 94 and 115.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(B) Feature Group B - Continued

(1) - Continued

FGB utilizes a two-point electrical communications path between the Interface Arrangement and the Common Line or Special Access Line, as in 4.2.1(B), 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.

(T)(L)

(L)

(L) Material previously shown on Original Sheet No. 115.1.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(B) Feature Group B - Continued

- (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.

(T)(L)
|
(L)

(L) Material previously shown on 1st Revised Sheet No. 116.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(B) Feature Group B - Continued

(T)(L)

- (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 an Automatic Number Identification (ANI) Arrangement or Rotary Dial Station Signaling, where available, special routing and trunking arrangements may be required.
- (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 the option, Customer Specification of Switched Access Directionality as described in 4.2.5.(H). 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 point of presence at Utility local service locations. Two-way calling permits either the origination or termination of calls, but not simultaneously.

(L) Material previously shown on 1st Revised Sheet No. 116.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(B) Feature Group B - Continued

- (5) FGB, when being used in the terminating and originating direction, are provided with multifrequency address signaling. At the option of the customer, Up to Seven Digits Outpulsing of Access Digits to the customer 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 as described in 4.2.5(M), 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.

(T)(L)

(L)

(L) Material previously shown on 1st Revised Sheet No. 117.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(B) Feature Group 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 and other services when those 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 FGB Arrangement provided.

(T)(L)

(L)

(L) Material previously shown on Original Sheet Nos. 117 and 117.1.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(B) Feature Group B - Continued

(T)(L)

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

(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 identifications" 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.

(L)

(L) Material previously shown on 1st Revised Sheet No. 118.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(B) Feature Group B - Continued

(T)(L)

(9) Continued

Rotary Dial Station Signaling will be made available in certain end offices using dial repeating equipment provided by the Utility. The customer must order the Switched Transport arranged to pass the dial repeating signals. FGB 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 FGB. The Utility makes no guarantee that ANI will be available at all end offices which have access to FGB.

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

(L)

(L) Material previously shown on 1st Revised Sheet No. 119.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(B) Feature Group B - Continued

(T)(L)

(11) Continued

(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, FGB will be provided with automatic testing (105 type or equivalent) in the originating direction.

Additional testing charges apply as described in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGB; 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 directly routed) to the customer's first point of switching.

(12) (Reserved for Future Use)

(L) Material previously shown on 1st Revised Sheet Nos. 119 and 120.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(B) Feature Group B - Continued

(T)(L)

- (13) When all FGB 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 FGB associated with the number dialed has been disconnected.
- (14) FGB 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 1 and Type B is provided with Interface Groups 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGB.
- (15) FGB may at the option of the customer and with the concurrence of the Utility, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), 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.

(L) Material previously shown on Original Sheet No. 120.1.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(C) Feature Group C

(T)(L)

Feature Group C (FGC) provides trunk side access to Utility end office switches for providers of MTS and WATS for originating and terminating communications. FGC is available in all end offices which are not equipped for FGD End Office Services.

- (1) FGC is provided at all Utility end office switches or Utility designated access tandem switches. FGC 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, FGC will be discontinued as soon as the conversion to FGD or BSA-D can be arranged.

(L)

(L)

FGC utilizes a two-point electrical communications path between the Interface Arrangement and the 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 signals within the frequency bandwidth of approximately 300 to 3000 Hz.

(C)

(C)

(C)

(L) Material previously shown on Original Sheet No. 94.1 and 1st Revised Sheet No. 121.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(C) Feature Group C - Continued

- (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.
- (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 Automatic Number Identification (ANI) Arrangement or Service Class Routing Arrangement, special routing and trunking arrangements may be required.

(T)(L)

(L)

(L) Material previously shown on 1st Revised Sheet No. 121.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(C) Feature Group C - Continued

- (4) FGC 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 Customer Specification of Directionality option as described in 4.2.5(H). 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 at Utility exchange service locations. Two-way calling permits either the origination or termination of calls, but not simultaneously.

(T)(L)

(L)

(L) Material previously shown on 1st Revised Sheet No. 122.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(B) Feature Group C - Continued

- (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 reverive 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 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 FGC terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

(T)(L)

(L)

(L) Material previously shown on 1st Revised Sheet No. 122.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(C) Feature Group C - Continued

(T)(L)

- (6) FGC, when being used in the terminating direction, may be used to access NXXs in the FGC Access Area. If the FGC connection is made directly to an end office, the Access Area is that of that end office only. If the FGC connection is made to an access tandem, the Access Area is that of all end offices subtending that access tandem. The description of any FGC Access Area will be provided to the customer upon request. Access is also available to Directory Assistance and other customer 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 FGC arrangement provided.
- (8) No access code is required for FGC. In certain locations, due to Central Office equipment limitations, two or three digit access codes may be used. The telephone number dialed by the end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). 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.

(L) Material previously shown on 1st Revised Sheet No. 123.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(C) Feature Group C - Continued

- (9) FGC 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 four 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 made available using multifrequency signaling provided by the Utility.

FGC 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 FGC.

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 800/888 Service. It is not provided from end offices for which the Utility needs to forward ANI to its recording equipment.

(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(C) Feature Group C - Continued

(10) (Reserved for Future Use)

(11) (Reserved for Future Use)

(12) (Reserved for Future Use)

(13) FGC 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.

(T)(L)

(L)

(L) Material previously shown on 1st Revised Sheet No. 125.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(C) Feature Group C - Continued

(13) - 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), FGC 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.

(T)(L)

(L)

(L) Material previously shown on Original Sheet No. 125.1.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(C) Feature Group C - Continued

(13) - Continued

Additional testing charges will apply as described in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGC; or (c) the customer requests testing on a more frequent basis than scheduled in the Utility's Central Office Maintenance Planning System (COMPS).

(14) FGC 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 group to one or more CDLs. For existing arrangements only, up to three trunk groups to three CDLs may be provided.

(15) FGC 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 (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 888, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel).

(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(C) Feature Group C - Continued

(16) (Reserved for Future Use)

(17) FGC 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.

(18) FGC is provided with the following features in the originating direction for operator assistance services. FGC may require the routing by Service Class Routing Arrangement as specified in 4.2.1(C)(15).

(T)(L)

(T)(L)

(L) Material previously shown on 1st Revised Sheet No. 127.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(C) Feature Group C - Continued

(T)(L)

(18) - Continued

- (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. FGC 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.
- (b) Operator Assistance-Noncoin Arrangements in All Utility End Offices. Such arrangements provide routing of 0+, 0-, 01+ 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.

(L) Material previously shown on 1st Revised Sheet No. 128.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(C) Feature Group C - Continued

(18) - Continued

(b) 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 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).

(T)(L)

(L)

(L) Material previously shown on 1st Revised Sheet No. 129.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(C) Feature Group C - Continued

- (19) 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 Group 1 when routed directly to an end office. Type B is provided with Interface Groups 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 IC, be provided with FGC.

(T)(L)

(L)

(L) Material previously shown on 1st Revised Sheet No. 129.

Continued

Advice Letter No. 410
Decision No.

Issued By
Lida C. Tong, State Director
External Affairs

Date Filed JAN 02, 1996
Effective FEB 29, 1996
Resolution No.

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

Feature Group (FGD), which is available to all customers, 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 connection to an interexchange intrastate service. (C)

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

FGD utilizes a two point electrical communications path between the Switched Transport 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.

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

(D)
(D)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

- (2) FGD 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 and wink start pulsing signals except when SS7 Out of Band Signaling is specified.
- (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 customer 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.

(T)(L)

(L)

(L) Material previously shown on 2nd Revised Sheet No. 130.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

(T)(L)

- (4) FGD is arranged for either originating calling only, terminating calling only, or two-way calling based on the customer end office switching Busy Hour Minutes of Capacity ordered, or on a per trunk basis, at the option of the customer. 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, IC 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 customer's end user to the CDL. Terminating calling permits the termination of calls from the CDL at Utility Local Service locations. 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 customer's 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) Material previously shown on 2nd Revised Sheet No. 131.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

(T)(L)

- (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 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 FGD capabilities. When the customer wants access to all end offices subtending that access tandem (both equal access 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 FCC 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 and other customer 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.

(L) Material previously shown on 2nd Revised Sheet No. 132.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

- (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 Primary Interexchange Carrier (PIC) arrangement as in 6.5 to the same customer. (C)

The number dialed by the end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). The form of the telephone numbers dialed by the end users in NXX-XXXX, 0 or 1+NXX-XXXX, NPA-NXX-XXXX, or 1+NPA+NXX-XXXX. When the 101XXXX access code is used, FGD also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Utility's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the CDL. FGD 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 as in 6.5 and 4.2.5(V). A single access code will be the assigned number of all FGD provided to the customer 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 4.2.5(T), 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

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

(T)(L)

(8) - Continued

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

- (9) FGD may, at the option of the customer, be arranged to provide Automatic Number Identification (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 customer may obtain an ANI equivalent by ordering the charge number optional feature as described in 4.2.5(A)(D). 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.

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) Material previously shown on 2nd Revised Sheet No. 133.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

(T)(L)

(9) - Continued

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+XXX-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) (Reserved for Future Use)

(11) (Reserved for Future Use)

(L)

(12) (Reserved for Future Use)

(L)

(I)

(L) Material previously shown on 2nd Revised Sheet No. 133 and 1st Revised Sheet No. 134.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

(T)(L)

(13) FGD 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.

(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), FGD will be provided with automatic testing.

(L) Material previously shown on 1st Revised Sheet No. 135.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

(13) - 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.

(d) When FGD, 800 or 888 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-000905. 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.

(T)

Continued

Advice Letter No. 420
Decision No.

Issued By
Lida C. Tong, State Director
External Affairs

Date Filed JUL 03, 1996
Effective AUG 14, 1996
Resolution No.

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

(T)(L)

(13) - Continued

Additional testing charges will apply as specified in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGD; or (c) the customer requests testing on a more frequent basis than scheduled in the Utility's Central Office Maintenance Planning System (COMPS).

- (14) FGD 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. For existing arrangements only, up to three trunk groups to three CDLs may be provided.

(L)

(L)

(L)

(L) Material previously shown on Original Sheet No. 135.2 and 2nd Revised Sheet No. 136.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

(15) FGD 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 (e.g., 0-, 0+, 1+ 01, 011); service class codes (e.g., 500, 700, 800, 888, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel).

(16) (Reserved for Future Use)

(17) FGD 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 calls will be directed to for InterLATA service.

(18) FGD 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 code) originating calls to a specified number of transmission paths in a trunk group. (C)
(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

- (19) FGD may, at the option of the customer and with the concurrence of the Utility, be provided with an Operator Assistance Full Feature Arrangement as in (15). This arrangement provides, to the customer 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.

(T)(L)

(L)

(L) Material previously shown on 2nd Revised Sheet No. 137.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(D) Feature Group D - Continued

- (20) FGD 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 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.
- (21) 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.

