Section: 6 Leaf: 1 Revision: 1 Superceding Revision: 0

### ACCESS SERVICE SECTION 6 Switched Access Service

#### 6.1 <u>General</u>

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point communications path between a customer designated premises and an end user's premises. It provides for the use of common terminating, switching, and trunking facilities and for the use of common subscriber plant of the Telephone Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer designated premises, and to terminate calls from a customer designated premises to an end user's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in 6.1.3 and 6.5 through 6.9 following.

Rates and charges for Switched Access Service are set forth in 17.2 following. The application of rates for Switched Access Service is described in 6.4 following. Rates and charges for services other than Switched Access Service, e.g., a customer's interLATA toll message service, may also be applicable when Switched Access Service is used in conjunction with these other services. Descriptions of such applicability are provided in 6.4.5, 6.4.9, 6.5.1(H), 6.5.3, 6.6.1(G), 6.6.2(D), 6.7.1(F), and 6.8.1(E) following. Finally, a credit is applied against line side Switched Access Service charges as described in 6.4.8 following.

#### 6.1.1 Description and Provision of Switched Access Service Arrangements

(A) <u>Description</u>

Switched Access Service is provided in four different Feature Group arrangements which are service categories of standard and optional features. These are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company first point of switching. They are also differentiated by optional feature availability and the manner in which the end user accesses them in originating calling, e.g., with or without access codes of various lengths and digits.

The provision of each Feature Group requires Local Transport facilities, including (N) an Entrance Facility where required and the appropriate End Office functions. (N)

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 15.1.2 following.

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# ACCESS SERVICE SECTION 6 Switched Access Service

#### 6.1 <u>General</u> (Cont'd)

#### 6.1.1 <u>Description and Provision of Switched Access Service Arrangements</u> (Cont'd)

#### (A) <u>Description</u> (Cont'd)

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer designated premises. Terminating calling permits the delivery of calls from the customer designated premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various optional features associated with Local Transport, Common Switching and Transport Termination available with the Feature Groups. In addition, the Interim NXX Translation and Operator Transfer Service optional features are available with Feature Group C and Feature Group D.

There are various optional features associated with Local Transport, Common Switching and Transport Termination available with the Feature Groups. In addition, the Interim NXX Translation and Operator Transfer Service optional features are available with Feature Group C and Feature Group D. The Common Switching and Transport Termination optional features, which are described in 6.9 following, unless specifically stated otherwise, are available at all Telephone Company end office switches.

(B) <u>Manner of Provision</u>

Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). FGA Access and FGB Access are furnished on a per-line or per-trunk basis respectively. FGC Access and FGD Access are furnished on a BHMC basis. FGD may also be provided to customers other than MTS/WATS providers on a per trunk basis as set forth in 5.2 preceding.

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## ACCESS SERVICE SECTION 6 Switched Access Service

# 6.1 <u>General</u> (Cont'd)

- 6.1.1 Description and Provision of Switched Access Service Arrangements (Cont'd)
  - (A) <u>Description</u> (Cont'd)

The Common Switching and Transport Termination optional features, which are described in 6.9 following, unless specifically stated otherwise, as available at all Telephone Company end office switches.

(B) <u>Manner of Provision</u>

Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). FGA Access and FGB Access are furnished on a per-line or per-trunk basis respectively. FGC Access and FGD Access are furnished on a BHMC basis. FGD may also be provided to customers other than MTS/WATS providers on a per trunk basis as set forth in 5.2 preceding.

BHMCs are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation or traffic among BHMC types is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are two major BHMC categories identified as: Originating and Terminating. Originating BHMCs represent access capacity within a LATA for carrying traffic from the end user to the customer; Terminating BHMCs represent access capacity within a LATA for carrying traffic from the customer to the end user. When ordering capacity for FGC Access or FGD Access in BHMCs, the customer must at a minimum specify such access capacity in terms of Originating BHMCs and/or Terminating BHMCs.

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# ACCESS SERVICE SECTION 6 Switched Access Service

### 6.1 <u>General</u> (Cont'd)

- 6.1.1 Description and Provision of Switched Access Service Arrangements (Cont'd)
  - (B) <u>Manner of Provision</u> (Cont'd)

BHMCs are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic among BHMC types is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are two major BHMC categories identified as: Originating and Terminating. Originating BHMCs represent access capacity within a LATA for carrying traffic from the end user to the customer; Terminating BHMCs represent access capacity within a LATA for carrying traffic from the customer to the end user. When ordering capacity for FGC Access or FGD Access in BHMCs, the customer must at a minimum specify such access capacity in terms of Originating BHMCs and/or Terminating BHMCs.

Because some customers will wish to further segregate their originating traffic into separate trunk groups, or because segregation may be required by network considerations originating BHMCs are further categorized into Domestic, 800/888/877, 900, Operator and IDDD. Domestic BHMCs represent access capacity for carrying only domestic traffic other than 800/888/877, 900 and Operator traffic; IDDD BHMCs represent access capacity for carrying, respectively, only 800/888/877, 900 or Operator traffic. When ordering such types of access capacity, the customer must specify Domestic, 800/888/877, 900, Operator or IDDD BHMCs.

#### 6.1.2 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5.2 preceding. Also, included in that section are regulations concerning miscellaneous service order charges which may be associated with Switched Access Service ordering (e.g., Service Date Changes, Cancellations, etc.).

Section: 6 Leaf: 5 Revision: 1 Superceding Revision: 0

# ACCESS SERVICE SECTION 6 Switched Access Service

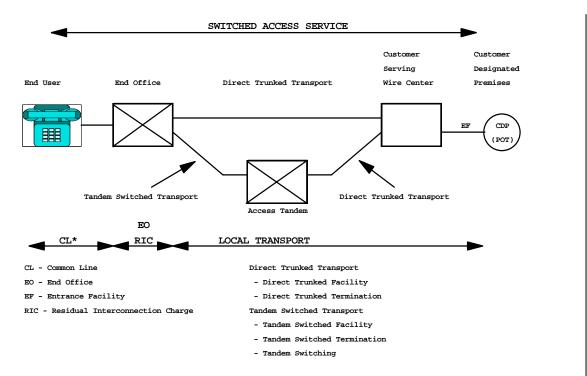
# 6.1 General (Cont'd)

#### 6.1.3 Rate Categories

There are four rate categories which apply to Switched Access Service:

- Local Transport (described in 6.1.3(A) following)
- End Office (described in 6.1.3(B) following)
- Chargeable Optional Features (described in 6.1.3(C) following)
- Common Line (described in Section 3. preceding)

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



\* Common Line Access Service is provided under Section 3. Preceding

(N)

(N)

\*Information previously found on this Leaf now found on Leaf 6.

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# ACCESS SERVICE SECTION 6 Switched Access Service

#### 6.1 <u>General</u> (Cont'd)

#### 6.1.3 Rate Categories (Cont'd)

#### (A) Local Transport

(M)

(M)

(N)

(N)

(N)

(N)

(N)

The Local Transport rate category establishes the charges related to the transmission and tandem switching facilities between the customer designated premises and the end office switch(es) where the customer's traffic is switched to originate or terminate the customer's communications. For purposes of determining Local Transport Facility measurement, distance will be measured from the wire center that normally serves the customer designated premises to the end office switch(es), which may be a Remote Switching Module(s). Exceptions to the Local Transport Facility measurement rules are set forth in 6.4.6 following and in this section.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer designated premises) and in the terminating direction (from the customer designated premises) and in the terminating direction (from the customer designated premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. The customer must specify the choice of facilities (i.e., Voice Grade 2 or 4 wire or High Capacity DS1 or DS3) to be used in the provision of Direct Trunked Transport or Entrance Facility.

The Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, (2) the directionality of the service and (3) the type of

Direct Trunked Transport and whether it will overflow to Tandem Switched Transport when service is directly routed to an end office, (4) the type of Entrance Facility, and (5) when multiplexing is required, the hub(s) at which the multiplexing will be provided. Local Transport rates are found in Section 17.2. Where the

Telephone Company elects to provide equal access through a centralized equal access arrangement, the Telephone Company will designate the serving wire center. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

(D)

(D)

(M) Information found on this Leaf previously found on Leaf 5

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# ACCESS SERVICE SECTION 6 Switched Access Service

#### 6.1 <u>General</u> (Cont'd)

#### 6.1.3 <u>Rate Categories</u> (Cont'd)

(A) Local Transport (Cont'd)

(N)

Additionally, when service is to be routed through a Telephone Company access tandem switch, the customer must order the facility between the serving wire center and the tandem as Direct Trunked Transport.

When the customer has both Tandem Switched Transport and Direct Trunked Transport at the same end office, the customer will be provided Alternate Traffic routing as set forth in 6.4.6 following.

Direct Trunked Transport is available at all tandems and at all end offices except those identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 as not having the capability to provide Direct Trunked Transport. Direct Trunked Transport is not available: (1) from end offices that provide equal access through a centralized equal access arrangement, (2) from end offices that lack recording or measurement capability, and (3) for originating 800/888/877 calls from non-Service Switching Point (SSP) equipped end offices that can not accommodate direct trunking of originating 800/888/877 calls.

Unless otherwise ordered by the F.C.C., where the Telephone Company elects to provide equal access through a centralized equal access arrangement, the Telephone Company will designate the serving wire center. The designated SWC will normally be that wire center which provides dial tone to the telephone company centralized Equal Access tandem office identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. When service is provided in cooperation with a non telephone company provider of centralized Equal Access, the SWC will be that wire center which would normally provide dial tone to the telephone company provider of Centralized Equal Access specified in the tariff of the centralized Equal Access through centralized Equal Access are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4.

(N)

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#### ACCESS SERVICE SECTION 6 Switched Access Service

#### 6.1 General (Cont'd)

#### 6.1.3 <u>Rate Categories</u> (Cont'd)

(A) Local Transport (Cont'd)

(N)

The Local Transport Rate Category includes five classes of rate elements: (1) Entrance Facility, (2) Direct Trunked Transport, (3) Tandem Switched Transport, and (4) Multiplexing.

(1) Entrance Facility

The Entrance Facility recovers a portion of the costs associated with the communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Entrance Facility is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the customer designated premises and the type of signaling capability, if any.

Three types of Entrance Facility are available:

- Voice Grade 2 or 4 wire (an analog channel with an approximate bandwidth of 300 to 3000 hz),
- High Capacity DS1 (an isochronous serial digital channel with a rate of 1.544 Mbps),
- High Capacity DS3 (an isochronous serial digital channel with a rate of 44.736 Mbps).

The minimum period for which a DS3 Entrance Facility is provided is twelve months.

One charge applies for each Entrance Facility that is terminated at a customer designated premises. This charge will apply even if the customer designated premises and the serving wire center are collocated in a Telephone Company building.

A customer's Local Transport may be connected to the Entrance Facility of another customer, providing the other customer submits a Letter of Authorization for this connection and assumes full responsibility for the cost of the Entrance Facility.

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.1 General (Cont'd)

#### 6.1.3 <u>Rate Categories</u> (Cont'd)

(A) <u>Local Transport</u> (Cont'd)

#### (2) Direct Trunked Transport

(N)

The Direct-Trunked Transport rate elements recover a portion of the cost associated with a communications path on circuits dedicated to the use of a single customer between:

- the serving wire center and an end office,
- the serving wire center and a tandem,
- the serving wire center and a hub,
- a hub and an end office,
- the serving wire center where add/drop multiplexing functions are performed,

Direct Trunked Transport is required at all tandems and is available to all end offices except those identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION as not having the capability to provide Direct Trunked Transport.

