

**ACCESS SERVICE**6. Switched Access Service6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a communication path between a customer's premises and an end user's premises. It provides for the use of common terminating, switching and trunking facilities and 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's premises, and to terminate calls from a customer's 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 Section 6.2, following.

Rates and charges for Switched Access Service depend generally on its use by the customer. Rates and charges for Switched Access Service are set forth in Section 6.9, following. The application of rates for Switched Access Service is described in Section 6.8, following.

The provision of each Feature Group requires Local Transport facilities, including an Entrance Facility where required, and the appropriate End Office functions. In addition, Special Access Service may, at the option of the customer, be connected with Feature Groups C or D at Telephone Company designated WATS Serving Offices.

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The technical specifications for the Entrance Facility and Direct Trunked Transport are the same as those set forth in Section 7., following, for Voice Grade and High Capacity services. 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 Section 11., following.

6.2 Rate Categories

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

- Local Transport
- End Office
  - Local Switching
- Toll Free Number Data Base Access Service
- Common Line (described in Section 3. of the NATIONAL EXCHANGE CARRIER ASSOCIATION F.C.C No. 5 (Access Service))

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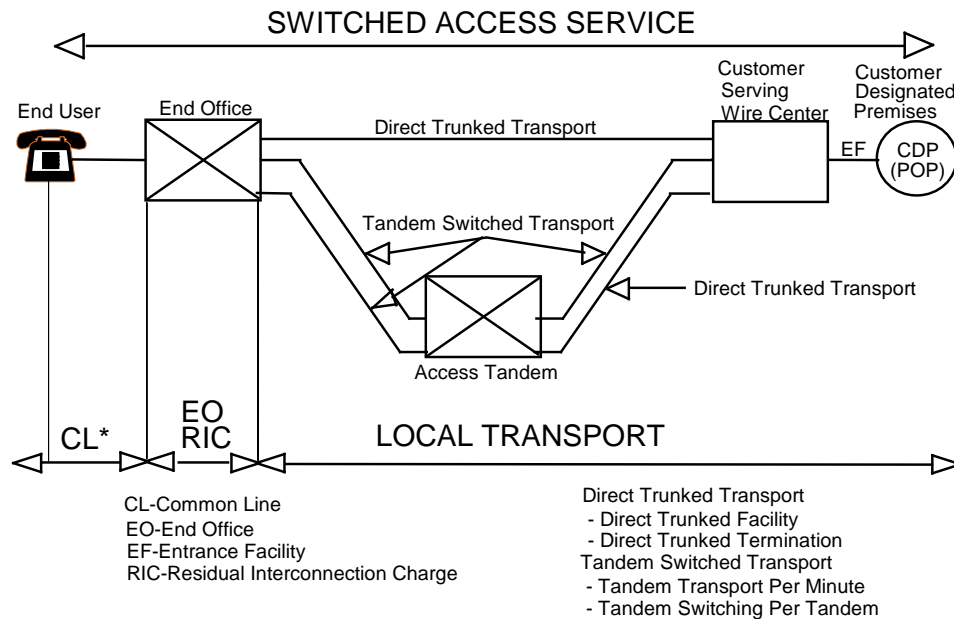
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**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)

The Feature Groups offered by the Telephone Company are described in Section 6.3, following. Premium rates apply for all Feature Group C or Feature Group D Switched Access connections on an access minute basis. Originating FGC or FGD access is available to all customers when used to provide the Interim NXX Customer Identification optional feature. Transitional rates will apply to all non AT&T originating Interim NXX access minutes. Access minutes are determined as described in Section 6.8.5, following. Premium rate classifications are described in Section 6.8.1(B), following.. 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 is provided under Section 3. of the NATIONAL EXCHANGE CARRIER ASSOCIATION Tariff F.C.C. NO. 5 (Access Service).

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**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(A) Local Transport

Local Transport provides the transmission and tandem switching facilities between the customer designated premises and each end office switch of the Telephone Company where the customer's traffic is switched when originating and terminating the customer's traffic. Some Local Transport rate elements are distance sensitive, while others are non-distance sensitive.

If the customer utilizes the facilities of another connecting exchange carrier to access the Telephone Company end office switch for the provision of switched access service, the Local Transport charge will provide facilities between the end office switch and the interconnection point with the connecting exchange carrier.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company in accordance with the customer's order specifying dedicated or common facilities. 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's designated premises) and in the terminating direction (from the customer's designated premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any type of plant capable of the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3,000 HZ. The customer must specify the choice of facilities (ie., Voice Grade 2- or 4-wire or High Capacity DS1 or DS3) to be used in the provision of the Direct Trunked Transport or Entrance Facility.

The customer must specify when ordering (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, (2) if Direct Trunked Transport is ordered, the type of facilities to be used (i.e., Voice Grade or DS1), (3) the type of Entrance Facility, (4) the directionality of the service, and (5) when multiplexing is required, the hub(s) at which the multiplexing will be provided. Additionally, when service is to be routed through an access tandem switch, the customer must specify whether the facility between the serving wire center and the tandem is to be provided as Direct Trunked Transport or Tandem Switched Transport.