(T)(L)

(L)

(L) Material previously shown on 2nd Revised Sheet No. 138.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(E) SAC Access Service

Service Access Code (SAC) Access Service is an originating service that is provided via SAC Access Service switched trunk groups, or may be provided with FGC or FGD. SAC Access Service may also be provided with BSA-C or BSA-D as shown in 4.2.2. When a 1+800-NXX-XXXX or 1+888-NXX-XXXX call is originated by an end user for 800/888 SAC Access Service, the 800/888 Customer Identification Function as described in 4.2.11, determines the customer to which the call is to be routed. When a 1+900-NXX-XXXX call is originated by an end user for 900 SAC Access Service, the 900 Customer Identification Function, as described in 4.2.12, determines the customer to which the call is to be routed based on the 900 NXX code dialed.

(T)

(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(E) SAC Access Service - Continued

(T)(L)

- (1) Service Access Code (SAC) Access Service is provided at Utility appropriately equipped end office or tandem switches.
- (2) Originating SAC Access Service is a trunk side switched service that is available to the customer via SAC Access Service trunk groups. The appropriate Customer Identification Function, as described in 4.2.11 and 4.2.12, must be ordered with each SAC Access Service trunk group. SAC Access Service traffic at the option of the customer can be carried on the same group with non-SAC Access traffic.
- (3) When a 1+N00-NXX-XXXX call is originated by an End User, the Utility will perform the 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) Material previously shown on 1st Revised Sheet No. 138.1.

(L)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(E) SAC Access Service - Continued

- (4) The manner in which SAC 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 capabilities or not equipped with equal access capabilities). When SAC 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 except when more than one tandem is employed in the transport of a SAC Access Service call.

When SAC 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 tandem is employed in the transport of a SAC Access Service call, Standard Transmission characteristics are not guaranteed.

(T)(L)

(C) |

(C) |

(L)

(L) Material previously shown on Original Sheet No. 138.2.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(E) SAC Access Service - Continued

- (5) For other than FGC or BSA-C, end offices that lack equal access or the Customer Identification Function capabilities, may only be served via an equal access tandem over FGD or BSA-D trunks or SAC Access Service trunk groups. For FGC or BSA-C, SAC Access Service can be provided through an existing trunk group or separate trunk group which handles SAC Access Service. SAC 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. SAC Access Service from an access tandem with nonequal access end offices can be provided on a FGC or BSA-C trunk group.

(T)(L)

(C) |

(C) |

(C) |

(C)(L)

(L) Material previously shown on Original Sheet No. 138.2.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(E) SAC Access Service - Continued

- (6) 900 SAC Access Service originating from equal access end offices with the 900 Customer Identification Function as described in 4.2.12, may be provided using the exchange access signaling with overlap outpulsing and ten digit ANI. 800/888 SAC Access Service originating from equal access end offices with the 800/888 Customer Identification Function described in 4.2.11, may be provided using exchange access signaling without overlap outpulsing and with ten digit ANI. SAC Access Service originating from equal access end offices without the customer identification 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.

(T)

(T)

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

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(E) SAC Access Service - Continued

- (7) For SAC Access Service traffic, originating from equal access end offices with the Customer Identification Function, FGD parameters as specified in 4.2.1(D) will apply or BSA-D parameters as specified in 4.2.2(D) apply. (C)
(C)

For SAC Access Service traffic, other than 800/888 SAC Access, originating from all other end offices, FGC parameters as specified in 4.2.1(C) will apply or BSA-C parameters as specified in 4.2.2(C). (C)
(C)

Utility switch and customer premise interface, as described in 4.2.3, for FGD or BSA-D also apply to SAC Access Service.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(F) 900 Access Service

- (1) 900 Service provides end users access to programs such as news, weather, financial information, entertainment and fund-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 Service 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 call to the proper IP.

(T)(L)

(L)

(L) Material previously shown on 1st Revised Sheet No. 138.5.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.1 Description of Feature Groups - Continued

(E) 900 Access Service - 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.
- (5) Blocking is available to the Utility's end users, under the terms and conditions found in Schedule Cal. P.U.C. No. A-38.
- (6) IP calls billed to a Utility calling card, third party calls billed to IP telephone numbers and collect calls to IP numbers 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.

(T)(L)

(L)

(L) Material previously shown on Original Sheet No. 138.6.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)

The Utility, under the ordering provisions in Section 3, at rates and charges specified in 4.6, will provide Lineside, Trunkside and Dedicated Network Access Link (DNAL) Switched Access Basic Serving Arrangements (BSAs) as follows:

(N)

(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.

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(N)

(A) BSA-A - Continued

(1) - Continued

BSA-A 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) 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) as shown in 4.2.22.

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

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(A) BSA-A - Continued

- (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 as described in 4.2.5(H). 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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(A) BSA-A - Continued

- (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, as discussed in 4.2.22, all BSA-A will be arranged for the same type of signaling.

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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(A) BSA-A - Continued

- (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 switch 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 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). 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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(A) BSA-A - Continued

(6) - Continued

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, 888, 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.

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 announcements.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(A) BSA-A - Continued

- (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)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(A) BSA-A - Continued

(9) - 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 as in 6.6 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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(A) BSA-A - Continued

- (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)
|
(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(B) BSA-B

Basic Serving Arrangement B (BSA-B), which is available to all customers, provides trunk-side access to Utility end office switches with an associated uniform 950-XXXX 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 the originating direction utilizing the end user access code of 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)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(B) BSA-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) as shown in 4.2.22.
- (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, as shown in 4.2.22, or Rotary Dial Station Signaling, as shown in 4.2.5(M), special routing and trunking arrangements may be required.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(B) BSA-B - Continued

- (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 as described in 4.2.5(H). 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)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(B) BSA-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 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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(B) BSA-B - Continued

(5) - Continued

BSA-B, when being used in the terminating and originating direction, are provided with multifrequency address signaling. At the option of the customer, Up to Seven 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 as described in 4.2.5(M), 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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(B) BSA-B - Continued

(6) - Continued

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 and other customer services by dialing the appropriate digits and other services when those 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-B arrangement provided.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(N)

(B) BSA-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.

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(B) BSA-B - Continued

(9) - Continued

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.

- (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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(B) BSA-B - Continued

(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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(B) BSA-B - Continued

(11) - Continued

Additional testing charges apply as in 6.6 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-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.

- (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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(B) BSA-B - Continued

- (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, as shown in 4.2.22, 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)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 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 Company 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.

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(C) BSA-C - Continued

- (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) as shown in 4.2.22.

- (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 as shown in 4.2.22 and 4.5.10, or Service Class Routing Arrangement, special routing and trunking arrangements may be required.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(C) BSA-C - Continued

- (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 as described in 4.2.5(H). 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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(C) BSA-C - Continued

- (5) BSA-C 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 reverive 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 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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(C) BSA-C - Continued

- (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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(C) BSA-C - Continued

- (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.
- (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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(C) BSA-C - Continued

(9) - 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.

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 800/888 Service. It is not provided from end offices for which the Utility needs to forward ANI to its recording equipment.

(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(C) BSA-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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(C) BSA-C - Continued

(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)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(C) BSA-C - Continued

(11) - 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 as in 6.6 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).

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(C) BSA-C - Continued

- (12) BSA-C may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.22, 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, 888, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel).
- (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.

(T)

Continued

Advice Letter No. 420
Decision No.

Issued By
Lida C. Tong, State Director
External Affairs

Date Filed JUL 03, 1996
Effective AUG 14, 1996
Resolution No.

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(N)

(C) BSA-C - Continued

(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

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(C) BSA-C - Continued

(15) - Continued

- (b) Operator Assistance-Noncoin Arrangements in all Utility end offices - Such arrangements provide routing of 0+, 0-, 1+, 01+, 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).

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(C) BSA-C - Continued

- (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)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 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 interstate communications capability or connections to an interexchange interstate 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.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-D - Continued

- (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 as shown in 4.2.22.
- (3) The Utility will select the trunking 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, as shown in 4.2.22, Service Class Routing Arrangement; Trunk Access Limitation Arrangement; or Operator Assistance Full Feature Arrangement, special routing and trunking arrangements may be required.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-D - Continued

- (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 as described in 4.2.5(H). 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)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-D - Continued

(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.

(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 as in 6.5 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. 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 as in 6.5 and 4.2.5(V). A single access code will be the assigned number for all BSA-D provided to the customer by the Utility.

(C)

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-D - Continued

(8) - Continued

In addition to the standard 101XXXX access code, the customer has the option to use 950-XXXX as an access code for BSA-D Switched Access Service. When the customer orders BSA-D Switched Access Service with 950-XXXX Access as described in 4.2.5(T), BSA-D switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as BSA-D switched access calls. (C)

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.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-D - Continued

- (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 as described in 4.2.22. 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)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-D - Continued

(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.

(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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-D - Continued

(11) - 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 as in 6.6 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)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-D - Continued

(11) - Continued

(d) When BSA-D, 800 or 888 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-000905. 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. (T)

(12) BSA-D may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.22, 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.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-D - Continued

(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, 888, 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.

(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.

(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.

(C)
(C)
(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-D - Continued

(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.

(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 Utility access tandem, only Type A is provided; c) Type A is provided on the transmission path from the Utility 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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.2 Description of Basic Serving Arrangements (BSAs)
- Continued

(D) BSA-D - Continued

- (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)
|
(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 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. (C)

The Switched Transport rate provides for the communication transmission path at the Utility Switching Office, including the Wire Center Switching and circuit equipment (e.g., signaling, transmission devices, padding, carrier channels, trunk ports, etc.), and that portion which extends beyond the Utility end office/access tandem and includes both the physical outside plant facilities and necessary transmission equipment (repeater, etc.) including that which is found at intermediate offices. The Switched Transport rate is usage sensitive.

Application of the Switched Transport rate is in 4.5.2(N)(1).

Continued

FACILITIES FOR INTRASTATE ACCESS

$$\begin{array}{c} \text{(T)(L)} \\ | \\ \text{(T)} \\ \text{(T)} \\ | \\ \text{(T)} \\ | \\ \text{(T)} \\ | \\ \text{(L)} \\ \text{(N)} \end{array}$$

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(A) General - Continued

- (4) The number of Switched Transport transmission paths provided between an end office switch and the first point of switching are determined by the Utility using standard traffic engineering methods. The number of Switched Transport transmission paths provided between the first point of switching and the CDL is determined:

- (a) by the customer, when ordering FGA or BSA-A, based on the number of lines ordered, or;

(C)

- (b) by the Utility, when the customer orders FGB, FGC, FGD, BSA-B, BSA-C, BSA-D or SAC Access Service, based on the BHMC using standard traffic engineering methods.

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements

(T)

The Interface Arrangement provides the interface between the Utility provided Switched Access and customer provided facilities at the point of termination at the CDL.

(N)

Switched Transport is provided in a number of separate interface Arrangements. Each Interface Arrangement provides a specified facility interface (e.g., two-wire, four-wire, DS1, etc.). Each High Capacity Analog or Digital Interface Arrangement listed following, is subject to the minimum capacity requirements when ordered as in 3.5.5. Provision of the Interface Arrangements and any Optional Arrangements may require placement of Utility equipment [e.g., supervisory signaling equipment as described in 4.2.3(C)(4)(a)] on the customer's premises.

(N)

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

(T)

(T)

(T)

(T)

(T)

Material omitted now shown on Original Sheet No. 96.1.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements (Continued)

The following standard Interface Arrangements (IA) are available as described in (C).

<u>IA</u>	<u>IA</u>
Two-Wire VF	DS1 Digital
Four-Wire VF	DS1C Digital
Group Analog	
Supergroup Analog	DS3 Digital
Mastergroup Analog	DS3C Digital

The number of Access Connection Interface Arrangements are based on the customer's order and are determined by the Utility.