Direct Trunked Transport is not available: (1) from end offices that provide equal access through a centralized equal access arrangement, (2) from end offices that lack recording or measurement capability, and (3) for originating 800/888/877 calls from non-Service Switching Point (SSP) equipped end offices that can not accommodate direct trunking of originating 800/888/877 calls.

Three types of Direct-Trunked Transport are available:

- (1) Voice Grade (an analog channel with an approximate bandwidth of 300 to 3000 Hz),
- (2) High Capacity DS1 (an isochronous serial digital channel with a rate of 1.544 Mbps),
- (3) High Capacity DS3 (an isochronous serial digital channel with a rate of 44.736 Mbps),

The minimum period for which a High Capacity DS3 is provided is twelve months.

(N)

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# ACCESS SERVICE SECTION 6 Switched Access Service

#### 6.1 General (Cont'd)

#### 6.1.3 Rate Categories (Cont'd)

- (A) <u>Local Transport</u> (Cont'd)
  - (2) <u>Direct Trunked Transport</u> (Cont'd)

High Capacity DS3 Direct Trunked Transport can not be terminated at end offices that are not identified as hub offices that provide DS3 to DS1 multiplexing. Additionally, DS1 Direct Trunked Transport can not be terminated at end offices that are not identified as hub offices that provide DS1 to Voice Grade multiplexing or are not electronic end offices. Offices that provide multiplexing are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

Direct Trunked Transport rates consist of a Direct Trunked Facility rate which is applied on a per mile basis and a Direct Trunked Termination rate which is applied at each end of each measured segment of the Direct Trunked Facility (e.g., at the end office, hub, tandem and serving wire center). When the Direct Trunked Facility mileage is zero, neither the Direct Trunked Facility rate nor the Direct Trunked Termination rate will apply.

The Direct Trunked Facility rate recovers a portion of the costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits.

The Direct Trunked Termination rate recovers a portion of the costs of the circuit equipment that is necessary for the termination of each end of the Direct Trunked Facility.

(3) <u>Tandem Switched Transport</u>

The Tandem Switched Transport rate elements recover a portion of the costs associated with the communications path between the tandem and the end office on circuits that are switched at a tandem switch. Tandem Switched Transport consists of circuits used in common by multiple customers from the tandem to the end office.

Tandem Switched Transport rates consist of a Tandem Switching rate, a Tandem Switched Facility rate and a Tandem Switched Termination rate.

(N)

The Tandem Switching rate recovers a portion of the costs of switching traffic through an access tandem. The Tandem Switching rate specified in 17.2.2 following is applied on a per access minute per tandem basis for all originating and all terminating minutes of use switched at the tandem. Tandem locations are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

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# ACCESS SERVICE SECTION 6 Switched Access Service

#### 6.1 <u>General</u> (Cont'd)

- 6.1.3 Rate Categories (Cont'd)
  - (A) Local Transport (Cont'd)
    - (3) <u>Tandem Switched Transport</u> (Cont'd)

The Tandem Switched Facility rate recovers a portion of the costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits. The Tandem Switched Facility rate specified in 17.2.2 following is applied on a per access minute per mile basis for all originating and terminating minutes of use routed over the facility

The Tandem Switched Termination rate recovers a portion of the costs of the circuit equipment that is necessary for the termination of each end of the Tandem Switched Facility. The Tandem Switched Termination rate specified in 17.2.2 following is applied on a per access minute basis (for all originating and terminating minutes of use routed over the facility) at each end of each measured segment of Tandem Switched Facility (e.g., at the end office, Feature Group A dial tone office, host office, remote office, tandem, and serving wire center). When the Tandem Switched Facility mileage is zero, neither the Tandem Switched Facility rate nor the Tandem Switched Termination rate will apply.

The Tandem Switched Termination rate is applied as follows:

- for FGA when the Tandem Switched Facility is measured between the end office and the IC serving wire center, the Tandem Switched Termination rate is applied at the end office.
- for FGA when the Tandem Switched Facility is measured between the first point of switching (i.e., dial tone office) and the IC serving wire center as set forth in 6.4.6(B) following, the Tandem Switched Termination Rate (T) is applied at the first point of switching (i.e., dial tone office).
- for FGB, FGC and FGD when the Tandem Switched Facility is measured (T)
  - between the end office and the IC serving wire center, the Tandem Switched Termination Rate is applied at the end office.
- for FGB and FGD when the Tandem Switched Facility is measured (T) between the access tandem and the IC serving wire center, as set forth in 6.4.6(E) following, the Tandem Switched Termination Rate is applied (T) at the access tandem office.

(M)

(M) Information found on this Leaf previously found on Leaf 7

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(N)

(M)

(N)

(T)

(T)

(T)

(T)

(T)

Section: 6 Leaf: 7 Revision: 1 Superceding Revision: 0

# ACCESS SERVICE SECTION 6 Switched Access Service

#### 6.1 <u>General</u> (Cont'd)

- 6.1.3 Rate Categories (Cont'd)
  - (A) Local Transport (Cont'd)

The Tandem Switched Termination rate will also apply if the IC serving wire(T)center and the end user serving wire center are collocated. The Tandem(T)Switched Termination rate will apply to each access minute of switched(T)access service.(T)

The Tandem Switched Facility rate provides for the frequency transmission (T) path and for that portion of Local Transport which extends beyond the Telephone Company end office and includes both the physical (or derived) outside plant facilities and necessary transmission equipment (repeaters, etc.) including that which may be found at intermediate offices. The Tandem (T) Switched Facility rate will not apply if the IC serving wire center and the end user serving wire center are collocated.

(4) Multiplexing

Multiplexing provides an arrangement for converting a single, higher capacity or bandwidth circuit to several lower capacity or bandwidth circuits.

When a derived channel is itself multiplexed to derive additional channels with a lesser capacity, this is referred to as cascade multiplexing. When cascade multiplexing occurs, a charge for the additional multiplexing is performed at different dubbing locations, Direct Trunked Transport charges also apply between the hubs.

DS3 to DS1 Multiplexing charges apply when a High Capacity DS3 Entrance Facility or Direct Trunked Facility is connected with High Capacity DS1 Direct Trunked Transport. The DS3 to DS1 multiplexer will convert a 44.736 Mpbs channel to 28 DS1 channels using digital time division multiplexing.

DS1 to Voice Grade Multiplexing charges apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Facility is connected with Voice Grade Direct Trunked Transport. A DS1 to Voice Grade Multiplexing charge does not apply when a High Capacity DS1 Direct Trunked Facility is terminated at an electronic end office and only Switched Access Service is provided over the DS1 facility (i.e., Voice Grade Special Access channels are not derived). The DS1 to Voice multiplexer will convert a 1.544 Mbps channel to 24 Voice Grade channels.

Multiplexing is only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

Information previously found on this Leaf now found on Leaf 6.5

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.1 <u>General</u> (Cont'd)

### 6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

Notwithstanding the preceding paragraph, when more than one Telephone Company is involved in providing the Switched Access Service, the Local Transport rates are applied as set forth in 2.4.7 preceding.

Local Transport is provided at the rates and charges set forth in 17.2.2 following. The application of these rates with respect to individual Feature Groups is as set forth in 6.4.1(C) following.

(1) Interface Groups

Ten Interface Groups are provided for terminating the Local Transport at the customer's designated premises. Technical specifications concerning the available interface groups are set forth in 15.1 following.

#### (2) <u>Nonchargeable Optional Features</u>

Where transmission facilities permit, the individual transmission path between the customer's designated premises and the first point of switching may at the option of the customer be provided with the following optional features as set forth and described in 15.1.1(E) following.

- Supervisory Signaling
- Customer Specified Entry Switch Receive Level
- Customer Specification of Local Transport Termination

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.1 <u>General</u> (Cont'd)

- 6.1.3 Rate Categories (Cont'd)
  - (A) Local Transport (Cont'd)
    - (3) <u>Chargeable Optional Features</u>

Common Channel Signaling, Signaling System 7 (CCS/SS7) Network Connection (CCSNC) Service provides a signaling path between a customer's designated Signaling Point of Interface (SPOI) and a Company's Signaling Transfer Point (STP). CCSNC is provided as set forth in this section.

800/888/877 Database Access Service is provided to all customer in conjunction with FGC and FGD switched access service. A Basic or Vertical Feature Query charge, as set forth in the company's rate schedule, is assessed for each completed query returned from the 800/888/877 database whether or not the actual call is delivered to the customer. The query is considered completed when the appropriate call routing information is returned to the Service Switching Point (SSP) that launched the query. The Basic Query provides the identification of the customer to whom the call will be delivered and includes area of service routing which allows routing of 800/888/877 calls by telephone companies to different interexchange carriers based on the Local Access Transport Area (LATA) in which the call originates. The Vertical Feature Query provides the same customer identification function in addition to vertical features which may include: (1) call validation (ensuring that calls originate from subscribed service areas); (2) POTS translation of 800/888/877 numbers (which is generally necessary for the routing of 800/888/877 calls); (3) alternate POTS translation (which allows subscribers to vary the routing if 800/888/877 calls based on factors such as time of day, place of origination of the call, etc.); and (4) multiple carrier routing (which allows subscribers to route to different carriers based on factors similar to those in (3).

Section: 6 Leaf: 10 Revision: 0 Superceding Revision:

### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.1 <u>General</u> (Cont'd)

# 6.1.3 <u>Rate Categories</u> (Cont'd)

(B) End Office

The End Office rate category establishes the charges related to the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching and Information Surcharge rate elements.

(1) Local Switching

The Local Switching rate element establishes the charges related to the use of end office switching equipment, the terminations in the end office of end user lines, and the terminations of calls at Telephone Company Intercept Operators or recordings. The Local Switching charge is applicable to Feature Groups A, B, C, and D.

Local Switching does not apply to Feature Groups B and D Switched Access Services associated with Mobile Telephone Switching Offices (MTSOs) directly interconnected to a Telephone Company access tandem office.

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

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.1 <u>General</u> (Cont'd)

- 6.1.3 <u>Rate Categories</u> (Cont'd)
  - (B) End Office (Cont'd)
    - (1) <u>Local Switching</u> (Cont'd)

Rates for Local Switching are set forth in 17.2.3 following. The application of these rates with respect to individual Feature Groups is as set forth in 6.4.1(C) following.

There are four types of functions included in the Local Switching rate element: Common Switching, Transport Termination, Line Termination and Intercept. These are described in (a) through (d) following.

(a) <u>Common Switching</u>

Common Switching provides the local end office switching functions associated with the various access (i.e., Feature Group) switching arrangements. The Common Switching arrangements provided for the various Feature Group arrangements are described in 6.5 through 6.9 following.

Included as part of Common Switching are various nonchargeable optional features which the customer can order to meet the customer's specific communications requirements. These optional features are described in 6.9.1 following.

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## ACCESS SERVICE SECTION 6 Switched Access Service

# 6.1 <u>General</u> (Cont'd)

- 6.1.3 <u>Rate Categories</u> (Cont'd)
  - (B) End Office (Cont'd)
    - (1) <u>Local Switching</u> (Cont'd)
      - (b) <u>Transport Termination</u>

Transport Termination functions provide for the line or trunk side arrangements which terminate the Local Transport facilities. Included as part of these functions are various nonchargeable optional termination arrangements. These optional terminating arrangements are described in 6.9.2 following.