**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(A) Local Transport (Cont'd)

The Telephone Company will work cooperatively with the customer to develop routing and other local transport arrangements.

In Host/Remote configurations, the Tandem Switched Termination rate will always apply for traffic routed between the Host and Remote offices, regardless of the type of service ordered between the Serving Wire Center and the Host office.

The Telephone Company will designate the serving wire center. The designated serving wire center will normally be that wire center which provides dial tone to the Telephone Company equal access tandem office identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. NO. 4.

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, where available, as set forth in Section 6.3.4(A)(1)(k), following.

Direct Trunked Transport is available at all end offices except those identified in the 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 Toll Free Number calls from non-Service Switching Point (SSP) equipped end offices that can not accommodate direct trunking of originating Toll Free Number calls.

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**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(A) Local Transport (Cont'd)

Local Transport is provided at the rates and charges set forth in Section 6.9.2, following. The application of these rates with respect to individual Feature Groups is as set forth in Section 6.3, following. When more than one Telephone Company is involved in providing the Switched Access Service, the Local Transport rates are applied as set forth in Section 2.4.5, preceding.

The Local Transport Rate Category includes five classes of rate elements: (1) Entrance Facility, (2) Residual Interconnection Charge, (3) Tandem Switched Transport, (4) Multiplexing, and (5) Direct Trunked Transport. Not all charges will apply for all issuing carriers.

(1) Non-Distance Sensitive Rate Elements(a) 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.

Two types of Entrance Facility are available: (1) Voice Grade 2- or 4- wire (an analog channel with an approximate bandwidth of 300 to 3,000 hz), and (2) High Capacity DS1 (an isochronous serial digital channel with a rate of 1.544 Mbps). The minimum period for which a DS1 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.

**ACCESS SERVICE**

6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(1) Non-Distance Sensitive Rate Elements (Cont'd)

(a) Entrance Facility (Cont'd)

At customer request, their 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.

(b) Residual Interconnection Charge

The Residual Interconnection Charge recovers the costs associated with Local Transport that are not recovered by the Entrance Facility, Direct Trunked Transport, Tandem Switched Transport, or Multiplexing rates. The Residual Interconnection Charge applies to all access minutes of use (i.e., both Tandem Switched and Direct Trunked).

(c) Tandem Switched Transport

The Tandem Switched Transport rate elements recover a portion of the costs associated with the communications path between the serving wire center and the end office between the tandem and the end office on circuits that are switched at a tandem switch, and between host and remote switching offices. Tandem Switched Transport consists of circuits dedicated to the use of a single customer from the serving wire center to the tandem and circuits used in common by multiple customers from the tandem to the end office.

Tandem Switched Transport rates consist of a Tandem Switching rate and a Tandem Transport rate.

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(M) Material formerly appearing on this page now appears on 1st Revised Page 69.1.3.

**ACCESS SERVICE**

6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(1) Non-Distance Sensitive Rate Elements (Cont'd)

(c) Tandem Switched Transport (Cont'd)

(1) Tandem Switching

(M)(T)

The Tandem Switching rate recovers a portion of the costs of switching traffic through an access tandem. The Tandem Switching rate described in Section 6.9.2(C), 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 the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. NO. 4 (Wire Center Information).

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(T)

(2) Tandem Transport

The Tandem Transport rate recovers a portion of the costs of the circuit equipment that is necessary for the termination of each end of the Tandem Switched Transport. The Tandem Transport rate also 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 Transport rate specified in Section 6.9.2(C), following, is applied on a per access minute basis (for all originating and terminating minutes of use routed over the facility) for each measured segment of the Tandem Switched Transport (remote office to host office, end office to serving wire center or end office to tandem). This rate applies from host office to remote office, even when Direct Trunking is ordered from the Serving Wire Center to the host office.

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(M) Material formerly appearing on Original Page 69.1.2 now appears on this page and material formerly appearing on this page now appears on Original Page 69.1.4.

**ACCESS SERVICE**6. Switched Access Service (Cont'd) (M)6.2 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(1) Non-Distance Sensitive Rate Elements (Cont'd)(c) Tandem Switched Transport (Cont'd)(2) Tandem Transport (Cont'd)

For issuing carriers granted a waiver from restructuring their local transport rates in accordance with CC Docket 91-213, the Tandem Transport rate only applies once for each transported access minute, and thus, does not apply separately for the segment from host office to remote office.

(d) 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. However, a DS1 to Voice Grade Multiplexing charge does not apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Transport 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 the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. NO. 4 (Wire Center Information).

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(2) Distance Sensitive Rate Elements(a) Direct Trunked Transport

The Direct Trunked Transport rate elements recover a portion of the cost associated with a communications path between the serving wire center and the end office or serving wire center and a tandem on circuits dedicated to the use of a single customer.