(T)(L)
(T) |
|
|
|
(D) |
|
(C) |
|
(T) |
(L)

(L) Material previously shown on Original Sheet No. 96.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements - Continued

The number of Interface Arrangements provided is determined by the Utility based on the number of FGA or BSA-A lines, or the number of transmission paths required to meet the total BHMC ordered for FGB, FGC, FGD, BSA-B, BSA-C and BSA-D, and the type of Interface Arrangement ordered.

(C)
|
(C)

(1) Two-Wire Voice Frequency Interface Arrangement

- (a) The Two-Wire Voice Frequency Interface Arrangement, except as specified in (b), provides two-wire voice frequency transmission at the interface at the point of presence. The interface is capable of transmission 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 a utility access tandem. In addition, the two-wire interface arrangement is not provided in association with FGB or BSA-B when the first point of switching is a utility access tandem where two-wire terminations are not provided.
- (c) The transmission path between the points 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.

(C)

(C)

(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements - Continued

(1) Two-Wire Voice Frequency Interface Arrangement
Continued

- (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, and 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 as described in 4.2.3(C)(4). (C)

(2) Four-Wire Voice Frequency Interface Arrangement

- (a) The Four-Wire Voice Frequency Interface Arrangement provides four-wire voice frequency transmission at the interface at the point of presence. 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 and the first point of switching 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

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements - Continued

(2) Four-Wire Voice Frequency Interface Arrangement
Continued

- (c) The 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 signaling. 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 supervisory signaling as found in 4.2.3(C)(4). (C) (C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements - Continued (T)

(2) Four-Wire Voice Frequency Interface Arrangement
Continued

- (c) The 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 signaling. 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 supervisory signaling as described in 4.2.3(C)(4). (C)

(3) Group Analog Interface Arrangement

- (a) The Group Analog Interface Arrangement provides a group level analog transmission at the interface at the point of termination at the CDL subject to the limitations specified in 3.5. 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.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements - Continued

(3) Group Analog Interface Arrangement - Continued

(a) Continued

Between the serving wire center and the point of termination at the CDL, (T)
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 SF
supervisory signaling.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements - Continued (T)

(4) Supergroup Analog Interface Arrangement

- (a) The Supergroup Analog Interface Arrangement provides supergroup level analog transmission at the interface at the point of termination at the CDL subject to the limitations specified in 3.5. The interface is capable of transmitting electrical signals between the frequencies of 312 and 552 kHz, with the capability to multiplex up to 60 voice frequency transmission paths. (T)
(T)

Between the first point of switching and the point of termination at the CDL, 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)
(T)

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

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements - Continued (T)

(5) Mastergroup Analog Interface Arrangement

- (a) The Mastergroup Analog Interface Arrangement provides mastergroup level analog transmission at the interface at the point of termination at the CDL subject to the limitations in 3.5. 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. (T)
(T)

Between the first point of switching at the point of termination at the CDL, the Utility may, at its option, provide multiplex equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz to promote transmission efficiency, if required. (T)
(T)

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

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements - Continued (T)

(6) DS1 Digital Interface Arrangement

- (a) The DS1 Digital Interface Arrangement provides DS1 level digital transmission at the interface at the point of termination at the CDL subject to the limitations specified in 3.5. The interface is capable of transmitting electrical signals at 1.544 Mbps, with the capability to multiplex up to 24 voice frequency transmission paths. (T)
(T)

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 first point of switching, DS1 signals in D4 or D3 format. (T)
(T)

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

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements - Continued (T)

(7) DS1C Digital Interface Arrangement

- (a) The DS1C Digital Interface Arrangement provides a DS1C level digital transmission at the interface at the point of termination at the CDL subject to the limitations specified in 3.5. 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)

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 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 D4 or D3 format. (T)
(T)

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

(8) DS2 Digital Interface Arrangement

The Utility currently does not offer the DS2 interface.

(N)
|
(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements - Continued (T)

(9) DS3 Digital Interface Arrangement (T)

- (a) The DS3 Digital Interface Arrangement provides a DS3 level digital transmission at the interface at the point of termination at the CDL subject to the limitations specified in 3.5. 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)
(T)

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 first point of switching, DS1 signals in D4 or D3 format. (T)
(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.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(B) Interface Arrangements - Continued (T)

(10) DS3C Digital Interface Arrangement (T)

- (a) The DS3C Digital Interface Arrangement provides a DS3C level digital transmission at the interface at the point of termination at the CDL, subject to the limitations specified in 3.5. The interface is capable of transmitting electrical signals at 89.472 Mbps, with the capability to multiplex up to 1344 voice frequency transmission paths. (T)

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog transmissions are provided, the Utility may, at its option, provide multiplex equipment to derive up to 1344 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 D4 or D3 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.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(C) Optional Arrangements

- (1) Switched Transport facilities will be engineered and routed based on standard engineering methods, available facilities and equipment, and the Utility traffic routing plans. The Utility will work cooperatively with customers in providing design and traffic routing. If the customer is provided with FGB, FGC, FGD, BSA-B, BSA-C or BSA-D and desires Provision of Other Than Utility Selected Traffic Routing, it may specify the desired routing at rates and charges to be developed on an Individual Case Basis.

(C)

(C)

- (2) (Reserved for Future Use)

- (3) (Reserved for Future Use)

- (4) The Utility will provide Optional Arrangements in association with the Interface Arrangements listed in 4.2.3(B)(1) and (2). The provision of such Optional Arrangements may require placement of Utility equipment on the customer's premises. These Optional Arrangements are nonchargeable.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.3 Description of Switched Transport - Continued

(C) Optional Arrangements - Continued

(4) Continued

(a) Supervisory Signaling

A supervisory signaling capability is provided for each Interface Arrangement as listed in 4.2.3(B)(1) and (2). 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 Interface Arrangements (1) and (2).

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

For Interface Arrangement (2).

SF Supervisory Signaling arrangement, or
E&M Type III Supervisory Signaling arrangement. (T)

These optional supervisory signaling arrangements are unavailable with SS7 Out of Band Signaling as described in 4.2.5(A)(A).

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.4 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 end office. Standard Arrangements for End Office Services include End Office Switching 1 and End Office Switching 2.

End Office Services are provided in association with Switched Transport when ordered as described in Section 3. End Office Services will be provided as one of the following 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 the standard traffic engineering methods.

(C)
(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.4 Description of End Office Services - Continued

(A) General - Continued

(3) End Office Switching provides the following:

- (a) The facilities to terminate end user Common Lines in end office switches or Special Access Lines in WATS Serving Offices.
- (b) The end office switching functions necessary to complete a Switched Access communication to or from end user Common Lines or Special Access Lines served by the end office.
- (c) The termination of a call at a Utility intercept operator or recording. The operator or recording tells a caller why a call, as dialed, could not be completed, and if possible, provides the correct number.

Application of the End Office Switching charges are in 4.5.2(N)(5). Rates for End Office Switching are in 4.6.3.

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on 1st Revised Sheet No. 94.1.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on 1st Revised Sheet No. 94.2.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.3.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.4.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.5.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.6.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material previously shown on Original Sheet No. 94.7.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet Nos. 94.7 and 94.8.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material previously shown on Original Sheet No. 94.9.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet Nos. 94.10 and 94.11.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown in a different form on Original Sheet Nos. 94.12 and 94.13.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material previously shown on Original Sheet No. 94.13.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.14.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.15.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.16.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material previously shown on Original Sheet No. 94.17.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet Nos. 94.18 and 94.19.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.20.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.21.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.22.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.23.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material previously on Original Sheet No. 94.24.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.25.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.26.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.27.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.28.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet Nos. 94.29 and 94.30.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.31.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.32.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

(C)

Material omitted now shown on Original Sheet No. 94.33.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.34.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.35.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.36.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.37.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.38.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

(E) FGD - Continued

Material omitted now shown on Original Sheet No. 94.39.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.40.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.41.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.43.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.44.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet Nos. 94.45 and 94.46.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.46.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.47.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

(Reserved for Future Use)

(D)

Material omitted now shown on Original Sheet No. 94.48.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 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.

Unless otherwise noted, the End Office Services Optional Arrangements are nonchargeable.

(A) Alternate Traffic Routing

This option 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 the designated 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 CDL's 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.

This option is provided in suitably equipped end office or access tandem switches and is available with, FGB, FGC and FGD.

This option is available with BSA-B, BSA-C and BSA-D as a chargeable BSE as specified in 4.2.22 and 4.5.10.

Material omitted now shown on Original Sheet No. 139.1.

(N)
(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(B) Automatic Number Identification (ANI) Arrangement

This option provides the automatic transmission of a seven or ten digit number and information digit to the customer point of presence 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.

(L)
|
(L)

(L) Material previously shown on 1st Revised Sheet No. 139.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(B) Automatic Number Identification (ANI) Arrangement -
Continued

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. When FGD with SS7 Out of Band Signaling is specified, the customer may order an ANI equivalent by ordering the charge number optional feature as described in 4.2.5(A)(D). The ten digit ANI telephone number is only available with FGD. 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 the Utility recording for end user billing is not provided, or where it is not required, as with 800/888 Service. It is not provided from end offices for which the Utility needs to forward ANI to its recording equipment.

(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(B) Automatic Number Identification (ANI) Arrangement -
Continued

Where ANI cannot be provided (e.g., on calls from two (in some instances) or four 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 two (in some instances) or four party line and cannot be identified - number must be obtained via an operator or in some other manner.

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

(L) Material previously shown on 1st Revised Sheet No. 140.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(B) Automatic Number Identification (ANI) Arrangement -
Continued

(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. (T)

(4) (Reserved for Future Use)

(5) The configuration of the line requires special screening or handling by the customer, or

(6) Call is an Automatic Identified Outward Dialed (AIOD) call from end user terminal equipment.

These ANI information digits are available with FGB, FGC, and FGD only. The information below digits are available with FGD only:

(a) InterLATA Area restricted - telephone number is identified line.

(b) InterLATA Area restricted - line requires special screening or handling by the customer.

These information digits will be transmitted as agreed to by the customer and the Utility.

The ANI Arrangement is available with BSA-B, BSA-C and BSA-D as a chargeable BSE as specified in 4.2.22 and 4.5.10.

(N)
|
(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(C) Intra Access Area Call Denial on Line or Hunt Group

This option is provided with FGA and allows for the screening of terminating calls within the FGA Access Area, and for completion only of calls to 411, 611, 911, 800, 888, 555-1212, and a specified set of NXXs within the FGA Access Area. The set of NXX codes to which calls will be completed is selected by the FGA customer, in cooperation with the Utility, from those NXX codes within the local calling area of the end office where the FGA connection is provided. All other calls are routed to a reorder tone or recorded announcement. This arrangement is provided in Utility end offices, where available.

Material omitted now shown on Original Sheet Nos. 142.1 and 142.2.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements (Continued)

(D) InterLATA Call Denial on Line or Hunt Group

This option allows for the screening of terminating calls for completion only of calls within the LATA. All other calls are routed to an appropriate access announcement. Specifically, this option would block terminating calls to the following:

- InterLATA, dialed as either 7D, 10D, 1+7D, 1+10D, 950-XXXX, 101XXXX+7D or 101XXXX+10D.
- Service Access Codes (500, 700, 800, 888 and 900). (C)
- Operator, dialed as either 0+, 0- or 00.