The number of Transport Terminations provided will be determined by the Telephone Company as set forth in 6.2.5 following.

(c) <u>Line Termination</u>

Line Termination provides for the terminations of end user lines in the local end office.

(d) Intercept

The Intercept function provides for the termination of a call at a Telephone Company 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.

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## ACCESS SERVICE SECTION 6 Switched Access Service

# 6.1 <u>General</u> (Cont'd)

- 6.1.3 <u>Rate Categories</u> (Cont'd)
  - (B) End Office (Cont'd)
    - (2) Information Surcharge

Information Surcharge rates are assessed to a customer based on the total number of access minutes. Information Surcharge rates are as set forth in 17.2.3(B) following. The application of these rates with respect to individual Feature Groups is as set forth in 6.4.1(C) following.

The Information Surcharge does not apply to Feature Groups B and D Switched Access Services associated with Mobile Telephone Switching Offices (MTSOs) directly interconnected to a Telephone Company access tandem office.

The number of end office switching transmission paths will be determined as set forth in 6.2.5 following.

#### (C) <u>Chargeable Optional Features</u>

Where facilities permit, the Telephone Company will, at the option of the customer, provide the following chargeable optional feature:

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.1 <u>General</u> (Cont'd)

- 6.1.3 <u>Rate Categories</u> (Cont'd)
  - (C) <u>Chargeable Optional Features</u> (Cont'd)
    - (1) Interim NXX Translation

The Interim NXX Translation rate element provides for customer identification of non-database services when calls are directed by end users in the 1+SAC+NXX-XXXX (e.g., 1+900+NXX-XXXX) format. The NXX codes are assigned to specific customers in conformance with the North American Numbering Plan (NANP). NXX code assignment(s) will be made by the Bellcore NANP Coordinator. The Telephone Company will use the NXX code to identify the customer to whose point of termination the traffic is to be delivered, (i.e., at appropriately equipped electronic end offices, access tandems or through contracted arrangements with other parties.) It is then the responsibility of the customer to do any further translation the customer deems necessary to route the call. Customer assigned NXX codes which have not been ordered will be blocked.

A nonrecurring charge, as set forth in 17.2.1 following, is associated with this optional feature. This nonrecurring charge is assessed by the Telephone Company on a per order, per LATA or Market Area basis and is applied in lieu of the Access Order Charge specified in 17.3.1(A) following. The nonrecurring charge is assessed only by the Telephone Company that provides the final translation function. A Telephone Company is said to have provided the final Interim NXX Translation when its translation identifies the customer's traffic and this traffic is then delivered to the customer's point of termination without any further translation. The description and application of this charge with respect to Feature Group C and Feature Group D is as set forth in 6.4.1(B)(2) and 6.4.1(C) following.

Section: 6 Leaf: 15 Revision: 0 Superceding Revision:

### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.1 <u>General</u> (Cont'd)

- 6.1.3 <u>Rate Categories</u> (Cont'd)
  - (C) <u>Chargeable Optional Features</u> (Cont'd)
    - (2) Operator Transfer Services

Operator Transfer Service may be provided with FGC or FGD Switched Access Service at a Company designated Operator Services location. Operator Transfer Service is an originating service. The rate is assessed per 0-call transferred to a customer's operator. An 0-call is considered transferred with the Company operator activates the switch transferring the call to the designated customer and the customer acknowledges receipt.

In addition to the Operator Transfer Service charge described above in 6.9.3(B) following, FGC or FGD Switched Access rates and charges as set forth in 6.7.1 and 6.8.1 following and Carrier Common Line charges set forth in the company's rate schedule will apply per minute of use for Operator Transfer Service.

Operator Transfer Service charges, provided for in this tariff, are applied only to those calls actually transferred by the Company to the customer's operator.

(3) <u>800/888/877 Database Access Service</u>

800/888/877 Database Access Service is provided to all customers in conjunction with FGC and FGD switched access service. When a 1+800/888/877+NXX-XXXX call is originated by an end user, the Company will utilize the Signaling System 7 (SS7) network to whom the call will be delivered and provide vertical features based on the dialed ten digits. The call will then be routed to the identified customer over FGC or FGD switched access.

Section: 6 Leaf: 16 Revision: 0 Superceding Revision:

### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.1 <u>General</u> (Cont'd)

- 6.1.3 <u>Rate Categories</u> (Cont'd)
  - (C) <u>Chargeable Optional Features</u> (Cont'd)
    - (3) <u>800/888/877 Database Access Service</u> (Cont'd)

A Basic or Vertical Feature Query charge, as set forth in the concurring company's rate schedule, is assessed for each completed query returned from the 800/888/877 database identifying the customer to whom the call will be delivered whether or not the actual call is delivered The query is considered completed when the to the customer. appropriate call routing information is returned to the Service Switching Point (SSP) that launched the query. The Basic Query provides the identification of the customer to whom the call will be delivered and includes area of service routing which allows routing of 800/888/877 calls by telephone companies to different interexchange carriers based on the Local Access Transport Area (LATA) in which the call originates. The Vertical Feature Query provides the same customer identification function in addition to vertical features which may include: (1) call validation (ensuring that calls originate from subscribed service areas); (2) POTS translation of 800/888/877 numbers (which is generally necessary for the routing of 800/888/877 calls); (3) alternate POTS translation (which allows subscribers to vary the routing if 800/888/877 calls based on actors such as time of day, place of origination of the call, etc.); and (4) multiple carrier routing (which allows subscribers to route to different carriers based on factors similar to those in (3).

The description and application of this charge with respect to Feature Group C and Feature Group D is as set forth in 6.7.1 and 6.8.1 following.)

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.1 <u>General</u> (Cont'd)

- 6.1.3 <u>Rate Categories</u> (Cont'd)
  - (C) Chargeable Optional Features (Cont'd)
    - (4) <u>Flexible Automatic Number Identification (Flex ANI)</u>

The Flex ANI rate element provides for the addition of the Flex ANI feature to Feature Group D (FGD) trunk Groups. Flex ANI is a Common Switching optional feature that enhances the existing Automatic Number Identification (ANI) optional feature (described in 6.9.1(F) following) by allowing FGD customers to receive additional information digits. Flex ANI provides additional values for these information digits over and above the values currently available with ANI and will be used to identify additional call types, i.e., calls from WATS lines and private virtual networks. Flex ANI is available to customers with FGD Switched Access Service equipped with ANI.

6.1.4 <u>Special Facilities Routing</u>

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in Section 11. following.

Section: 6 Leaf: 18 Revision: 0 Superceding Revision:

### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.1 <u>General</u> (Cont'd)

# 6.1.5 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

#### 6.2 <u>Undertaking of the Telephone Company</u>

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

#### 6.2.1 <u>Network Management</u>

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

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# ACCESS SERVICE SECTION 6 Switched Access Service

### 6.2 Undertaking of the Telephone Company (Cont'd)

#### 6.2.2 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 15.1.2 following. Data Transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 15.1.3 following are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to May 25, 1984, except that service configurations having performance specifications exceeding the standards set forth in 15.1.2 following will be maintained at the performance levels specified.

The transmission specifications concerning Switched Access Service are limits which, when exceeded, may require the immediate corrective action of the Telephone Company. The transmission specifications are set forth in 15.1.2 following. Acceptance limits are set forth in Technical Reference TR-NPL-000334. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.2 <u>Undertaking of the Telephone Company</u> (Cont'd)

#### 6.2.3 Provision of Service Performance Data

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

#### 6.2.4 Testing

# (A) Acceptance Testing

At no additional charge the Telephone Company will, at the customer's request, cooperatively test at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling. When the Local Transport is provided with Interface Groups 2 through 10, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

### (B) Routine Testing

At no additional charge, the Telephone Company will, at the customer's request, test after installation on an automatic or manual basis, 1004 Hz loss, C-message noise and Balance (Return loss).

In the case of automatic testing, the customer shall provide remote office test lines and 105 test lines with associated responders or their functional equivalent.

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.2 <u>Undertaking of the Telephone Company</u> (Cont'd) <u>Testing</u> (Cont'd)

(B) <u>Routine Testing</u> (Cont'd)

The frequency of these tests will be that which is mutually agreed upon by the customer and the Telephone Company, but shall consist of not less than quarterly 1004 Hz Loss and C-message noise tests and an annual Balance test. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

#### 6.2.5 Determination of Number of Transmission Paths

For Feature Groups A and B, which are ordered on a per line or per trunk basis respectively, and Feature Group D when ordered on a per trunk basis by customers other than MTS/WATS providers, the customer specifies the number of transmission paths in the order for service.

The Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group C and D busy hour minutes of capacity ordered. The number of transmission paths will be developed using the total busy hour minutes of capacity by type (as described in 6.1.1(B) preceding) for the end offices for each Feature Group ordered from a customer's designated premises. The total busy hour minutes of capacity by type (e.g., originating, terminating, IDDD, Operator) for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths and end office switches, (2) the use of the end office switches only, or (3) the use of the tandem switches only.

#### 6.2.6 <u>Trunk Group Measurement Reports</u>

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

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### ACCESS SERVICE SECTION 6 Switched Access Service

#### 6.3 Obligations of the Customer

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

#### 6.3.1 <u>Report Requirements</u>

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

#### (A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.11 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth in 2.3.12 preceding.

#### (B) <u>Code Screening Reports</u>

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

#### 6.3.2 Trunk Group Measurement Reports

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

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.3 <u>Obligations of the Customer</u> (Cont'd)

#### 6.3.3 <u>Supervisory Signaling</u>

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

#### 6.3.4 Short Duration Mass Calling Requirements

When a customer offers service for which a substantial call volume is expected during a short period of time (e.g., 900 service media stimulated events), the customer must notify the Telephone Company at least 48 hours in advance of each peak period. Notification should include the nature, time, duration, and frequency of the event, an estimated call volume, and the telephone number(s) to be used.

On the basis of the information provided, the Telephone Company may invoke network management controls, (e.g., call gapping and code blocking) to reduce the probability of excessive network congestion. The Telephone Company will work cooperatively with the customer to determine the appropriate level of such control.

#### 6.4 <u>Rate Regulations</u>

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

### 6.4.1 <u>Description and Application of Rates and Charges</u>

There are two types of rates and charges that apply to Switched Access Service. These are usage rates and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth in (C) following.

(A) <u>Usage Rates</u>

Usage rates for Switched Access Service are rates that apply on a per access minute basis when a specific rate element is used.

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#### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.4. <u>Rate Regulations</u> (Cont'd)

#### 6.4.1 Description and Application of Rates and Charges (Cont'd)

(B) <u>Nonrecurring Charges</u>

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, Interim NXX Translation, optional features, and service rearrangements. These charges, with the exception of the Interim NXX Translation optional feature, are in addition to the Access Order Charge as specified in 17.3.1(A) following.

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For FGA, which is ordered on a per line basis, and for FGB, FGC and FGD, which is ordered on a per trunk basis, the charge is applied on a per line or trunk basis respectively. For FGC and FGD, which are ordered on a busy hour minutes of capacity basis, the charge is also applied on a per trunk basis but the charge applies only when the capacity ordered requires the installation or activation of an additional trunk(s) which is uniquely identified for the sole use of the ordering customer.