This arrangement is provided in Utility end offices, where available. It is available with FGA as described in Section 4.5.2(B). Blocking of the 800 Service Access Code may not be available in all end offices where this arrangement is otherwise available.

(D)
Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements (Continued)

(E) Call Denial on Line or Hunt Group Outside the
Access Area

This option allows for the screening of terminating calls for completion only of calls within the Access Area. All other calls are routed to an appropriate access announcement. Specifically, this option would block terminating calls to the following:

- Outside the Access Area, dialed as either 7D, 10D, 1+7D, 1+10D, 950-XXXX, 101XXXX+7D or 101XXXX+10D.
- Service Access Codes (500, 700, 800 and 900).
- Operator, dialed as either 0+, 0- or 00.

(C)

This arrangement is provided in Utility end offices, where available. It is available with FGA as described in Section 4.5.2(B). Blocking of the 800 Service Access Code may not be available in all end offices where this arrangement is otherwise available.

(D)
Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(F) Dual Tone Multifrequency Address Signaling

This option allows reception of called party address signals from the customer in the form of Dual Tone Multifrequency (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 or uniform call distribution group will be so equipped. It is available with FGA or BSA-A. (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 as specified in 4.2.22 and 4.5.10. (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. (N)

(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. (N)

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(H) Customer 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)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(I) (Reserved for Future Use)

(J) 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.

(T)

(K) Nonhunting Number for Use with Uniform Call Distribution Arrangement

(C)

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 and terminating use for Special Access Lines. It can only be provided from suitably equipped stored program controlled switches.

(L) Operator Assistance Full Feature Arrangement

(T)

This option, which is available only on a direct trunking arrangement, provides the initial coin return control function to the customer'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)

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(M) Rotary Dial Station Signaling

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

(N) Service Class Routing

This option provides the capability of directing originating traffic from an end office to a CDL, based on the service prefix indicator (e.g., 0-, 0+, or 01+) or service access code (e.g., 500, 600, 700, 800, 888, or 900). It is provided in suitably equipped end office or Utility 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 4.2.20. Originating 800-NXX-XXXX or 888-NXX-XXXX calls are routed in accordance with the 800/888 Customer Identification Function as described in 4.2.11. (T)

(O) 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 FGA or BSA-A and can only be provided from suitably equipped stored program controlled switches. (T)
(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(P) Trunk Access Limitation

This option provides for the routing of originating 900 Service calls to a specified number of transmission paths in a trunk group, to limit (choke) the completion of such traffic to the customer. Calls to the designated service which could not be completed over the subset of transmission paths in the trunk group (i.e., the choked calls) would be routed to reorder tone. It is provided in all Utility end offices where available. It is available with FGC, FGD, BSA-C and BSA-D.

(Q) 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 customer.

Uniform Call Distribution is available with BSA-A as a chargeable BSE as specified in 4.2.22 and 4.5.10.

(R) Up to Seven Digit Outpulsing of Access Digits to Customer

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

(T)
(C)

(N)
(N)

(C)
Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(R) (Reserved for Future Use)

(S) (Reserved for Future Use)

(T) FGD and BSA-D Switched Access Service with 950-XXXX Access (C)

FGD or BSA-D Switched Access Service with 950-XXXX 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 or BSA-D switched access calls. (C)
(T)

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 a Utility 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 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 access tandem is multifrequency address signaling and the signaling from the Utility 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. (C)
(C)
(C)
(C)
(C)
(C)
(C)

(C)

(C)
Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(U) Operator Assistance for SAC Access Service

This option provides for operator completion of N00-NXX-XXXX type calls which are generated by an end user by dialing 0-. This option is available with SAC Access Service and with FGC, FGD, BSA-C and BSA-D which are used with SAC Access Service.

(C)
(T)

(V) Switched Access Interface

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

This arrangement is only available from Utility designated end offices which are identified as WATS Serving Offices (WSO) in NECA Tariff FCC No. 4. 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 WATS Serving Office that is technically equipped to provide such services. Special Access Transport charges as described in 5.5.1(B)(2) will be applicable to the WATS Serving Office appropriately equipped for the service feature requested.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(V) Switched Access Interface - Continued

The Switched Access portion of this arrangement is available from Section 4 of this tariff, except as described 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 5 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:

(1) Originating Only

The Intrastate 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, FGD, BSA-A, BSA-B, BSA-C or BSA-D switched access. It is provided in the following two arrangements:

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(V) Switched Access Interface - Continued

(1) Originating Only - Continued

(a) Restricted Geographic Screening
Arrangement - 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. This arrangement is not available for a Multi-jurisdictional traffic (combined interstate and intrastate) as described in 4.2.5(V)(1)(b).

(N)

(N)

Material omitted now shown on Original Sheet No. 147.11.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(V) Switched Access Interface - Continued

(1) Originating Only - Continued

(a) Restricted Geographic Screening
Arrangement - Originating Only - Continued

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

- the transporting of all intrastate 1+NPA-NXX-XXXX calls 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+700-NXX-XXXX, 1+800-NXX-XXXX, 1+888-NXX-XXXX and 1+900-NXX-XXXX calls;
- the blocking of all O+NPA-NXX-XXXX calls;

(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(V) Switched Access Interface - Continued

(1) Originating Only - Continued

(a) Restricted Geographic Screening
Arrangement - Originating Only - Continued

- the transporting of all calls originated by dialing 0 (zero) to the Utility operator.
- the transport of all calls originated by dialing 00 (zero, zero) to the IC (available only with FGD and BSA-D); and
- the blocking of all calls preceded by the access code 101XXXX.

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(V) Switched Access Interface - Continued

(1) Originating Only - Continued

(b) Unrestricted Arrangement - Originating Only

This arrangement is a multi-jurisdictional offering provided from a Utility 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-XXXX or 1+950-XXXX. The combining of interstate and intrastate will be in accordance with 4.2.5(V)(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 or designated intraLATA toll carrier;

(C)
(N)
|
(N)

* Fifteen (15) WATS Serving Offices (WSO) are not technically capable of providing originating or combined originating/terminating WATS Access Lines in connection with FGA or BSA-A. Should an ASR be received requesting service at such a location, the Utility will file a Petition for Waiver to offer a free WATS Access Line Extension to a WSO which can provide the service.

Material omitted now shown on 1st Revised Sheet No. 147.6.

(N)
|
(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(V) Switched Access Interface - Continued

(1) Originating Only - Continued

(b) Unrestricted Arrangement - Originating Only - Continued

- 1+800-NXX-XXXX or 1+888-NXX-XXXX calls to the carrier in accordance with the 800/888 Customer Identification Function described in 4.2.11;
- 1+900-NXX-XXXX calls to the carrier designated by the digits dialed;
- 0+NPA-NXX-XXXX calls to the IC or the designated intraLATA carrier;
- calls originated by dialing 0 (zero) to the Utility operator;
- calls originated by dialing 00 (zero, zero) to the IC (available only with FGD)
- calls originated by dialing 01 or 011 to the IC 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)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(V) Switched Access Interface - Continued

(1) Originating Only - Continued

(b) Unrestricted Arrangement - Originating
Only - Continued

Optional Access Code Arrangements

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

(C)

(2) 800/888 Type Terminating Only Feature

The 800/888 Type Intrastate 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 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 800/888 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 800/888 Type Terminating Only feature.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(V) 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.

Switched Access Interface Arrangements

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

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(V) 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 Section 4.2.5(V)(1)(b), 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 in GTOC Tariff FCC No. 1. The terms, conditions and rates for the intrastate Switched Access are in Section 4 of this tariff.

When the customer orders multi-jurisdictional WATS Access as described above, Special Access must be ordered from GTOC Tariff FCC No. 1, for the facility between the end user's premises and the WATS Serving Office. If the Utility's intrastate tariff provides for customer billing for these facilities, the customer will be exempt from the intrastate charge.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(W) (Reserved for Future Use)

(X) (Reserved for Future Use)

(Y) Switched Data Services

(1) Switched 56

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 service lines connected at those suitably equipped end offices will be accessed on a switched basis for digital transmission up to 56 Kbps. These locations are identified in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4 Wire Center and Interconnection Information. Normal FGD and BSA-D usage rates will apply to originating and terminating Switched 56 traffic.

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 in section 4.2.3(B)(6). 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 described in Sections 4.2.1(D)(8) and 4.2.2(D)(8).

Material omitted now shown on Original Sheet Nos. 147.10.2 and 147.10.3.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(Y) Switched Data Services - Continued

(N)

(2) Switched 64

This option provides for a connection capable of up to 64 Kbps digital transmission with Clear Channel Capability between the customer's CDL and a suitably equipped end office. 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 as described in Section 4.2.3(B)(6) 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. These locations are identified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4 Wire Center and Interconnection Information. Normal FGD or BSA-D usage rates will apply to originating and terminating Switched 64 traffic.

Access is made via the standard dialing pattern as described in Sections 4.2.1(D)(8) and 4.2.2(D)(8).

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(Y) Switched Data Services - Continued

(2) Switched 64 - Continued

(N)

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

Switched Data and Non-Switched Data traffic may not be combined on the same trunk group.

(Z)

(Reserved for Future Use)

(N)

(L)

(L) Material previously shown on 1st Revised Sheet No. 147.10.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(A)(A) 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, 500 SAC Access Service, 800/888 SAC Access Service and 900 SAC Access Service. CCS7 Access Service is provided pursuant to the rates, terms, and conditions found in GTE's interstate tariff. 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, 500 SAC Access Service, 800/888 SAC Access Service and 900 SAC Access Service equipped with SS7 Out of Band Signaling, are available with the following interface arrangements: DS1 Digital, DS1C Digital, DS3 Digital, and DS3C Digital. SS7 Out of Band Signaling is provided at suitably equipped Utility end office or access tandem switches. The technical specifications for SS7 Out of Band Signaling are described in Bellcore Technical Reference Publication TR-TSV-000905. (T) (T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(A)(B) 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. The technical specifications for CPN are described in Bellcore Technical Reference Publication TR-TSV-000905.

(A)(C) 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 101XXXX. The technical specification for CSP are described in Bellcore Technical Reference Publication TR-TSV-000905.

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.5 End Office Services Optional Arrangements - Continued

(A)(D) 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 as shown in 4.6. The CN parameter provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information. The technical specifications for CN are described in Bellcore Technical Reference Publication TR-RSV-000905.

(C)
|
(C)

4.2.6 Call Restriction and Code Screening Reports

The customer, when ordering Intra Access Call Denial on Line or Hunt Group, Service Class Routing or Trunk Access Limitation as described in 4.2.5, shall report the appropriate codes to be instituted in each end office switch.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.7 Installation and Acceptance Testing of Switched Access

- (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 CDL, and (b) will be installed by the Utility to such a point of termination.

(T)
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(T)(D)
|
(D)

- (B) At no additional charge, the Utility will at the customer's request cooperatively test, at the time of installation, loss, three-tone slope, DC continuity (when applicable) and operational signaling, when applicable. When the Interface Arrangement is established at the Utility's first point of switching, and the customer requests these tests, the Utility will perform the tests independently and provide the results to the customer. When the Interface Arrangement provides a four-wire voice transmission facility and the point of termination provides a two-wire voice transmission (i.e., there is a four-wire to two-wire conversion in the point of termination), echo balance (balance - echo return loss/equals level echo path loss) may also be tested.

(T)
(C)
(C)(N)
|
(N)
(T)

(T)
|
(T)(D)
(D)

Material omitted now shown on Original Sheet No. 148.1.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.7 Installation and Acceptance Testing of Switched Access -
Continued

(B) Continued

Additional charges will apply as described in 6.6 when: (a) the customer requests a test not specified above, or (b) the test requested is not essential to the installation of the particular Switched Access ordered.

(T)(L)
(T) |

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

(T) |

(T) |
(T) |
(L)

(L) Material previously shown on Original Sheet No. 148.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.8 Provision of Design Layout Report

The Utility will provide to the customer 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. (T)
This information will be reissued or updated whenever the makeup of the facilities provided to the customer are materially changed. (T)

4.2.9 Network Management

(T)

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

Outage credit will apply as specified in 2.4.4, 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.

(T)

(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.10 (Reserved for Future Use)

4.2.11 800/888 Customer Identification Function (T)

This function utilizes 800/888 Data Base Query Service, as described in 4.2.19, to screen all ten digits of all 800-NXX-XXXX or 888-NXX-XXXX type calls generated by end users to determine the customer to which the 800/888 call is to be routed. This function is provided with 800/888 SAC Access Service. (T)
|
(T)

4.2.12 900 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 customer to which the call is to be routed. This function is provided with SAC Access Service and with FGC, FGD, BSA-C and BSA-D.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.13 Design and Routing of Switched Access

The Utility shall work cooperatively with the IC to design and determine the routing of Switched Access including the selection of the first point of switching, selection of facilities from the point of switching to the CDL. The Utility shall also decide if capacity is to be provided by originating only, terminating only or two-way facilities unless the customer requests Customer Specification of Switched Access Directionality for the end office busy hour traffic capacity. Selection of facilities, equipment and routing of the Switched Access is based on standard engineering methods, facilities and equipment available and the Utility traffic routing plans. (C)
(T)

4.2.14 Provision of Switched Access Performance Data

Performance data for Switched Access will be made available to the customer, based on utility established intervals and availability. This data may include, but is not limited to, equipment blockage and failure results, ineffective attempt performance, transmission failures, and other service-related data. Any request for data or format that is not Utility standard will be handled on an Individual Case Basis.

(T)
(T)

(C)
|
(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.15 Transmission Performance

Each Switched Access transmission path is provided with a standard transmission performance. 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. In addition, Data Transmission Parameters may be ordered by the customer. The transmission performance parameters are found in Section 700 of the GTE Technical Interface Manual.

4.2.16 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 or BSA-A, no design blocking criteria apply.
- (B) For FGB, FGC, BSA-B, BSA-C and SAC Access Service, the design blocking objective will be no greater than one percent (.01) between the interface at the CDL and the first point of switching. Standard traffic engineering methods as described in reference document GTE Service Corporation Telephone Operations - Traffic Grade of Service Standards will be used by the Utility to determine the number of transmission paths required to achieve this level of blocking. (C)
- (C) For FGD or BSA-D the design blocking objective will be no greater than one percent (.01) between the CDL and the end office switch. Standard traffic engineering methods as described in reference document GTE Service Corporation Telephone Operations - Traffic Grade of Service Standards will be used by the Utility to determine the number of transmission paths required to achieve this level of blocking. (C)

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.16 Design Blocking Probability - Continued

(D) When FGB, FGC, FGD, BSA-B, BSA-C, BSA-D or SAC Access Service is ordered in trunks, the Utility cannot guarantee these design blocking probabilities. The Utility will perform routine measurement functions, except on FGA or BSA-A, to assure that an adequate number of transmission paths are in service. The Utility will recommend that additional capacity (BHMC or quantities of trunks) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables. (C)

(1) For FGB, FGC, BSA-B and BSA-C transmission paths carrying only traffic between a CDL and the first point of switching, or 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 of Measurements Per Trunk Group				(C)
	15-20 Measurements	11-14 Measurements	7-10 Measurements	5-6 Measurements	(C)
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	

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.16 Design Blocking Probability - Continued

(D) Continued

- (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: (C)

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Daily Busiest Hour for the Number of			
	Measurements Per Trunk Group	Measurements Per Trunk Group	Measurements Per Trunk Group	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	.040	.045	.055
5-6 .025	.035	.040	.045	
7 or more	.020	.025	.030	.040

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.17 Special Facilities Routing

A customer 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), as described in Section 9 apply.

4.2.18 Information Surcharge

(A) The Information Surcharge applies to each Switched Access minute of use (measured or assumed) and shall be assessed upon all customers that use local exchange 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 at rates specified in 4.6.4.

4.2.19 800/888 Data Base Query Service

800/888 Data Base Query Service, offered with 800/888 SAC Access Service, performs the 800/888 Customer Identification Function, as described in 4.2.11, to determine the customer to whom 800/888 calls must be routed. For all 1+800-NXX-XXXX or 1+888-NXX-XXXX calls originated by an end user, the Utility will perform the customer identification function using a Utility 800/888 Data Base to screen the dialed ten digits of the 800/888 calls to determine the customer selected by the 800/888 subscriber to carry that 800/888 call. If the 800/888 call originates from an end user 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 800/888 Data Base Query Service, the 800/888 call will be routed to the selected customer for completion.

(T)

(T)

(T)

(T)

(T)

(T)

(T)

(T)

(T)

(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.19 800/888 Data Base Query Service - Continued (T)

Basic 800/888 Data Base Queries provide instructions to route 1+800 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 800/888 call originates. (T)

Premium 800/888 Data Base Queries provide instructions to route 1+800-NXX-XXXX or 1+888-NXX-XXXX calls to: (T)

(A) Different customers based on time of day, day of the week, or based on number of calls allocated by 800/888 subscriber selected percentage. (T)

(B) Different terminating locations based on time of day, day of week, or based on number of calls allocated by 800/888 requirements. (T)

(C) Standard seven digit local exchange telephone numbers at the terminating end based on the 800/888 subscriber's specific requirements. (T)

The 800/888 subscriber is responsible for arranging the entry of the various routing instructions discussed herein into the Number Administration Service Center's Service Management System. (T)

Rate regulations and charges applicable to 800/888 Data Query Service appear in 4.5.2(H) and 4.6.3(A). (T)

4.2.20 500 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 with 500 SAC Access Service and with FGC, FGD, BSA-C and BSA-D. (T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.22 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 4.5.10 and 4.6.3.

(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 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

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.22 Basic Service Elements - Continued

(K) Billed 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® 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® 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.

4.2.23 IntraLATA Equal Access Recovery Charge

The IntraLATA Equal Access Recovery Charge is designed to recover those costs that the Utility incurs solely in connection with intraLATA equal access. 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 IntraLATA Equal Access Recovery Charge is found in 4.6.7.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.22 Basic Service Elements - Continued

(N)

(B) Automatic Number Identification (ANI) - BSE

This BSE provides the automatic transmission of a 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

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.22 Basic Service Elements - Continued

(N)

(B) Automatic Number Identification (ANI) - BSE - Continued

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 as described in 4.2.5(A)(D) at the rates for ANI-BSE as shown in 4.6. 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.

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.22 Basic Service Elements - Continued

(B) Automatic Number Identification (ANI) - BSE - Continued

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 800/888 Service. It is not provided from end offices for which the Utility needs to forward ANI to its recording equipment. (T)

Where ANI cannot be provided (e.g., on calls from 2, in some instances, 4 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 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 - number must be obtained by operator or in some other manner.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.22 Basic Service Elements - Continued

(N)

(B) Automatic Number Identification (ANI) - BSE - Continued

- (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 screening or handling by the customer.

These information digits will be transmitted as agreed to by the customer and the Utility.

(C) User Transfer - BSE

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.

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.22 Basic Service Elements - Continued

(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)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.22 Basic Service Elements - Continued

(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) (Reserved for Future Use)

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.22 Basic Service Elements - Continued

(H) Caller Identification - Number (ICLID) - BSE
(USOC - NUB)

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-A.

(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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.2.22 Basic Service Elements - Continued

(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 Switched Transport provided.

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 with it.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.3 Obligations of the Customer

4.2.20 500 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 with 500 SAC Access Service and with FGC and FGD.

4.3.1 On and Off-Hook Supervision

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

4.3.2 Order Requirements

The customer shall order all Switched Access in accordance with Sections 3, 4.3.2 and 4.3.3.

Switched Access capacity is measured at the Utility's first point of switching. ASRs for Switched Access must specify the number of lines, trunks or BHMC connecting the first point of switching to the CDL. Ordered quantities shall be specified by originating and terminating direction. Where the customer desires to segregate its originating traffic into separate trunk groups by type of traffic, the customer must specify the BHMCs by trunk group and by traffic type. For example, if a customer desires a separate trunk group to carry its 800/888 traffic, the order must specify the BHMCs associated with 800/888 traffic for that trunk group. In addition, the customer shall provide, when it orders FGB, FGC or FGD BHMC, its projected intrastate BHMC between the CDL and each end office in the Access Area. The customer shall provide, when it orders FGA lines, its projected intrastate traffic distribution by percent for each end office in the Access Area. If the customer fails to provide its traffic distribution, the Utility will use appropriate Utility traffic studies to project distribution by end office.

(T)

(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.3 Obligations of the Customer - Continued

4.3.2 Order Requirements - Continued

When FGA or BSA-A is ordered the customer shall specify whether or not the terminating traffic is to be restricted to the Access Area as described in 4.2.1, 4.2.2 and 4.2.5(C), (D) or (E) or extended beyond the Access Area (i.e., local calling area). If the customer wishes to extend the traffic beyond the FGA or BSA-A Access Area, Message Telecommunications Service rates will apply.

(C)

(T)

(C)

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 intrastate by traffic type. 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 as described in 4.3.3 and 4.5.2(J).

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.3 Obligations of the Customer - Continued

4.3.3 Jurisdictional Determination

(N)

For purposes of determining the jurisdiction of Switched Access traffic, once the Switched Access service is activated, the following criteria will apply:

- (A) When the Utility has measurement capability to provide the data to determine the jurisdiction of Switched Access traffic or if the Utility can reasonably estimate the jurisdiction based upon actual measurement data, the Utility will determine the jurisdiction of Switched Access traffic. In those instances where the Utility cannot determine the jurisdiction, the customer will be required to provide this information as described below.
- (B) To determine the jurisdiction of FGA and FGB Switched Access traffic the following criteria will apply:
 - (1) Traffic that enters a customer's network at a point within the same state as that in which the station designated by dialing is situated will be considered as intrastate.
 - (2) Traffic that enters a customer's network at a point in a state other than that in which the station designated by dialing is situated will be considered interstate.