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### ACCESS SERVICE SECTION 6 Switched Access Service

## 6.4 <u>Rate Regulations</u> (Cont'd)

- 6.4.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
  - (B) <u>Nonrecurring Charges</u> (Cont'd)
    - (2) Interim NXX Translation Optional Feature

This nonrecurring charge applies to the initial order for the installation of the Interim NXX Translation optional feature with Feature Group C or Feature Group D Switched Access Service and for each subsequent order received to add or change NXX translation codes. This charge, if applicable, applies whether this optional feature is installed coincident with or at any time subsequent to the installation of Switched Access Services. This charge is applied by the Telephone Company per order, per LATA or Market Area. When it is necessary for multiple telephone companies to provide the translation function, the nonrecurring charge is assessed only by the Telephone Company that provides the final translation function which identifies the customer's traffic and this traffic is then delivered to the customer's point of termination without any further translation.

#### (3) <u>Service Rearrangements</u>

All changes to existing services other than changes involving administrative activities and the off-hook supervisory signaling of FGA Access Services, will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in (1) preceding will apply for this work activity. Moves that change the physical location of the point of termination are described and charged for as set forth in 6.4.4 following.

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.4 <u>Rate Regulations</u> (Cont'd)

- 6.4.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
  - (B) <u>Nonrecurring Charges</u> (Cont'd)
    - (3) <u>Service Rearrangements</u> (Cont'd)
      - If, due to technical limitations of the Telephone Company, a customer could not combine its Interim NXX traffic with its other trunk side Switched Access Services, no charge shall apply to combine these trunk groups when it becomes technically possible.

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

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing date (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

Changes and additions to existing Switched Access Services which are necessary due to Telephone Company initiated network reconfigurations, and required to provide the same grade of service to the customer that existed prior to the reconfiguration, will be made without charge to the customer. Charges will apply to those changes and additions which are in excess of those required to provide the same grade of service and/or capacity. Grade of service will be as determined by industry standard engineering tables. Changes to the point in time when the off-hook supervisory signal is provided in the originating call sequence i.e., when the off-hook supervisory

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#### ACCESS SERVICE SECTION 6 Switched Access Service

#### 6.4 <u>Rate Regulations</u> (Cont'd)

- 6.4.1 Description and Application of Rates and Charges (Cont'd)
  - (B) <u>Nonrecurring Charges</u> (Cont'd)
    - (3) <u>Service Rearrangements</u> (Cont'd)

signal is changed from being provided by the customer's equipment before the called party answers to being forwarded by the customer's equipment when the called party answers or vice versa, are subject to the Access Order Charge as set forth in 17.3.1(A) following.

For additions, changes or modifications to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

For additions, changes, or modifications to optional features that do not have their own separate nonrecurring charges, an Access Order Charge as set forth in 17.3.1(A) following will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

### (4) <u>SS7\MF Signaling Trunk Group Conversion Charge</u>

For the conversion of FGC or FGD trunks from MF to SS7 signaling or from SS7 to MF signaling, a nonrecurring charge will apply as set forth in 17.2.1 following.

The trunk group conversion charge is applied on a per trunk group basis or major fraction thereof, and is applicable when the total number of trunks in a trunk group remain the same. Additions of new trunks will follow the regulations, rates and charges associated with the installation of new services as set forth in 6.4.1 preceding.

During the conversion of a trunk group from MF to SS7 signaling, a customer may add Calling Party Number (CPN), Charge Number (CN), and/or Carrier Selection Parameter (CSP) optional features.

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#### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.4 <u>Rate Regulations</u> (Cont'd)

- 6.4.1 Description and Application of Rates and Charges (Cont'd)
  - (B) <u>Nonrecurring Charges</u> (Cont'd)
    - (4) <u>SST\MF Signaling Trunk Group Conversion Charge</u> (Cont'd)

The Access Order Charge, as set forth in 17.3.1 following will apply to each order received by the Telephone Company to convert an existing FGC or FGD trunk group(s) from MF to SS7 signaling or from SS7 to MF signaling.

(C) Application of Rates

Rates are for measured or assumed access minutes for all Feature Groups.

(1) <u>Unmeasured FGA Access Services</u>

Where originating and/or terminating measurement capability does not exist for Feature Group A Switched Access Services provided to the first point of switching, the number of access minutes that will be assumed are as set forth following in 6.5.4 and 6.6.4 respectively.

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# ACCESS SERVICE SECTION 6 Switched Access Service

### 6.4 <u>Rate Regulations</u> (Cont'd)

- 6.4.1 Description and Application of Rates and Charges (Cont'd)
  - (C) <u>Application of Rates</u> (Cont'd)
    - (2) <u>Notice of Equal Access Conversion</u>

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

The customer will have the choice of converting all or part of the existing services to equal access (i.e., Feature Group D) or retaining the existing services. The conversion of existing services will be at no charge provided the order to convert such services to Feature Group D is received as set forth in 6.4.3 following.

(3) Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection

The CCS/SS7 Network Connection is comprised of a Signaling Mileage Facility charge, a Signaling Mileage Termination charge, a Signaling Entrance Facility Charge, and a Signaling Transfer Point (STP0 Port charge.

The Signaling Mileage Facility charge is assessed on a per facility per mile basis. The Signaling Mileage Termination charge is assessed on a per termination basis (i.e., at each end of the Signaling Mileage Facility). When the signaling Mileage Facility mileage measurement is zero, Signaling Mileage Termination charges do not apply.

The STP Port charge is assessed on a per port basis for each termination of a Signaling Mileage Facility at an STP.

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# ACCESS SERVICE SECTION 6 Switched Access Service

### 6.4 <u>Rate Regulations</u> (Cont'd)

- 6.4.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
  - (C) <u>Application of Rates</u> (Cont'd)
    - (3) <u>800/888/877 Database Access Service</u>

A Basic Query of Vertical Feature Query charge applies for each completed query that is returned from the 800/888/877 database and identifying the customer to whom the call will be delivered whether or not the actual call is delivered to the customer. The query is considered completed when the appropriate call routing information is returned to the Service Switching Point (SSP) that launched the query. Query charges, as set forth in the company's rate schedule, will only be applied by those companies whose wire centers are identified as assessing query charges in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

When FGC or FGD switched access service is used for the provision of 800/888/877 Database Access Service and the total minutes of use and/or count of queries can be determined for each customer at a tandem or SSP but cannot be determined by individual end office, an allocation method will be utilized to determine minutes if use and/or queries by end office and customer. For each end office a ratio will be developed and applied against the total minutes of use and/or count of queries for a given customer as determined by the tandem or SSP. These ratios will be developed by dividing the unidentified originating 800/888/877 minutes of use at an end office by the total unidentified originating minutes of use in all end offices subtending the tandem or SSP.

#### 6.4.2 <u>Minimum Monthly Charge</u>

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge is calculated as follows.

For the Local Transport, Local Switching and Information Surcharge rate elements, the minimum monthly charge is the sum of the recurring charges set forth in 17.2.2 and 17.2.3 following for either the actual measured usage or the assumed usage prorated to the number of days or major fraction of days based on a 30 day month.

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.4 <u>Rate Regulations</u> (Cont'd)

#### 6.4.3 Change of Switched Access Service Arrangements

Changes from one type of Feature Group to another will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with one exception. When a customer upgrades a Feature Group A or B service to a Feature Group D service and when Feature Group C is upgraded to Feature Group D coincident with the availability of Feature Group D in an end office, the nonrecurring charges will not apply and minimum period obligations will not change, i.e., the time elapsed in the existing minimum period obligation will be credited to the minimum period obligations for FGD service, subject to the following limitations.

In order to avoid the imposition of nonrecurring charges a customer which is a participant in the presubscription allocation process (i.e., is on the presubscription ballot) must:

- submit its order to disconnect Feature Group A and/or B within 30 days after the date the results of the final allocation of customers in an end office are actually received by the customer, and
- make the effective date for disconnection of the Feature Group A and/or B Access Services no later than 60 days after the final allocation results are received by the customer.

A customer which is not a participant in the allocation process (i.e., is not on the presubscription ballot) is subject to the same rules preceding. The time frames for the non-participating customer(s) are the same as those which apply to the last customer to receive the results of the final allocation of customers in an end office who is a participant in the allocation process. For all other changes from one type of Feature Group to another, new minimum period obligations will be established.

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## ACCESS SERVICE SECTION 6 Switched Access Service

# 6.4 <u>Rate Regulations</u> (Cont'd)

### 6.4.4 <u>Moves</u>

A move involves a change in the physical location of one of the following:

- The point of termination at the customer designated premises
- The customer designated premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the installation nonrecurring charge for the capacity affected. This charge is in addition to the Access Order Charge as specified in 17.3.1(A) following. There will be no change in the minimum period requirements.

### (B) <u>Moves to a Different Building</u>

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

### 6.4.5 Local Information Delivery Services

Calls over Switched Access Service in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 17.2 following. In addition, the charges per call as specified under the Telephone Company's local and/or general exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, will also apply.

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.4 <u>Rate Regulations</u> (Cont'd)

#### 6.4.6 Mileage Measurement

The mileage to be used to determine the monthly rate for Local Transport is calculated on the airline distance between the end office switch, where the call carried by Local Transport originates or terminates and the customer's serving wire center, except as set forth in (A) through (E) following.

Where switched access services are routed between a Telephone Company's digital host central office and its corresponding digital remote central office and the digital remote central office is identified by separate and unique NXX and V&H coordinates, the Local Transport Mileage shall be calculated on the airline distance between the customer's serving wire center and the remote end office.

Mileage rates are as set forth in 17.2.2 following. To determine the rate to be billed, first compute the airline mileage using the V&H coordinates method. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates. Then multiply the mileage by the appropriate rate. See Matrix in (F) following.

Exceptions to the mileage measurement rules are as follows:

(A) <u>Five-Mile Rule</u>

When a non-AT&T customer designated premises is within five miles of an AT&T Class 4 office, the Local Transport mileage for a call which is carried over a Switched Access Service, originating or terminating through an end office switch, shall be the distance as would be determined from that end office switch to the serving wire center for that AT&T Class 4 office unless the customer specifies that for an entire LATA, it wants all measurements determined from its serving wire center. This designation (i.e., which serving wire center to use in calculating mileage) may be changed only once in any 12 month period. Such change will be made without charge(s) to the customer.

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.4 <u>Rate Regulations</u> (Cont'd)

### 6.4.6 Mileage Measurement (Cont'd)

(B) Feature Group A

Mileage for access minutes in the originating or terminating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H coordinates method. The mileage measurement will be between dial tone office (end office switch where the Feature Group A switching dial tone is provided) and the customer's serving wire center for the Switched Access Service provided.

Where originating and/or terminating measurement capability (1) does not exist, or (2) exists but it is not End Office specific, mileage for FGA will be calculated in the unmeasured direction(s) on an airline basis using the V&H coordinates method. This mileage measurement will be between the dial tone office (end office switch where the switching dial tone is provided) and the customers' serving wire center for the Switched Access Services.

### (C) Feature Groups C and D - Alternate Traffic Routing

When the Alternate Traffic Routing optional feature is provided with Feature Groups C and D, the Local Transport access minutes will be apportioned between the two trunk groups used to provide this feature. Such apportionment will be made using: (1) standard Telephone Company traffic engineering methodology and will be based on the last trunk CCS desired for the high usage group, as described in 6.9.1(L) following (Alternate Traffic Routing), and the total busy hour minutes of capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch, or (2) an apportionment mutually agreed to by the Telephone Company and the customer. This apportionment will serve as the basis for Local Transport mileage calculation.