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.3 Obligations of the Customer - Continued

4.3.3 Jurisdictional Determination - Continued

- | | | |
|------|---|-----|
| (C) | When determining the jurisdiction of Switched Access traffic provided via a BSA or BSE and the intrastate equivalent of the BSA or BSE is only available on a bundled feature group basis, intrastate usage will be prorated to the unbundled intrastate feature group equivalent of the BSA. | (N) |
| | | |
| (D) | If the customer provides jurisdictional information, the following requirements apply: | (N) |
|
 | | |
| (1) | The customer will provide quarterly reports indicating the percent of total GTE West Coast provided Switched Access usage that is interstate and intrastate. The reports may aggregate usage at a statewide level or below. | |
|
 | | |
| (2) | The reports will be based on the calendar year and will be due within fifteen days after the end of the quarter beginning with the completion of the first full quarter of service. | |
|
 | | |
| (3) | The customer will maintain records of call detail from which the jurisdictional determination is made. For verification purposes, the Utility may request that these records be made available for inspection and audit on not more than an annual basis. Such audit may be conducted by independent auditors if the Utility and the customer, or the customer alone is willing to pay the expense. | |

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.3 Obligations of the Customer - Continued

4.3.3 Jurisdictional Determination - Continued

(D) Continued

The quarterly reports will be used as the basis for prorating charges to the interstate and intrastate jurisdictions for the next three month's billing and will be effective on the first day of the next monthly billing period which begins at least 15 business days after the day on which the customer reports the revised jurisdictional information to the Utility.

In the event the customer fails to provide a report for one or more quarters, the Utility will use the most recently provided quarterly report for subsequent bills until the customer provides an update report.

No revisions to bills preceding the effective date of the revised jurisdictional information will be made based on this report.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

(D)

(D)

4.4 Payment Arrangements and Credit Allowances

4.4.1 (Reserved to Future Use)

(D)

(D)

4.4.2 Cancellation of Applications

A customer may cancel an application for Switched Access in accordance with the regulations and charges specified in Section 3.

(T)

(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.4 Payment Arrangements and Credit Allowances - Continued

4.4.3 Credit Allowances

Allowances for interruptions are found in 2.4.4.

4.5 Rate and Charge Regulations

4.5.1 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.

Switched Transport
Extended FGA Switched Transport
800/888 Data Base Query (N)

End Office Switching (D)

Information Surcharge (D)
IntraLATA Equal Access Recovery Charge

FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service are also subject to Network Blocking charges in 4.5.2(I).

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations

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

(A) Types of Rates and Charges

There are two types of rates and charges that apply to Switched Access. These are usage rates and nonrecurring charges. They are described as:

(1) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per Access Minute basis or they are applied on a per query basis either as basic or premium as described in 4.5.2(H).

(2) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity associated with the installation of service (including engineering) or change to an existing Switched Access Arrangement, Feature Group, or Basic Serving Arrangement

(C)
(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(A) Types of Rates and Charges - Continued

(2) Nonrecurring Charges - Continued

(a) Switched Access Ordering Charges

Switched Access Ordering Charges are associated with the work performed by the Utility in connection with the receiving, recording and processing of customer service requests. There are two types of service ordering charges.

(1) Initial Ordering Charge - Switched Access

This charge applies on a per ASR basis, including those requests to add additional lines or trunks (based on BHMCs ordered) or activate an existing trunk as a result of additional BHMCs ordered for an existing service.

Changes in name or ownership or transfer of responsibility 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. The Initial Ordering Charge - Switched Access and any appropriate Minimum Period Charges will apply per service change.

(N)

(N)

(D)

(D)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.5.2 Rate Regulations (Continued)

(A) Types of Rates and Charges (Continued)

(2) Nonrecurring Charges (Continued)

(a) Switched Access Ordering Charges (Continued)

(N)

(2) Subsequent Ordering Charge - Switched Access

This charge applies on a per ASR basis for modifications to an existing service. This would include activities such as:

- Changes and/or additions to end office services optional arrangements.
- The combination or splitting of FGA hunt groups.
- A move to a new point of termination within the same CDL.
- A change for rating purposes from one type of Transport to another (i.e., Special to Switched).
- Changes of a telephone number for FGA or Special Access Lines used with a Switching Interface.

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.5.2 Rate Regulations (Continued)

(A) Types of Rates and Charges (Continued)

(2) Nonrecurring Charges (Continued)

(a) Switched Access Ordering Charges (Continued)

(N)

(2) Subsequent Ordering Charge - Switched Access (Continued)

- The unblocking or blocking of 0+900 dialing capability on a per tandem level basis.
- The addition of Operator Services to an existing service.
- The addition of CPN Parameter, CSP Parameter and CN Parameter when ordered subsequent to the provision of SS7 Out of Band Signaling.
- Changes in FGD switched access and 800 SAC Access signaling from multifrequency address signaling to SS7 Out of Band Signaling.

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.5.2 Rate Regulations (Continued)

(A) Types of Rates and Charges (Continued)

(2) Nonrecurring Charges (Continued)

(a) Switched Access Ordering Charges (Continued)

(N)

(3) Administrative changes will be made without charge to the customer. Administrative changes are as follows:

- 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.
- Change of customer or customer's end user premise address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address or contact name or telephone number),
- Change in 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

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.5.2 Rate Regulations (Continued)

(A) Types of Rates and Charges (Continued)

(2) Nonrecurring Charges (Continued)

(b) 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 as described in 4.2.3(B). Design changes do not include a change of Switched Access Interface Arrangement or facility type, IC CDL, 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.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.2 Description of Switched Access - Continued

4.5.2 Rate Regulations (Continued)

(A) Types of Rates and Charges (Continued)

(2) Nonrecurring Charges (Continued)

(b) Design Change Charge (Continued)

(N)

The Design Change Charge for Switched Access Service in Section 4.6.1(C) 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 Ordering charges associated with the change requested. When the design change is on a pending ASR, the Initial Ordering Charge - Switched Access will apply. If the design change is to an existing service, the Subsequent Ordering Charge - Switched Access will apply.

If a change of service date is required, the Service Date Change Charge in 3.2.2(A) will also apply.

(B) Installation Charge for FGA Optional Toll Blocking Arrangements

This charge applies per FGA line equipped with either of the optional call blocking arrangements in Section 4.2.5(D) and (E); InterLATA Call Denial on Line or Hunt Group, or Call Denial on Line or Hunt Group Outside the Access Area. This charge applies in addition to applicable Switched Access Ordering Charges.

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(C) Minimum Monthly Charge

Switched Access is subject to a minimum monthly charge. The minimum charge applies for the total number of Switched Access (by type) provided to each end office. The minimum monthly charge consists of the following elements.

For usage rated Switched Access, the minimum monthly charge for the End Office Switching rate element is the charge, as specified in 4.6.3, times the actual usage, as adjusted per the provisions of Switched Access for Resale of Other IC services.

For Switched Transport rate element, the minimum monthly charge is assessed in terms of a Minimum Monthly Usage Charge (MMUC). If the actual Switched Transport usage charge for the month (adjusted) is higher than the MMUC, the IC pays the actual usage charge. If the Switched Transport usage charge is lower than MMUC, the IC pays the MMUC.

(C)
|
(C)

(D) Minimum Monthly Usage Charge (MMUC)

The MMUC is determined as follows:

$$\text{MMUC} = \text{Busy Hour Minutes of Capacity (BHMC)}^* \times \text{Total Day Conversion Factor (TDCF)} \times \text{Call Days in Month (CDM)} \times \text{Chargeable Minimum Factor (CMF)} \times \text{Switched Transport Rate (STR)} \times \text{Distance in Airline Miles (DAM)}$$

* BHMC is the number of Busy Hour Minutes of Capacity provided. For Feature Groups A and B the MMUC is based on an assumed 30 BHMC's per line or trunk.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(D) Minimum Monthly Usage Charge (MMUC) - Continued

BHMC - Busy Hour Minutes of Capacity ordered by an IC to carry the traffic of their end users to and from a specific end office.

TDCF = Factor to expand BHMC to Today Day Minutes = 8.

CDM = 27 days.

CMF = Percent Minimum Chargeable of GHMC ordered = 70X.

STR = RATES section, Switched Transport Rate.

DAM = Appropriate Distance in Airline Miles for the specific end office.

The MMUC billed to the IC will be based on the total number of BHMCs provided in and out of the end office.

(E) Change of Switched Access Type

Changes from one type of Switched Access to another including the change from Feature Group to Basic Serving Arrangement or the change from basic Serving Arrangement to Feature Group will be treated as a discontinuance of one type of FIA and start of another. Nonrecurring charges will apply, with one exception. When a customer upgrades a FGA, FGB or FGC to a FGD in the same end office, the nonrecurring charges will not apply. If however, optional features are added to the service at the time the conversion takes place, the nonrecurring charges for these additions will apply.

(C)
|
(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(F) Moves

A move involves a change in the physical location of the point of termination of Switched Transport. The charges for the move are dependent on whether the move is to a new location within the same CDL or to a different CDL. (T)

(1) Same CDL (T)

When a customer moves to a new location within the same CDL the charge for the move will be an amount equal to one half the nonrecurring charge for the Switched Transport. There will be no change in the minimum period requirements. (T)

(2) Different CDL (T)

Moves to a different CDL will be treated as a discontinuance and start of Switched Access and all associated nonrecurring charges will apply. New minimum period requirements will be established for the installed Switched Access. The customer will also remain responsible for all outstanding minimum period charges associated with the discontinued Switched Access. (T)

(T)
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(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

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

(1) (Reserved for Future Use)

(2) Subsequent Ordering Charges - Switched Access will apply for a change in FGD or BSA-D switched access and 800/888 SAC Access signaling from multifrequency address signaling to SS7 Out of Band Signaling. (T)

(3) Switched access ordering charges will not apply if Calling Party Number (CPN) Parameter, Carrier Selection Parameter (CSP), and/or Charge Number (CN) parameter are ordered at the same time as SS7 Out of Band Signaling is ordered with FGD or BSA-D. Subsequent Ordering Charges - Switched Access will apply if these optional features are ordered subsequent to the provision of SS7 Out of Band Signaling.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(H) 800/888 Data Base Query Service (T)

Query usage charges for 800/888 Data Base Query Service shown in 4.6.3(A) apply as follows: (T)

(1) A Basic 800/888 Data Base Query charge will apply for each basic 800/888 call query received at the Utility's 800/888 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis. (T)
(T)

(2) A Premium 800/888 Data Base Query charge will apply for each premium 800/888 call query received at the Utility's 800/888 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis. (T)
(T)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(I) Network Blocking Charge for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service (C)
(C)

The customer will be notified by the Utility to increase its BHMC capacity when excessive trunk group blocking occurs on groups carrying FGB, FGC, FGD, BSA-B, BSA-C BSA-D or SAC Access Service traffic and the measured Access Minutes for the Daily Busiest Hour exceed the capacity purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on Daily Busiest Hour measurements for four contiguous weeks using the five highest traffic days of the week, excluding national holidays. The Utility will not bill the customer a Network Blocking Charge if additional capacity is available and the ASR for additional capacity is received by the Utility within 15 days of the notification. The Utility will bill the customer 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, at the rate in 4.6.1(B), for each overflow in excess of the blocking threshold when (1) the Daily Busiest Hour average blocking for the four contiguous weeks exceeds the threshold level and (2) the average originating or two-way usage measured for these same hours exceeds the Switched Access capacity purchased. (C)

Blocking Thresholds

Trunks in Service	1%	1/2%
1-2	.070	.045
3-4	.050	.035
5-6	.040	.025
7-or more	.030	.020

Continued

Advice Letter No. 410
Decision No.