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.4 <u>Rate Regulations</u> (Cont'd)

### 6.4.6 <u>Mileage Measurement</u> (Cont'd)

(D) <u>Feature Group C - Multiple CDPs</u>

When terminating Feature Group C Switched Access Service is provided from multiple customer designated premises to an end office not equipped with measurement capabilities, the total Local Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the basis of the individual busy hour minutes of capacity ordered for each of those trunk groups. This apportionment will serve as the basis for Local Transport mileage calculation.

#### (E) Feature Groups B and D - MTSOs Directly Interconnected to Access Tandems

The Local Transport mileage for Feature Groups B and D switched access service provided to Mobile Telephone Switching Offices (MTSOs) directly interconnected to a Telephone Company access tandem office will be determined on an airline basis, using the V&H coordinate method. The mileage will be measured between the customer's serving wire center and the Telephone Company access tandem office to which the MTSO is interconnected.

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.4 Rate Regulations (Cont'd)

- 6.4.6 (Cont'd)
  - (F) Local Transport Matrix

	<u>E0</u>	A/T <u>DTO</u>	ICSWC Direc	tionality
FGA(M)			LTT	0
FGA(M)			LTT	т
FGA(N)			LTT	O or T
FGB FGB (MTSO)			LTT LTT	O or T O or T
FGC FGD FGD (MTSO)			LTT LTT LTT	O or T O or T O or T

### Key

M N	<ul> <li>End Office Specific Measurement Available</li> <li>No End Office Specific Measurement Available</li> </ul>		
0	- Originating		
Т	- Terminating		
EO	- End Office		
DTO	- Dial Tone Office		
A/T	- Access Tandem		
ICSWC - IC Serving Wire Center			
LTT - Local Transport Termination			
MTSO - Mobile Telephone Switching Office			

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.4 <u>Rate Regulations</u> (Cont'd)

### 6.4.7 Reserved For Future Use

6.4.8 Message Unit Credit for Feature Group A

Calls from end users to the seven digit local telephone numbers associated with Feature Group A Switched Access Service are subject to Telephone Company local and/or general exchange service tariff charges (including message unit and toll charges as applicable). The monthly bills rendered to customers for their Feature Group A Switched Access Service will include a credit to reflect any message unit charges collected from their end users under the Telephone Company's local and/or general exchange service tariffs. When the customer is provided FGA service where measurement capability does not exist, the credit will apply to access minutes not to exceed the assumed originating access minutes. No credit will apply for any terminating FGA access minutes. The message unit credit for originating access minutes will be based on the generally applicable message unit charges of the Telephone Company.

### 6.4.9 Application of Rates for Feature Group A Extension Service

Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different customer designated premises in the same LATA as the FGA dial tone office or a LATA other than the LATA where the FGA dial tone office is located. Feature Group A extensions within the same LATA and same state as the dial tone office are provided and charged under the Telephone Company's local and/or general exchange service tariffs.

### 6.5 Description and Provision of Feature Group A (FGA)

- 6.5.1 Description
  - (A) FGA Access, which is available to all customers, provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating and terminating communications.

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### ACCESS SERVICE SECTION 6 Switched Access Service

- 6.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)
  - 6.5.1 <u>Description</u> (Cont'd)
    - (B) FGA Switching is provided at all end office switches. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling which are specified by the customer's order for service.
    - (C) FGA provides a line side termination at the first point of switching (dial tone office). The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
    - (D) The Telephone Company shall select the first point of switching, within the selected LATA, at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.
    - (E) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

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

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

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)

- 6.5.1 <u>Description</u> (Cont'd)
  - (G) No address signaling is provided by the Telephone Company when FGA switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.
  - (H) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits).

Charges for FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL IT) Network Services, and, (3) calls from a FGA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer.

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

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)

### 6.5.2 Optional Features

Following are the various nonchargeable optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group A. They are provided as Common Switching, Transport Termination or Local Transport options.

(A) <u>Common Switching Options</u>

Descriptions of the common switching optional features are set forth in 6.9 following.

- (1) <u>Call Denial on Line or Hunt Group</u>
- (2) <u>Service Code Denial on Line or Hunt Group</u>
- (3) Hunt Group Arrangement
- (4) <u>Uniform Call Distribution Arrangement</u>
- (5) <u>Nonhunting Number for Use with Hunt Group or Uniform Call Distribution</u> <u>Arrangement</u>

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)

- 6.5.2 Optional Features (Cont'd)
  - (B) <u>Transport Termination</u>
    - (1) Two-way operation with dial pulse address signaling and loop start supervisory signaling
    - (2) Two-way operation with dial pulse address signaling and ground start supervisory signaling
    - (3) Two-way operation with dial tone multifrequency address signaling and loop start supervisory signaling
    - (4) Two-way operation with dial tone multifrequency address signaling and ground start supervisory signaling
    - (5) Terminating operation with dial pulse address signaling and loop start supervisory signaling
    - (6) Terminating operation with dial pulse address signaling and ground start supervisory signaling
    - (7) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
    - (8) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
    - (9) Originating operation with loop start supervisory signaling
    - (10) Originating operation with ground start supervisory signaling
  - (C) Local Transport Options
    - (1) Supervisory Signaling (as set forth in 15.1.1(E) following)
    - (2) Customer Specified Entry Switch Receive Level (as set forth in 15.1.1(E) following)

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#### ACCESS SERVICE SECTION 6 Switched Access Service

#### 6.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)

#### 6.5.3 Optional Features Provided In Local Tariffs

Certain other features which may be available in connection with Feature Group A (e.g., Speed Calling, Remote Call Forwarding, Bill Number Screening, IntraLATA extensions) are provided under the Telephone Company's local and/or general exchange service tariffs.

#### 6.5.4 <u>Measuring Access Minutes</u>

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

For terminating calls over FGA and for originating calls over FGA (when the off-hook supervisory signal is provided by the customer's equipment before the called party answers), the measured minutes are the chargeable access minutes. For originating calls over FGA (when the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers), chargeable originating access minutes are derived from recorded minutes using the same formula as set forth in 6.7.4 following for Feature Group C.

For originating calls over FGA, usage measurement begins when the originating FGA first point of switching receives an off-hook supervisory signal forwarded from the customer's point of termination. This off-hook signal may be provided by the customer's equipment before the called party answers, or forwarded by the customer's equipment when the called party answers.

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)

#### 6.5.4 Measuring Access Minutes (Cont'd)

The measurement of originating call usage over FGA ends when the originating FGA first point of switching receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

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

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

Assumed minutes are used for FGA services which originate or terminate in end offices not equipped with measurement capabilities and in such cases are the chargeable access minutes.

Where originating and terminating measurement capability does not exist for Feature Group A provided to the first point of switching, the number of access minutes will be assumed as set forth in 17.2.4 following.

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)

### 6.5.4 Measuring Access Minutes (Cont'd)

Where measurement capability exists for either originating or terminating usage, but not both, on a line arranged for two way calling, the number of access minutes per line per month will be assumed usage, as set forth in 17.2.4 following, or the measured usage, whichever is greater. If the usage in the measured direction exceeds the assumed access minutes per line per month, no usage will be assigned in the unmeasured direction. If the measured usage is less than the assumed access minutes per line per month, the usage in the unmeasured direction exceeds the the unmeasured direction will be the assumed usage, as set forth in 17.2.4 following, for that unmeasured direction except that the total of measured and assumed minutes in such instances will not exceed the total assumed usage designated for two way calling set forth in 17.2.4 following. If the total exceeds the assumed minutes set forth in 17.2.4 following, the assigned minutes shall be reduced so that the total of measured and unmeasured minutes equals the assumed minutes for two way calling set forth in 17.2.4 following.

Additionally, when the line is arranged for one way calling and there is no measurement capability for that direction, assumed originating access minutes, as set forth in 17.2.4(B) following, will be assigned for originating calling only lines and assumed terminating access minutes, as set forth in 17.2.4(C) following, will be assigned for terminating calling only lines.

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)

#### 6.5.4 Measuring Access Minutes (Cont'd)

The following matrix illustrates the application of assumed access minutes for FGA as set forth in 17.2.4(A), (B) and (C) following.

Service Ordered As	Can Measure Originating	Can't Measure Originating	Can Measure Terminating	Can't Measure <u>Terminating</u>
Originating Only	Actual	1,510	N/A	N/A
Terminating Only	N/A	N/A	Actual	2,685
Both Originating & Terminating (originating measurement greater than 4105)	Actual	N/A	N/A	0
Both Originating & Terminating (originating measurement equa or less than 4195)	Actual	N/A	N/A	0 to 2685*
Both Originating & Terminating (terminating measurement greater than 4195)	N/A	0	Actual	N/A
Both Originating & Terminating (terminating measurement equa or less than 4195)	N/A	0 to 1510*	Actual	N/A

Sum of actual and assumed cannot exceed 4195. Reduce assumed minutes of use if necessary.

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.5 <u>Description and Provision of Feature Group A (FGA)</u> (Cont'd)

#### 6.5.4 Measuring Access Minutes (Cont'd)

Notwithstanding the preceding, when Feature Group A is used for the provision of WATS-type service where measurement capability exists at the WATS Serving Office but not at the Feature Group A first point of switching, the measured WATS-type originating and/or terminating minutes of use shall be separately summed and compared to their respective total assumed originating and/or terminating minutes of use. The number of access minutes per line per month will be the assumed or the measured usage, whichever is greater.

### 6.5.5 <u>Testing Capabilities</u>

FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.2.4 preceding which are included with the installation of service (Acceptance Testing) and as ongoing routine testing, Additional Cooperative Acceptance Testing and Additional Manual Testing are available as set forth in 13.3.1 following.

### 6.6 Description and Provision of Feature Group B (FGB)

### 6.6.1 <u>Description</u>

- (A) FGB Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 950-1XXX or 950-0XXX access code. FGB trunk side access is provided for the customer's use in originating and terminating communications.
- (B) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic and electromechanical end office switches.

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### ACCESS SERVICE SECTION 6 Switched Access Service

- 6.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)
  - 6.6.1 <u>Description</u> (Cont'd)
    - (C) FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
    - (D) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth respectively in 6.9.1(F) and 6.9.2(A) following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.
    - (E) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-1XXX or 950-0XXX. A uniform access code(s) will be assigned to the customer for the customer's domestic communications and another will be assigned to the customer for its international communications, if required. These access codes will be the assigned access numbers of all FGB switched access service provided to the customer by the Telephone Company.
    - (F) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is ordered. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)

- 6.6.1 Description (Cont'd)
  - (G) FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed.

The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer.

Calls in the terminating direction will not be completed to 950-1XXX or 950-0XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 or 101XXXX access codes. FGB may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C and D.

- (H) When all FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
- (I) For FGB switched access service to a Mobile Telephone Switching Office (MTSO) directly interconnected to a Telephone Company access tandem office, the customer will be billed only the Local Transport rate element for the FGB usage. The mileage used to determine the monthly rate for the local transport rate element is as set forth in 6.4.6(G) preceding.
- (J) A customer who has FGB access may elect to have their FGB traffic routed over FGD trunks at the end office or access tandem. If the customer elects this option the FGB traffic will be rated at the FGD rates.

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)

### 6.6.2 Optional Features

Following are descriptions of the various nonchargeable optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group B. They are set forth in (A), (B) and (C) following and are provided as Common Switching, Transport Termination and Local Transport options. Additionally, other optional features provided in local tariffs are set forth in (D) following.

(A) <u>Common Switching Options</u>

Descriptions of the common switching optional features are set forth in 6.9 following.