Issued By
Lida C. Tong, State Director
External Affairs

Date Filed JAN 02, 1996
Effective FEB 29, 1996
Resolution No.

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

- (I) Network Blocking Charge for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service - Continued (C)

The one percent blocking threshold is for FGB, FGC, BSA-B, BSA-C and SAC Access Service transmission paths carrying traffic between a CDL and the first point of switching, or FGD or BSA-D transmission paths carrying traffic direct between a CDL and an end office. The one-half percent blocking threshold is for FGD or BSA-D transmission paths carrying traffic between a CDL and an end office via an access tandem. (C)

- (J) Determination of Intrastate Charges for Mixed Interstate and Intrastate Switched Access (C)

When mixed interstate and intrastate Switched Access Service is provided, all charges will be prorated based on the jurisdictional distribution of access minutes as described in 4.3.2 and 4.3.3. The portion of a Switched Access Service to be charged as intrastate is determined in the following manner:

Multiply the percent intrastate use times the total usage, either measured or assumed, rounded to whole access minutes times the appropriate tariff rate element.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(K) Local Dial-It Services

Customers will be billed charges for terminating Switched Access calls to certain community information services, for which rates are applicable in the Utility's exchange service tariffs (e.g., 976 Dial-It Network Services).

(L) Local Directory Assistance

Terminating Switched Access calls dialed to Directory Assistance will be rated under the applicable rates for the Switched Access in 4.6. In addition, the charge per call to Directory Assistance as described in Utility's exchange service tariffs may also apply.

(L)
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(T)
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(T)
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(T)
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(T)(L)

(L) Material previously shown on Original Sheet No. 165.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(M) (Reserved for Future Use)

(N) Application of Rates

(1) Determination of Rates

Switched Transport, End Office Switching and Information Surcharge rates are applied on a usage sensitive basis at the rates specified in 4.6.

(C)

End Office Switching rates apply as either Switching 1 or Switching 2. The specific rate application is dependent upon the Feature Group and Basic Serving Arrangements and the capabilities in the end office to which the service is provided. The basis for applying the End Office Switching rates is as follows:

(C)

(a) The Switching 1 rate applies to all Access Minutes (measured or assumed) generated by FGA, FGB, BSA-A and BSA-B.

(b) The Switching 2 rate applies to all FGC,FGD BSA-C and BSA-D Access Minutes.

(T)

(T)

Material omitted now shown on 1st Revised Sheet No. 166.1.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(N) Application of Rates - Continued

(2) Switched Transport

(T)(L)

The Switched Transport rate is determined as follows:

(N)

- (a) The Switched Transport rate is applied on a per access minute, per airline mile basis.
- (b) (Reserved for Future Use)
- (c) The Extended FGA Switched Transport rate applied per terminating access minute extended beyond the FGA Access Area (i.e., local calling area), however inside the LATA, as described in 4.5.2(N)(3).

(3) Extended FGA Terminating Traffic

- (a) For calls established on a 1+ basis outside the specific FGA Access Area, however inside the LATA, with terminating FGA traffic to an end office equipped with equal access capabilities, the following rates apply for each access minute of each such call:
 - the rate for End Office Switching 2 in 4.6.3 and Information Surcharge in 4.6.4.
 - The Extended FGA Switched Transport rate in 4.6.2(C).

(L) Material previously shown on 3rd Revised Sheet No. 166.
Material omitted now shown on Original Sheet No. 166.3.

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(N) Application of Rates

(3) Extended FGA Terminating Traffic - Continued

(N)

(a) Continued

For calls established on a 1+ basis, outside the specific FGA Access Area, however inside the LATA, with terminating FGA traffic to an end office not equipped with equal access capabilities, the following rates apply for each access minute of each such call:

- the rates for End Office Switching 1 in 4.6.3 and the Information Surcharge in 4.6.4.
- The Extended FGA Switched Transport rate in 4.6.2(C).

- (b) When FGA terminating traffic is outside the LATA, as described in 4.2.4(B)(6), Switched Access rate elements in 4.6.3 and 4.6.4 will be billed to the FGA customer for the terminating interLATA access function provided via the FGA connection, and Switched Access rate elements in 4.6.2, 4.6.3 and 4.6.4 will be billed to the IC providing the interLATA service to the FGA customer for the originating interLATA access function.

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(N) Application of Rates - Continued

(4) Equal Access Notification

The Utility will provide written notification to all its customers of record within a particular LATA when an end office in that LATA is scheduled to be converted to an equal access end office. This notification will be sent, via U.S. Mail, to each customer of record in the LATA where the conversion is scheduled to occur, at least twelve months in advance of the conversion date.

(L)
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(L)

(L) Material previously shown on Original Sheet No. 166.1.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(N) Application of Rates - Continued

(4) Equal Access Notification - Continued

The customer will have the choice of converting existing services to equal access (i.e., Feature Group D or BSA-D) at no charge or retaining the existing services (with the exception of FGC or BSA-C). The Switching 2 rate will apply to the total Access Minutes beginning on the actual conversion date, when the customer chooses to convert to FGD or BSA-D or retains existing service.

(C)
|
(C)

(5) NXX Translation Nonrecurring Charge

(C)

The NXX Translation Nonrecurring Charge in 4.6.1(F) shall apply to each 500 NXX code activated or deactivated in a 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.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(O) Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Utility at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Utility to determine the basis for computing chargeable access minutes. For terminating calls over FGA, FGB, FGC, BSA-A, BSA-B, BSA-C (to SAC Access and Directory Assistance Services) and FGD or BSA-D, the measured access minutes are the chargeable access minutes. For originating calls over FGA, FGB, BSA-A and BSA-B the chargeable access minutes are measured access minutes.

For originating calls over FGC or BSA-C, chargeable access minutes are derived from measured access minutes through the use of a Utility factor.

(C)

(C)

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(O) Measuring Access Minutes - Continued

FGA or BSA-A access minutes or fractions thereof, 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. FGB, FGC, FGD, BSA-B, BSA-C and BSA-D access minutes or fractions thereof, are accumulated over the billing period for each office, and are then rounded up to the nearest access minute for each end office. The exact value of the fraction is a function of the switch technology where the measurement is made. (C)

When measurement capability for FGA, FGB, BSA-A and BSA-B is not available, access minutes shall be assumed as described in (3). (C)

When usage data is required for a specific end office in an Access Area with multiple end offices, and usage to that office cannot be measured, a portion of total usage will be allocated to the specific end office based upon the portion of subscriber lines served by that end office. (C)

(1) Feature Group A and BSA-A Usage Measurement

For originating calls over FGA or BSA-A, usage measurement begins when the FGA or BSA-A first point of switching receives an off-hook supervisory signal forwarded from the CDL. Where FGA or BSA-A is used for MTS Access this off-hook signal is generally provided by the customer's equipment. Where FGA or BSA-A is used for FX/ONAL-type services, the off-hook signal is generally forwarded by the customer's equipment when the called party answers. (C)

(C)

(C)

(C)

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(O) Measuring Access Minutes - Continued

(1) Feature Group A and BSA-A Usage Measurement - Continued

(C)

The measurement of originating call usage over FGA or BSA-A ends when the FGA or BSA-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 CDL, whichever is recognized first by the first point of switching. Except that, if the on-hook supervisory signal received from the CDL is preceded by a switchhook flash signal from the CDL which transfers the call supervision function to the terminating end user's end office, the measurement of originating call usage over FGA or BSA-A ends when the originating FGA or BSA-A first point of switching receives an on-hook supervisory signal from either the originating end user's end office, indicating that the originating end user has disconnected, or the terminating end user's end office, indicating that the terminating end user has disconnected, whichever is recognized first by the FGA or BSA-A first point of switching.

(C)

(C)

(C)

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(O) Measuring Access Minutes - Continued

(1) Feature Group A and BSA-A Usage Measurement - Continued

(C)

For terminating calls over FGA or BSA-A, usage measurement begins when the FGA or BSA-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 FGA or BSA-A ends when the terminating FGA or BSA-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 CDL, whichever is recognized first by the first point of switching.

(C)

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(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(O) Measuring Access Minutes - Continued

(2) Feature Group B and BSA-B Usage Measurement (C)

For originating calls over FGB or BSA-B, usage measurement begins when the (C)
FGB or BSA-B first point of switching receives answer supervision forwarded (C)
from the CDL, indicating the customer's equipment has answered.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(O) Measuring Access Minutes - Continued

(2) Feature Group B and BSA-B Usage Measurement - Continued

(C)

The measurement of originating call usage over FGB or BSA-B ends when the FGB or BSA-B first point of switching receives disconnect supervision from either the originating end office switch, indicating the originating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching.

(C)

For terminating calls over FGB or BSA-B, usage measurement begins when the FGB or BSA-B first point of switching receives answer supervision from the end office switch, indicating the terminating end user has answered.

(C)

The measurement of terminating call usage over FGB or BSA-B ends when the FGB or BSA-B first point of switching receives disconnect supervision from either the end office switch, indicating the terminating end user has disconnected, or at the CDL, whichever is recognized first by the first point of switching.

(C)

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(O) Measuring Access Minutes - Continued

(3) Usage Measurement Not Available For FGA, FGB, BSA-A and BSA-B

(C)
(C)

When originating and/or terminating measurement capability does not exist, the number of access minutes per FGA or BSA-A line or FGB or BSA-B trunk, per month, will be assumed based on the following:

(C)

- A single monthly surrogate of assumed minutes per two-way line/trunk per month shall be 3080 for FGA or BSA-A FCO/ONAL lines and 9000 for FGA or BSA-A lines or FGB or BSA-B trunks. For FGA or BSA-A lines, the terminating assumed usage will be 47% of the two-way surrogate and the originating assumed usage will be 53% of the two-way surrogate. For FGB or BSA-B trunks, the terminating assumed usage will be one half of the two-way surrogate and the originating will be one half of the two-way surrogate.

(C)
|
(C)

- When measurement capabilities do not exist for a one way FGA or BSA-A line or FGB or BSA-B trunk, a single monthly surrogate of assumed minutes per one way line/trunk per month shall apply as described above.

(C)

- When measurement capabilities do not exist in one direction for a two-way line (e.g., recording for terminating only) the number of access minutes per line, per month will be the assumed surrogate for a two-way line or the recorded usage for the single direction, whichever is greater.

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(O) Measuring Access Minutes - Continued

(3) Usage Measurement Not Available For FGA, FGB, BSA-A and BSA-B - (C)
Continued (C)

- In the event of measurement equipment failure, minutes of use will be determined as follows:

For the initial month of service, FGA, FGB, BSA-A or BSA-B minutes will (C)
be assumed as indicated above unless actual usage recorded prior to (C)
the failure is greater than the assumed usage.

For subsequent months, the greater of 1) actual usage recorded prior to
the failure, or 2) the average of the three month current months' usage
(or less if three months are not available) will be used.

(4) Feature Group C and BSA-C Usage Measurement

For originating calls over FGC or BSA-C, usage measurement begins when the
originating FGC or BSA-C first point of switching receives answer supervision
from the CDL, 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.

(C)
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(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(O) Measuring Access Minutes - Continued

(4) Feature Group C and BSA-C Usage Measurement - Continued (C)

For originating calls over FGC or BSA-C, measured access minutes are converted into chargeable access minutes using the following equation and factor: (C)

Originating Minutes = conversation minutes + (factor x quantity of completed message).