- (1) <u>Automatic Number Identification (ANI)</u>
- (2) <u>Up to 7 Digit Outpulsing of Access Digits to Customer</u>
- (B) <u>Transport Termination Options</u>
  - (1) Rotary Dial Station Signaling
- (C) Local Transport Options
  - (1) Customer Specification of Local Transport Termination
  - (2) Optional Supervisory Signaling
  - (3) Customer Specified Entry Switch Receive Level

Inasmuch as these options concern transmission levels and signaling they are set forth in 15.1.1 following.

(D) Optional Features Provided In Local Tariffs

Another feature, Bill Number Screening, which may be available in connection with FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)

#### 6.6.3 Design and Traffic Routing

For Feature Group B, the trunk directionality and traffic routing of the Switched Access Service between the customer designated premises and the entry switch are determined by the customer's order for service. Additionally, the customer may order the optional feature Customer Specification of Local Transport Termination as set forth in 15.1.1 following.

#### 6.6.4 Measuring Access Minutes

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

For both originating and terminating calls over FGB the measured minutes are the chargeable access minutes.

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

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

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

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.6 <u>Description and Provision of Feature Group B (FGB)</u> (Cont'd)

#### 6.6.4 Measuring Access Minutes (Cont'd)

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

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

#### 6.6.5 <u>Testing Capabilities</u>

FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.2.4 preceding which are included with the installation of service (Acceptance Testing) and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing, and Additional Manual Testing are available as set forth in 13.3.1 following.

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.7 Description and Provision of Feature Group C (FGC)

# 6.7.1 <u>Description</u>

- (A) FGC Access provides trunk side access to Telephone Company end office switches for the customer's use in originating and terminating communications. Originating and terminating FGC Access is available to providers of MTS and WATS. Originating FGC Access is available to all customers when used to provide the Interim NXX Translation optional feature or 800/888/877 Database Service. Terminating FGC access is available to all customers other than providers of MTS and WATS when such access is used in conjunction with the provision of the Interim NXX Translation optional feature or 800/888/877 Database Service, but only for purposes of testing. Existing FGC Access will be converted to Feature Group D Access when Feature Group D Access becomes available in an end office.
- (B) Feature Group C switching is provided at all end office switches unless Feature Group D end office switching is provided in the same office. When FGD switching is available, FGC switching will not be provided. FGC is provided at Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. Feature Group C switching is furnished to providers of MTS and WATS. Additionally, originating Feature Group C switching is available to all customers when used to provide the Interim NXX Translation optional feature or 800/888/877 Database Service. Terminating Feature Group C switching is available to all customers who are not MTS and WATS providers only when such terminating access is for purposes of testing Feature Group C facilities provided in conjunction with the Interim NXX Translation optional feature or 800/888/877 Database Service.

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### ACCESS SERVICE SECTION 6 Switched Access Service

- 6.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
  - 6.7.1 <u>Description</u> (Cont'd)
    - (C) FGC is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial start-pulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
    - (D) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial pulse or immediate dial pulse signaling, whichever is available. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided.
    - (E) No access code is required for FGC switching. The telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

- 6.7.1 <u>Description</u> (Cont'd)
  - (F) FGC switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customer's services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, the customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL IT) Network Services. Additionally, non-access charges will also be billed for calls from a FGC trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-1XXX or 950-0XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 and 101XXXX access codes. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

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ACCESS SERVICE SECTION 6 Switched Access Service

# 6.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)

### 6.7.1 Description (Cont'd)

- (G) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGC switching arrangement provided. Different types of FGC or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (H) Unless prohibited by technical limitations the providers of MTS and WATS may, at their option, combine Interim NXX Translation and/or 800/888/877 Database traffic in the same trunk group arrangement with their non-Interim NXX Translation traffic. When required by technical considerations, or when provided to a customer other than the provider of MTS and WATS, or at the request of the customer (i.e., provider of MTS and WATS), a separate trunk group will be established for Interim NXX Translation and/or 800/888/877 Database traffic.

#### 6.7.2 Optional Features

Following are descriptions of the various nonchargeable and chargeable optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group C. Nonchargeable optional features are provided as Common Switching, Transport Termination and Local Transport options as set forth in (A) through (C) following. Chargeable optional features are set forth in (D) following.

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# ACCESS SERVICE SECTION 6 Switched Access Service

- 6.7 Description and Provision of Feature Group C (FGC) (Cont'd)
  - 6.7.2 Optional Features (Cont'd)
    - (A) <u>Common Switching Options</u>

Descriptions of the common switching optional features are set forth in 6.9 following.

- (1) <u>Automatic Number Identification (ANI)</u>
- (2) <u>Signaling Options</u>
  - (a) <u>Delay Dial Start-Pulsing Signaling</u>
  - (b) Immediate Dial Pulse Address Signaling
  - (c) Dial Pulse Address Signaling
- (3) <u>Service Class Routing</u>
- (4) <u>Alternate Traffic Routing</u>
- (5) <u>Trunk Access Limitation</u>
- (B) <u>Transport Termination Options</u>
  - (1) Operator Trunk Coin, Non-Coin, or Combined Coin and Non-Coin

The Operator Trunk option is set forth in 6.9.2(B) following.

(C) Local Transport Options

One optional feature is available with Local Transport associated with FGC. That optional feature is Supervisory Signaling and, due to its technical nature, is set forth in 15.1.1 following.

- (D) Chargeable Optional Features
  - (1) Interim NXX Translation

The Interim NXX Translation Optional Feature is set forth in 6.9.3(A) following.

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)

### 6.7.3 Design and Traffic Routing

For Feature Group C, the Telephone Company shall design and determine the routing of Switched Access Service, including the selection of the first point of switching and the selection of facilities from the interface to any switching point and to the end offices where busy hour minutes of capacity are ordered. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment.

Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and the Telephone Company traffic routing plans. If the customer desires routing or directionality different from that determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service.

### 6.7.4 <u>Measuring Access Minutes</u>

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

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# ACCESS SERVICE SECTION 6 Switched Access Service

- 6.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)
  - 6.7.4 Measuring Access Minutes (Cont'd)

For terminating calls over FGC when measurement capability exists, the measured minutes are the chargeable access minutes. For originating calls over FGC, chargeable originating access minutes are derived from recorded minutes in the following manner:

- Step 1: Obtain recorded originating minutes and messages, sourcing from the appropriate recording data.
- Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR) are obtained separately for the major call categories such as DDD, operator, 800/888/877, 900, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgement from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.
- Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incompleted attempts. The total NCTA is the time on a completed attempt from customer acknowledgement of receipt of call to called party answer (set up and ringing) plus the time on an incompleted attempt from customer acknowledgment of call until the access tandem or end office receives a disconnect signal (ring no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.
- Step 4: Obtain total chargeable originating access minutes by adding the total NCTA (obtained in Step 3) to the recorded originating measured minutes (obtained in Step 1). That is, Measured Minutes plus NCTA equals Chargeable Originating Access Minutes.

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# ACCESS SERVICE SECTION 6 Switched Access Service

- 6.7 Description and Provision of Feature Group C (FGC) (Cont'd)
  - 6.7.4 Measuring Access Minutes (Cont'd)

The ratios and factors used above should be the same as those used in the development of the access rates.

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

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

- (1) Total Attempts = <u>1,000(m. Mes)</u> = 1,333.3 .75 (CR)
- (2) Total NCTA = .4 (NCTA per Attempt) x 1,333.33 = 533.33
- (3) Total Chargeable Originating Access Minutes = 7,000(M. Min) + 533.33(NCTA) = 7,533.33

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

#### Originating Usage

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

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

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

#### 6.7.4 Measuring Access Minutes (Cont'd)

#### Terminating Usage

For terminating calls over FGC the chargeable access minutes are either measured or imputed. For terminating calls over FGC where measurement capability does not exist, terminating FGC usage is imputed from originating usage, excluding usage from calls to closed end services or Directory Assistance Services.

For terminating calls over FGC where measurement capability exists, the measurement of chargeable access minutes begins when the terminating FGC first point of switching receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered. This measurement ends when the terminating FGC first point of switching receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)

### 6.7.5 Design Blocking Probability

The Telephone Company will design the facilities used in the provision of Switched Access Service FGC to meet the blocking probability criteria as set forth in (A) and (B) following.

- (A) For Feature Group C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (B) The Telephone Company will perform routine measurement functions to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity) 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.

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

#### 6.7.5 Design Blocking Probability

- (B) (Cont'd)
  - (1) For transmission paths carrying only first routed traffic direct between an end office and customer's designated premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

. . . . .

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. . .

Number of Transmission Paths <u>Per Trunk G</u> roup	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Meas. Meas.	11-14 Meas.	7-10 Meas	3-6 5.
2	7%	8%	9%	14%
3	5%	6%	7%	9%
4	5%	6%	7%	8%
5-6	4%	5%	6%	7%
7 or more	3%	3.5%	4%	6%

. .

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

Number of Transmission Paths <u>Per Trunk Group</u>	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Meas. Meas.	11-14 Meas.	7-10 Meas.	3-6
2	4.5%	5.5%	6.0%	9.5%
3	3.5%	4.0%	4.5%	6.0%
4	3.5%	4.0%	4.5%	5.5%
5-6	2.5%	3.5%	4.0%	4.5%
7 or more	2.0%	2.5%	3.0%	4.0%

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.7 <u>Description and Provision of Feature Group C (FGC)</u> (Cont'd)

### 6.7.6 Testing Capabilities

FGC is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.2.4 preceding which are included with the installation of service (Acceptance Testing) and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing and Additional Manual Testing are available as set forth in 13.3.1 following.

# 6.8 Description and Provision of Feature Group D (FGD)

# 6.8.1 <u>Description</u>

- (A) FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches.
- (B) FGD is provided at Telephone Company designated end office switches whether routed directly or via Telephone Company designated electronic access tandem switches.
- (C) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (D) FGD switching is provided with multifrequency address signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

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### ACCESS SERVICE SECTION 6 Switched Access Service

- 6.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)
  - 6.8.1 <u>Description</u> (Cont'd)
    - (E) FGD switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-1XXX or 950-0XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 and 101XXXX access codes. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.
    - (F) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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### ACCESS SERVICE SECTION 6 Switched Access Service

### 6.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)

- 6.8.1 <u>Description</u> (Cont'd)
  - (G) The access code for FGD switching is a uniform access code of the form 101XXXX. A uniform access code(s) will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer.

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

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

(H) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing the 101XXXX uniform access code. Each telephone exchange service line may be marked with a code to identify which 101XXXX code its calls will be directed to for interLATA service.

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)

- 6.8.1 <u>Description</u> (Cont'd)
  - (I) Unless prohibited by technical limitations, the customer's Interim NXX Translation and/or 800/888/877 Database traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-Interim NXX Translation and/or 800/888/877 Database traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for Interim NXX Translation and/or 800/888/877 Database traffic.
  - (J) When a customer has had FGB access in an end office and subsequently replaces the FGB access with FGD access, at the mutual agreement of the customer and the Telephone Company, the Telephone Company will direct calls dialed by the customer's end users using the customer's previous FGB access code to the customer's FGD access service. The customer must be prepared to handle normally dialed FGD calls, as well as calls dialed with the FGB access code which requires the customer to receive additional address signaling from the end user. Such calls will be rated as FGD. The Telephone Company may, with 90 days' written notice to the customer, discontinue this arrangement.
  - (K) For FGD switched access service to a Mobile Telephone Switching Office (MTSO) directly interconnected to a Telephone Company access tandem office, the customer will be billed only the Local Transport rate element for the FGD usage. The mileage will be measured between the customer's serving wire center and the Telephone Company's access tandem office to which the MTSO is interconnected.
  - (L) A customer who has FGB access may elect to have their FGB traffic routed over FGD trunks at the end office or access tandem. If the customer elects this option the FGB traffic will be rated at the FGD rates.

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)

#### 6.8.2 Optional Features

Following are the various nonchargeable and chargeable optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group D. Nonchargeable Optional Features are provided as Common Switching, Transport Termination and Local Transport options as set forth in (A) through (C) following. Chargeable optional features are set forth in (D) following.

(A) <u>Common Switching Options</u>

Descriptions of the common switching optional features are set forth in 6.9 following.

- (1) <u>Automatic Number Identification (ANI)</u>
- (2) <u>Service Class Routing</u>
- (3) Alternate Traffic Routing
- (4) <u>Trunk Access Limitation</u>
- (5) Call Gapping Arrangement
- (6) International Carrier Option
- (B) <u>Transport Termination Options</u>
  - (1) <u>Operator Trunk Full Feature</u> The Operator Trunk optional feature is set forth in 6.9.2(C) following.
- (C) Local Transport Options

One optional feature is available with Local Transport associated with FGD. That optional feature is Supervisory Signaling and, due to its technical nature, is set forth in 15.1.1 following.

- (D) <u>Chargeable Optional Features</u>
  - Interim NXX Translation The Interim NXX Translation Optional Feature is set forth in 6.9.3(A) following.

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### ACCESS SERVICE SECTION 6 Switched Access Service

# 6.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)

- 6.8.2 Optional Features (Cont'd)
  - (D) <u>Chargeable Optional Features</u> (Cont'd)
    - (2) <u>Flexible Automatic Number Identification (Flex ANI)</u>

The Flex ANI Optional Feature is provided as set forth in 6.9.3 following.

#### 6.8.3 Design and Traffic Routing

For Feature Group D, the Telephone Company shall design and determine the routing of Switched Access Service, including the selection of the first point of switching and the selection of facilities from the interface to any switching point and to the end offices where busy hour minutes of capacity are ordered. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment.

Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and the Telephone Company traffic routing plans. If the customer desires routing or directionality different from that determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service.

#### 6.8.4 Measuring Access Minutes

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

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# ACCESS SERVICE SECTION 6 Switched Access Service

### 6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

#### 6.8.4 Measuring Access Minutes (Cont'd)

#### Originating Usage

For originating calls over FGD the measured minutes are the chargeable access minutes.

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

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

#### Terminating Usage

For terminating calls over FGD the chargeable access minutes are either measured or imputed.

For terminating calls over FGD where measurement capability exists, the measurement of chargeable access minutes begins when the terminating FGD first point of switching receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered. This measurement ends when the terminating FGD first point of switching receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

For terminating calls over FGD, where measurement capability does not exist, terminating FGD usage is imputed from originating usage, excluding usage from calls to closed end services or Directory Assistance Services.

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## ACCESS SERVICE SECTION 6 Switched Access Service

- 6.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)
  - 6.8.5 Design Blocking Probability

The Telephone Company will design the facilities used in the provision of Switched Access Service FGD to meet the blocking probability criteria as set forth in (A) and (B) following.

- (A) For Feature Group D, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods as set forth in reference document <u>Telecommunications Transmission</u> <u>Engineering Volume 3 Networks and Services</u> (Chapters 6-7) will be used by the Telephone company to determine the number of transmission paths required to achieve this level of blocking.
- (B) The Telephone Company will perform routine measurement functions to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity or 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.

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## 6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

- 6.8.5 Design Blocking Probability (Cont'd)
  - (B) (Cont'd)
    - (1) For transmission paths carrying only first routed traffic direct between an end office and customer's designated premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Measured Blocking Thresholds in the Time Consistent Busy HourNumber offor the Number of MeasurementsTransmission PathsTaken Between 8:00 a.m. and 11:00 p.r						
Per Trunk Group Per Trunk Group					-	
	15 - 20	11 - 14	7 - 10	3 - 6		
Measurements Measurements Measurements Measurements						
2	7%	8.0%	9.0%		14.0%	
3	5%	6.0%	7.0%		9.0%	
4	5%	6.0%	7.0%		8.0%	
5-6	4%	5.0%	6.0%		7.0%	
7 or more	3%	3.5%	4.0%		6.0%	

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

Measured Blocking Thresholds in the Time Consistent Busy Hou			usy Hour			
Number of		for the Nu	for the Number of Measurements			
Transmission P	aths	Taken Be	Taken Between 8:00 a.m. and 11:00 p.m.			
Per Trunk Grou	lb	F	Per Trunk Group			
	15 - 20	11 - 1	4 7 - 10	3 - 6		
	Measurements Measu	irements I	Measurements	Measurements		
2	4.5%	5.5%	6.0%	9.5%		
3	3.5%	4.0%	4.5%	6.0%		
4	3.5%	4.0%	4.5%	5.5%		
5-6	2.5%	3.5%	4.0%	4.5%		
7 or more	2.0%	2.5%	3.0%	4.0%		

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## ACCESS SERVICE SECTION 6 Switched Access Service

# 6.8 <u>Description and Provision of Feature Group D (FGD)</u> (Cont'd)

### 6.8.6 Testing Capabilities

FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.2.4 preceding, which are included with the installation of service (Acceptance Testing) and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing and Additional Manual Testing, are available as set forth in 13.3.1 following.

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# ACCESS SERVICE SECTION 6 Switched Access Service

## 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> Service Optional Features

Following are descriptions of the various optional features that are available in lieu of, or in the addition to, the standard features provided with the Feature Groups. They are provided as Common Switching, Transport Termination, Interim NXX Translation options or Operator Transfer Service options.

### 6.9.1 <u>Common Switching Optional Features</u>

The following table shows the Feature Groups with which the optional features are available.

		Available Feature Groups			
	Option	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
A)	Call Denial on Line or Hunt Group		Х		
B)	Service Code Denial on Line or Hunt Group	p X			
C)	Hunt Group Arrangement	Х			
D)	Uniform Call Distribution Arrangement	Х			
E)	Nonhunting Number for Use with Hunt Gro	up			
	or Uniform Call Distribution Arrangement	Х			
F)	Automatic Number Identification (ANI)		Х	Х	Х
G)	Up to 7 Digit Outpulsing of Access				
	Digits to Customer		Х		
H)	Delay Dial Start-Pulsing Signaling			Х	
I)	Immediate Dial Pulse Address Signaling			Х	
J)	Dial Pulse Address Signaling			Х	
K)	Service Class Routing			Х	Х
L)	Alternate Traffic Routing			Х	Х
M)	Trunk Access Limitation			Х	Х
N)	Call Gapping Arrangement				Х
O)	International Carrier Option				Х

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)

- 6.9.1 Common Switching Optional Features (Cont'd)
  - (A) <u>Call Denial on Line or Hunt Group</u>

This option allows for the screening of terminating Feature Group A calls. There are two screening arrangements available with this option as follows: 1) limiting terminating calls for completion to only 411 or 555-1212 whichever is available, 611, 911, 800/888/877 and a Telephone Company specified set of NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided or, 2) limiting terminating calls to completion to only the NXXs associated with all end offices in the LATA, i.e., the call cannot be further switched or routed out of the LATA nor will calls be completed to 411 or 555-1212 whichever is available, 611, 911 or 800/888/877. All other calls are routed to a reorder tone or recorded announcement. Arrangement 1 is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices. Arrangement 2 is provided where available. This feature is available with Feature Group A.

(B) <u>Service Code Denial on Line or Hunt Group</u>

This option allows for the screening of terminating calls within the LATA, and for disallowing completion of calls to 0-, 555 and N11 (e.g., 411, 611, and 911). This feature is provided where available in all Telephone Company end offices. It is available with Feature Group A.

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> Service Optional Features (Cont'd)

- 6.9.1 <u>Common Switching Optional Features</u> (Cont'd)
  - (C) Hunt Group Arrangement

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Feature Group A. All Feature Group A access services in the same hunt group must provide off-hook supervisory signaling from the same point in time in the call sequence i.e., all off-hook supervisory signals must either be provided by the customer's equipment before the called party answers or all must be forwarded by the customer's equipment when the called party answers.

#### (D) <u>Uniform Call Distribution Arrangement</u>

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

# (E) <u>Nonhunting Number for Use with Hunt Group or Uniform Call Distribution</u> <u>Arrangement</u>

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

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)

- 6.9.1 <u>Common Switching Optional Features</u> (Cont'd)
  - (F) <u>Automatic Number Identification (ANI)</u>
    - (1) This option provides the automatic transmission of a seven digit or ten digit number and information digits to the customer designated premises for calls originating in the LATA, to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with:
      - (a) all individual transmission paths in a trunk group routed directly between an end office and a customer designated premises or, where technically feasible, with
      - (b) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a customer designated premises.
    - (2) The seven digit ANI telephone number is generally available with Feature Groups B and C. With these Feature Groups, technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines, pay telephones using Feature Group B, or when an ANI failure has occurred. Seven digit ANI is nit available with SS7 Signaling.

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)

- 6.9.1 <u>Common Switching Optional Features</u> (Cont'd)
  - (F) <u>Automatic Number Identification (ANI)</u>(Cont'd)
    - (3) The ten digit ANI telephone number is only available with Feature Group D. 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 multiparty line or ANI failure, in which case only NPA will be transmitted (in addition to the information digit described below). Ten digit ANI is provided with multifrequency address signaling or SS7 Signaling.
    - (4) With Feature Group C, at the option of the customer, ANI may be ordered from end offices where Telephone Company recording for end user billing is not provided. Additionally, ANI is provided from end offices where message detail recording is not required by the Telephone Company; as with 800/888/877 service. ANI is not provided from end offices where the Telephone Company forwards ANI to its recording equipment.

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# ACCESS SERVICE SECTION 6 Switched Access Service

- 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)
  - 6.9.1 <u>Common Switching Optional Features</u> (Cont'd)
    - (F) <u>Automatic Number Identification (ANI)</u> (Cont'd)
      - (5) Where complete ANI detail cannot be provided, e.g., on calls from 4 and 8 party services, information digits will be provided to the customer.

The information digits identify:

- (a) telephone number is the station billing number no special treatment required,
- (b) multiparty line telephone number is a 4- or 8- party line and cannot be identified - number must be obtained via an operator or in some other manner,
- (c) ANI failure has occurred in the end office switch which prevents identification of calling telephone number must be obtained by operator or in some other manner,
- (d) hotel/motel originated call which requires room number identification,
- (e) pay telephones, hospital, inmate, etc. call which requires special screening or handling by the customer, and
- (f) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The AIOD ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party.

These ANI information digits are generally available with Feature Groups B, C, and D.

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# ACCESS SERVICE SECTION 6 Switched Access Service

- 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)
  - 6.9.1 <u>Common Switching Optional Features</u> (Cont'd)
    - (F) <u>Automatic Number Identification (ANI)</u> (Cont'd)
      - (6) Additional ANI information digits are available with Feature Group D also. They include:
        - (a) InterLATA restricted telephone number is identified line
        - (b) InterLATA restricted hotel/motel line
        - (c) InterLATA restricted coinless, hospital, inmate, etc., line

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

- (7) Restrictions on Use and Sale of ANI
  - (a) Access customers of this tariff may use ANI in the following manner:
    - (i) For billing and collection information, for routing, screening, and completing the originating subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction.