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 FGC or BSA-C ends when the FGC or BSA-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 CDL, whichever is recognized first by the first point of switching. (C)
(C)

For terminating calls over FGC or BSA-C to services other than SAC Access or Directory Assistance, terminating FGC or BSA-C usage is not directly measured at the first point of switching, but is derived from originating usage, excluding usage from calls to SAC Access or Directory Assistance Services.

(C)

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(O) Measuring Access Minutes - Continued

(4) Feature Group C and BSA-C Usage Measurement - Continued (C)

Terminating call usage over FGC or BSA-C, other than SAC Access, and
Directory Assistance, are imputed from originating usage as follows: (C)

Terminating 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 or BSA-C to SAC Access or Directory Assistance
Service, usage measurement begins when the FGC or BSA-C first point of
switching receives answer supervision from the end office switch, indicating the
terminating SAC Access Service end user has answered, or from the Directory
Assistance Service location, indicating the Directory Assistance operator has
answered. (C)

The measurement of terminating call usage over FGC or BSA-C to SAC Access
or Directory Assistance Services ends when the FGC or BSA-C first point of
switching receives an on-hook supervisory signal from the end office switch,
indicating the terminating SAC Access Service end user has disconnected, or
from the Directory Assistance location, indicating the Directory Assistance
operator has disconnected, or from the CDL, whichever occurs first. (C)

(C)
(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(O) Measuring Access Minutes - Continued

(5) Feature Group D and BSA-D Usage Measurement (C)

For originating calls over FGD or BSA-D with multifrequency (MF) signaling, (C)
usage measurement begins when the FGD or BSA-D first point of switching (C)
receives the first wink supervisory signal forwarded from the CDL. (C)

For originating calls over FGD or BSA-D with SS7 out of (N) Band Signaling, (C)
usage measurement for direct trunks begins when the FGD or BSA-D first point (C)
of switching sends an Initial Address message. Usage measurement for tandem (C)
trunks begins when the FGD or BSA-D first point of switching receives an Exit (C)
Message. (C)

The measurement of originating call usage over FGD or BSA-D with MF (C)
signaling ends when the FGD or BSA-D first point of switching receives (C)
disconnect supervision from either the end office switch, indicating the originating (C)
end user has disconnected, or the CDL, whichever is recognized first by the first (C)
point of switching. (C)

The measurement of originating call usage over FGD or BSA-D with SS7 Out of (C)
Band Signaling ends when a Release Message is sent or received by the (C)
originating end user's end office, whichever occurs first.

For terminating calls over FGD or BSA-D with MF signaling or with SS7 Out of (C)
Band Signaling, usage measurement begins when the FGD or BSA-D first point (C)
of switching receives answer supervision from the end office switch, indicating (C)
the terminating end user has answered. (C)

(C)

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(O) Measuring Access Minutes - Continued

(5) Feature Group D and BSA-D Usage Measurement - Continued (C)

The measurement of terminating call usage over FGD or BSA-D with MF signaling ends when the FGD or BSA-D first point of switching receives disconnect supervision from either the end office switch, indicating the terminating end user has disconnected, or the CDL, whichever is recognized first by the first point of switching. (C)

The measurement of terminating call usage over FGD or BSA-D with SS7 Out of Band Signaling ends when the FGD or BSA-D first point of switching receives or sends a Release Message, whichever occurs first. (C)

(6) SAC Access Service Usage Measurement (C)
(C)

SAC Access Service usage measurement shall be in accordance with the regulations for FGC, FGD, BSA-C and BSA-D. Specifically, for usage originating from end offices not equipped with equal access capabilities, access minutes shall be measured in the same manner in which FGC or BSA-D access minutes are measured. For usage originating from end offices equipped with equal access capabilities, access minutes shall be measured in the same manner in which FGD or BSA-D access minutes are measured.

(C)

(C)

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.2 Rate Regulations - Continued

(P) FGD and BSA-D Switched Access Service with 950-XXXX Access (C)

When a customer orders FGD or BSA-D Switched Access Service with 950-XXXX Access, as described in 4.2.5(T), to be included with the installation of new FGD or BSA-D switched access facilities, appropriate Switched Access Installation Charges and Switched Access Ordering Charges will apply for the installation of the new FGD or BSA-D switched access facilities. (C)

When a customer orders FGD or BSA-D Switched Access Service with 950-XXXX Access to be added to an existing FGD or BSA-D 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. (C)

4.5.3 (Reserved for Future Use) (C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.3 (Reserved for Future Use)

(D)

(D)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.3 (Reserved for Future Use)

(D)

(D)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.3 (Reserved for Future Use)

4.5.4 Application of Rates for Pure Resellers of WATS and WATS-type Services

Pure resellers are customers that gather the originating InterLATA traffic of end users for the purpose of completing those InterLATA calls solely via resold WATS or WATS-type services, and are not facilities-based customers.

In lieu of FGA or BSA-A Switched Access rates, an Individual Reseller Line (IRL) rate in 4.6.5 will apply for each line-side facility provided to the pure reseller customer. The IRL is subject to the terms and conditions in the Utility's local exchange service tariffs for the individual business line service for the exchange in which it is provided, except that the end user common line charge will not apply to the IRL.

(C)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.5 Application of Rates for FGA or BSA-A Extension Service (C)

FGA or BSA-A is available with extensions (i.e., additional terminations of the service at different building(s) in the same LATA). FGA or BSA-A extensions within the LATA are provided and charged for as Special Access. The rate elements which apply are Special Transport (from the extension bridging point to the wire center serving the CDL), and the Special Access Lines. All appropriate monthly rates and nonrecurring charges are specified in the Special Access section. (C)

4.5.6 (Reserved for Future Use)

4.5.7 (Reserved for Future Use)

4.5.8 (Reserved for Future Use)

4.5.9 (Reserved for Future Use)

(N)
|
(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.10 Basic Service Elements (BSEs)

(N)

Recurring rates and charges for Basic Service Elements (BSEs) in 4.2.22 are applied as discussed in 4.5.2(N)(1). The Switched Access Ordering Charge will not apply when a customer orders BSEs with the establishment of a Basic Serving Arrangement (BSA) or the conversion of a feature group to a BSA. The application of monthly recurring charges, nonrecurring charges or usage rates to BSEs are as follows.

(A) Alternate Traffic Routing - BSE

Nonrecurring charge in 4.6.3 apply per trunk group equipped.

(B) Automatic Number Identification (ANI) - (BSE)

Usage rates in 4.6.3 apply per ANI attempt.

(C) User Transfer

Monthly recurring charge in 4.6.3 apply per line or trunk arranged.

(D) Hunt Group Arrangement - BSE

Charge found in Local Exchange Tariff.

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.5 Rate and Charge Regulations - Continued

4.5.10 Basic Service Elements (BSEs) - Continued

(E) Queuing - BSE

Monthly recurring charge in 4.6.3 apply per group equipped.

(F) Uniform Call Distribution - BSE

Monthly recurring charge in 4.6.3 apply per line equipped.

(G) (Reserved for Future Use)

(H) Remote Call Forwarding - BSE

Charge found in Local Exchange Tariff.

(I) Direct Inward Dialing (DID) - BSE

Charge found in Local Exchange Tariff.

(J) Billed Number Screening (BNS) - BSE

Monthly recurring charges in 4.6.3 apply per line screened.

(N)

(N)

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.6 RATES

4.6.1 Nonrecurring Charges

Charges

(A)	(Reserved for Future Use)		(D)
(B)	<u>Switched Access Service Ordering Charges</u>		(N)
	Ordering Charge - Switched Access		
	Initial	\$267.02	
	(SESCL)		
	Subsequent	253.92	
	(SESBX)		
(C)	Design Change Charge, per ASR per occurrence (H28)	60.22	(N)
(D)	Network Blocking Charge, applies to FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service Per Call	.032	(T) (C) (C)
(E)	FGA and BSA-A Optional Toll Blocking		(N)
	Per FGA or BSA-A Line	7.37	(N)
(F)	<u>500 NXX Translation Charge</u>		
	First NXX, Per ASR/Per End Office (NW51X)	21.00	(T)
	Each Additional NXX, Per ASR/ Per End Office (NX5AW)	11.00	

Material omitted now shown on 6th Revised Sheet No. 179.1.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4.	<u>SWITCHED ACCESS</u> - Continued		
4.6	<u>RATES</u> - Continued		
4.6.2	<u>Switched Transport</u>		(L)
		<u>Rate</u>	
(A)	<u>Switched Transport</u>		(L)
	Per Access Minute Per Minute Mile	\$.0001964	(L)
(B)	(Reserved for Future Use)		(N)
(C)	<u>Extended FGA and BSA-A Switched Transport</u>		
	For FGA or BSA-A Per Access Minute	.0197636	(N)
4.6.3	<u>End Office Services</u>		(T)
(A)	<u>800/888 Data Base Query</u>		
	Basic and Premium 800/888 Data Base Query charge per query	.0067	(T)
(B)	End Office Switching		(T)
	The rates for End Office Switching are for originating and terminating Access Minutes.		(C)
		<u>Per Access Minute</u>	
			(D)
(1)	End Office Switching - Bundled (EOSB)		(T)
(a)	Switching 1	.01231569	
(b)	Switching 2	.01894722	
(2)	End Office Switching - Unbundled (EOSU)		
(a)	Switching 1	.01231569	
(b)	Switching 2	.01894722	
			(D)
(L) Material previously shown on 3rd Revised Sheet No. 179. Material omitted now shown on 3rd Revised Sheet No. 179.2.			

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS - Continued

4.6 RATES - Continued

4.6.3 End Office Services - Continued

(C) (Reserved for Future Use)

(D) (Reserved for Future Use)

Nonrecurring
Charge

(L)

(E) Alternate Routing - BSE

(L)

Per Trunk Group Equipped

\$65.01

Rate

(F) Automatic Number Identification (ANI) - BSE

Per ANI Attempt

\$.0001400

(G) User Transfer - BSE

Per Line/Trunk Arranged

1.09

(H) (Reserved for Future Use)

(I) Queuing - BSE

Per Group Equipped

4.50

(J) Uniform Call Distribution - BSE

Per Line Equipped

4.84

(L) Material previously shown on 5th Revised Sheet No. 179.1.
Material omitted now shown on Original Sheet No. 179.3.

Continued

SCHEDULE NO. AC - 2

FACILITIES FOR INTRASTATE ACCESS

4.	<u>SWITCHED ACCESS</u> - Continued		
4.6	<u>RATES</u> - Continued		
		<u>Rate</u>	
4.6.4	<u>Information Surcharge</u>	\$.00218807	
4.6.5	<u>Individual Reseller Line Service</u>		
		<u>Monthly Rate</u>	
	(A) Individual Reseller Line, each	\$33.70 *	
4.6.6	<u>Blocking Cost Recovery Charge</u>		<u>Rate</u>
	Per 900 access minutes of use #	\$.020	
4.6.7	<u>IntraLATA Equal Access Recovery Charge</u>		
	Per Originating Access Minute	.00	(R)

* In addition, multi-element Service Connection charges in Schedule Cal. P.U.C. No. A-6 will apply.

As authorized in Decision No. 91-04-065.

Continued