The customer may use ANI to offer a product or service that is directly related to the products or services previously acquired from the customer by the originating subscriber.

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# ACCESS SERVICE SECTION 6 Switched Access Service

- 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)
  - 6.9.1 <u>Common Switching Optional Features</u> (Cont'd)
    - (F) <u>Automatic Number Identification (ANI)</u> (Cont'd)
      - (7) <u>Restrictions on Use and Sale of ANI</u> (Cont'd)
        - (b) Access customers of this tariff <u>may not</u> use ANI in the following manner:
          - (i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber for such reuse or resale.
          - (ii) Disclosing (except as permitted in (a), preceding), any information derived from the ANI for any purpose <u>other</u> than: 1)performing the services or transactions that are the subject of the originating subscriber's call, 2) ensuring network performance security and the effectiveness of call delivery, 3) compiling, using, and disclosing aggregate information, and 4) complying with applicable law or legal process.
          - (8) Charges for ANI apply only to Feature Group D Originating Trunks. Rates are as set forth in section 17.

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

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

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)

# 6.9.1 <u>Common Switching Optional Features</u> (Cont'd)

### (H) <u>Delay Dial Start - Pulsing Signaling</u>

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

### (I) Immediate Dial Pulse Address Signaling

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

### (J) Dial Pulse Address Signaling

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

### (K) Service Class Routing

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

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)

- 6.9.1 <u>Common Switching Optional Features</u> (Cont'd)
  - (L) Alternate Traffic Routing

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

# (M) 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, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which could not be completed over the subset of transmission paths in the trunk group, i.e., the choked calls, would be routed to reorder tone. It is provided in all Telephone Company electronic end offices and where available in electromechanical end offices. It is available with Feature Groups C and D.

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# ACCESS SERVICE SECTION 6 Switched Access Service

- 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)
  - 6.9.1 <u>Common Switching Optional Features</u> (Cont'd)
    - (N) Call Gapping Arrangement

This option, provided in suitably equipped end office switches, provides for the routing of originating calls to 900 service to be switched in the end office to all transmission paths in a trunk group at a prescribed rate of flow, e.g., one call every five seconds, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which are denied access by this feature, i.e., the choked calls, would be routed to a no-circuit announcement. It is provided in selected Feature Group D equipped end offices and is available only with Feature Group D.

(O) International Carrier Option

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

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)

# 6.9.2 <u>Transport Termination Optional Features</u>

(A) Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the customer designated premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B, only on a directly trunked basis.

(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available only with Feature Group C and is provided in electronic end offices and other Telephone Company end offices where equipment is available. It is provided as a trunk type of Transport Termination.

### Coin, Non-Coin

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

This arrangement is normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's automated operator services systems, rather than in the customer's manual cord boards.

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)

- 6.9.2 <u>Transport Termination Optional Features</u> (Cont'd)
  - (B) Operator Trunk Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

Combined Coin and Non-Coin:

When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

(C) Operator Trunk - Full Feature

This option provides the initial coin return control function to the customer's operator. It is available with Feature Group D and is provided as a trunk type for Transport Termination.

#### 6.9.3 Other Optional Features

(A) Interim NXX Translation

This service is an originating offering utilizing trunk side Switched Access Service and provides a customer identification function based on the dialed SAC and NXX code.

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)

- 6.9.3 Other Optional Features
  - (A) Interim NXX Translation (Cont'd)

For example, when an 1+900+NXX-XXXX call is originated by an end user, the Telephone Company will perform the customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. If the call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an office at which the function is available. Once customer identification has been established, the call will be routed to that customer. Calls originating from an end office switch at which the customer identification function is performed, but to which the customer has not ordered Interim NXX Translation, will be blocked. Calls to a 900 number from coin telephones, 0+, 0-, 101XXXX, Inmate Service, Hotel/Motel Service and calling card calls will be blocked.

The manner in which Interim NXX Translation 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 Interim NXX Translation is provided from an end office not equipped with equal access capabilities, it will be provided in conjunction with FGC Switched Access Service.

The charge for Interim NXX Translation is as set forth in Section 17 following.

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# ACCESS SERVICE SECTION 6 Switched Access Service

6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)

# 6.9.3 Other Optional Features

(B) Operator Transfer Service

At the option of the customer, Operator Transfer Service, as specified following, is available for use with FGC and FGD Switched Access Service. Operator Transfer Service is ordered as set forth in Section 5 preceding and is provided to the customer via separate FGC or FGD trunks dedicated to Operator Transfer Service traffic.

Operator Transfer Service is an arrangement in which Company operators transfer 0-calls (calls for which the end user dials 0 with no additional digits) to the customer designated by the end user.

The operator transfer function will be performed in the following manner:

- The operator answers the 0-call
- Initially, the operator will suggest that the end user dial the customer on a direct basis. If the end user insists that the operator transfer the call, the operator will ask the end user to identify the desired customer and will then transfer the call as directed.
  - If the end user has no preference, or the identified customer has not subscribed to Operator Transfer Service, the end user will be asked to select from a list of available customers.

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# ACCESS SERVICE SECTION 6 Switched Access Service

6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)

# 6.9.3 Other Optional Features

(B) <u>Operator Transfer Service</u> (Cont'd)

The list of available Operator Transfer Service customers will be updated monthly. The order in which customers will be read to end users will be initially determined by the sequence in which customers have ordered the Operator Transfer Service. For each subsequent month, following the initial order for Operator Transfer Service, the customer in the first position on the list will be moved to the last position on the list. All other customer son the list will be moved up one position, e.g. 3rd to 2nd, 2nd to first, etc. New Operator Transfer Service customers on the list will initially be placed at the bottom of the list of customers.

0-Public Coin calls will be transferred to the end user designated customer. In order to accept coin sent-paid calls, the customer must order signaling as specified in TR-TSY-000506 and TR-NFL-00258.

The customer may receive inband, multi-wink, or expanded inband coin control signaling, where available, from end offices served by an Operator Services Access Point. Different signaling types cannot be mixed on a signal trunk group.

All non-recurring and usage sensitive rates and charges normally applicable to FGC or FGD apply to Operator Transfer Service. Additionally, a charge as specified in 6.1.3(C) (2) preceding and as set forth in the concurring company's rate schedule is assessed the customer per 0-call transferred.

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# ACCESS SERVICE SECTION 6 Switched Access Service

# 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)

# 6.9.3 Other Optional Features (Cont'd)

(C) 800/888/877 Database Access Service

800/888/877 Database Access Service is provided with FGC or FGD switched access service, When a 1+800/888/877+NXX-XXXX call is originated by an end user, the company will utilize the Signaling System 7 (SS7) network to query an 800/888/877 database to perform the identification function. The call will then be routed to the identified customer over FGC or FGD switched access.

The manner in which 800/888/877 database access service is provided is dependent on the availability of SS7 service at the end office from which the service is provided as outlined following:

- When 800/888/877 database access service originates at an end office equipped with Service Switching Point (SSP) capability for querying centralized databases, all such service will be provisioned from that end office.
- When 800/888/877 database access service originates at an end office not equipped with SSP customer identification capability, the 800/888/877 call will be delivered to the access tandem on which the end office is homed and which is equipped with the SSP feature to query centralized databases.
- Query charges set forth in Section 17, Rates and Charges, are in addition to those charges applicable for the Feature Group C or Feature Group D switched access service.

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# ACCESS SERVICE SECTION 6 Switched Access Service

- 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)
  - 6.9.3 <u>Other Optional Features</u> (Cont'd)
    - (D) <u>Automatic Number Identification</u>

Automatic Number Identification (ANI) information relating to a telephone customer, where available under any other provision of this tariff, is provided to the customer (ANI recipient) under the following terms and conditions:

- (1) The ANI recipient or its designated billing agent may use or transmit ANI information to third parties for billing and collection, routing, screening ensuring network performance, and completion of a telephone customer's call or transaction, or for performing a service directly related to the telephone customer's original call or transaction.
- (2) The ANI recipient may offer to any telephone customer with whom the ANI recipient has an established customer relationship a product or service that is directly related to products or services previously purchased by the telephone customer from the ANI recipient.
- (3) The ANI recipient or its designated billing agent is prohibited from utilizing ANI information to establish marketing lists or to conduct outgoing marketing calls, except as permitted by the preceding paragraph, unless the ANI recipient obtains the prior written

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# ACCESS SERVICE SECTION 6 Switched Access Service

- 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)
  - 6.9.3 Other Optional Features (Cont'd)
    - (D) <u>Automatic Number Identification</u> (Cont'd)

consent of the telephone customer permitting the use of ANI information for such purposes. The foregoing provisions notwithstanding, no ANI recipient or its designated billing agent may utilize ANI information if prohibited elsewhere by law.

- (4) The ANI recipient or its designated billing agent is prohibited from reselling, or otherwise disclosing ANI information to any other third party for any use other than those listed in Paragraph 1, above, unless the ANI recipient obtains the prior written consent of the customer permitting such resale or disclosure.
- (5) Telephone Corporations must make reasonable efforts to adopt and apply procedures designed to provide reasonable safeguards against the aforementioned abuses of ANI.
- (6) Violation of any of the foregoing terms and conditions by any ANI recipient other than a Telephone Corporation shall result, after a determination through the Commission's complaint process, in suspension of the transmission of ANI by the Telephone Company until such time as the Commission receives written confirmation from the ANI recipient that the violations have ceased or have been corrected. If the Commission determines that there have been three or more separate violations in a 24 month period, delivery of ANI to the offending party shall be terminated under terms and conditions determined by the Commission.

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# ACCESS SERVICE SECTION 6 Switched Access Service

### 6.9 <u>Common Switching, Transport Termination and Interim NXX Translation and Operator Transfer</u> <u>Service Optional Features</u> (Cont'd)

# 6.9.3 <u>Other Optional Features</u> (Cont'd)

### (D) <u>Automatic Number Identification</u> (Cont'd)

Violation of any of the foregoing terms and conditions by a Telephone Corporation may result in Commission prosecution of penalty and enforcement proceedings pursuant to Sections 24, 25 and 26 of the Public Service Law.

#### (E) <u>Flexible Automatic Number Identification (Flex ANI)</u>

The Flex ANI feature is an optional switching feature and enhancement to ANI. This option is provided per end office on a Carrier Identification Code (CIC) basis and is available with Feature Group D service at end offices capable of providing this feature, as listed in the NATIONAL CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

Flex ANI is available on inband signaling or in the Originating Line Information Parameter in the Basic Initial Address Message (IAM) Delivery optional feature for SS7 signaling. Flex ANI provides additional values for the Information Indicator (ii) digits that are associated with various classes of service not available with the standard ANI digits. The customer must have ANI in order to have Flex ANI.

#### (F) <u>Carrier Identification Parameter (CIP)</u>

This feature enables customers to consolidate trunk groups to provide Equal Access connections for the carrier and its reseller carriers over one trunk group. The Carrier Identification Parameter (CIP) software delivers the Carrier Identification Code (CIC) in the initial address message (IAM) from an originating local exchange network on Feature Group D (FGD), SS7-supported calls. These calls include CIP for FGD, 700, 900+NXX & 800/888/877 Database type calls. Presubscribed carrier information in CIP will be used for normal 1+ presubscribed calls. This enables the information to be sent in the forward direction to the transit network indicating the transit network selected by the originating subscriber. This feature is offered on a per-carrier basis, see Section 17.2 for rates.