Direct Trunked Transport is available to all tandems and to all end offices except those identified in the 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 lack recording or measurement capability, and (2) for originating Toll Free Number calls from non-Service Switching Point (SSP) equipped end offices that can not accommodate direct trunking of originating Toll Free Number calls. (C)

Two types of Direct Trunked Transport are available: (1) Voice Grade (an analog channel with an approximate bandwidth of 300 to 3,000 Hz), and (2) High Capacity DS1 (an isochronous serial digital channel with a rate of 1.544 Mbps). The minimum period for which a High Capacity DS1 Direct Trunked Transport is provided is twelve months. (C)

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 the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. NO. 4 (Wire Center Information).

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**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(A) Local Transport (Cont'd)(2) Distance Sensitive Rate Elements (Cont'd)(a) Direct Trunked Transport (Cont'd)

Direct Trunked Transport rates, as described in Section 6.9.2(D), following, 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, 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.

**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(A) Local Transport(3) Interface Groups

Ten Interface Groups are provided for terminating the Entrance Facility at the customer's designated premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, the individual transmission path between the customer's designated premises and the first point of switching may at the option of the customer be provided with optional features as set forth in (2), following. The interface groups described in Section 11.1, following, and the optional features described in (2), following, are nonchargeable features. No additional charges other than the rate for Local Transport described in Section 6.9.2, following, apply.

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

Technical specifications concerning the available interface groups are set forth in Section 11.1, following.

**ACCESS SERVICE**

6. Switched Access Service (Cont'd)

6.2 Rate Categories (Cont'd)

(A) Local Transport

(4) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following nonchargeable optional features in association with Local Transport.

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as set forth in Section 11.1.12, following.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(B) End Office

The End Office rate category provides 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 rate element.

(1) Local Switching

The Local Switching (LS2) rate element provides the local end office switching functions associated with Feature Group C and Feature Group D and the transport termination for the trunk side arrangements which terminate the Local Transport facilities. The LS2 rate applies to FGC and FGD Switched Access Service. Rates for Local Switching are set forth in Section 6.9.3, following.

## (2)

(3) Directory Assistance Information Surcharge

Directory Assistance Information Surcharge rates are assessed to a customer based on the total number of access minutes.

Directory Assistance Information Surcharge rates are as set forth in Section 6.9.3(A), following.

(C)

(C) Toll Free Number Data Base Access Service

(C)

Toll Free Number Data Base Access Service is described in Section 6.3.4(A)(3)(a), following. Rates for this service are described in Section 6.9.4, following.

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**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.2 Rate Categories (Cont'd)(B) Reserved for Future Use6.3 Provision and Description of Switched Access Service Feature Group

Switched Access Service is provided in two Feature Group arrangements:

- Feature Group C
- Feature Group D

The Local Transport, End Office, and Common Line rate categories described in Section 6.2., preceding, apply to all Switched Access Service.

6.3.1 Manner of Provision

Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). FGC and FGD Access are furnished on a BHMC basis and on a per trunk basis as set forth in Section 5.3, preceding.

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 for carrying traffic from the end user to the customer. Terminating BHMCs represent access capacity for carrying traffic from the customer to the end user. When ordering capacity for FGC and FGD Access, the customer must at a minimum specify access capacity in terms of Originating BHMCs and/or Terminating BHMCs.

For Feature Groups C and D, when ordered on a per trunk basis, the customer specifies the type of transport facilities and the number of channels in the order for service.

**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Service (Cont'd)6.3.1 Manner of Provision (Cont'd)

For Tandem Switched Transport, 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 Section 5.3(A), preceding) for the end office 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 provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of the end office switches only, or (3) the use of the tandem switches only.

6.3.2 Feature Group C (FGC)(A) Description

- (1) FGC is provided at all Telephone Company end office switches. It is provided to the customer (i.e., provider of MTS) on a direct trunk basis or via Telephone Company designated access tandem switches. Originating FGC Access is available to all customers when used to provide the Interim NXX Translation optional features or Toll Free Number Data Base Access 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 Toll Free Number Data Base Access, but only for purposes of testing. Feature Group C Switching is provided at an end office switch unless Feature Group D end office switching is provided in the same office. When FGD Switching is available, FGC switching will not be provided.

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**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Service (Cont'd)6.3.2 Feature Group C (FGC) (Cont'd)(A) Description (Cont'd)

- (2) FGC is provided as trunk side switching. 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, immediate dial pulse signaling is provided. When FGC with SS7 signaling is ordered, no inband signaling is provided.
- (3) FGC switching is provided with multifrequency address signaling or out of band SS7 signaling where technically feasible. With multifrequency address signaling and SS7 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.
- (4) 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 of



**ACCESS SERVICE**

6. Switched Access Service

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

Reserved for Future Use

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Service (Cont'd)6.3.2 Feature Group C (FGC) (Cont'd)(A) Description (Cont'd)

## (4) (Cont'd)

Toll Free Number Data Base Access Service. (C)  
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 Toll Free Number Data Base Access Service. (C)

(5) The end user must dial a one digit access code to access the IC. In addition to the access code, 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.

(6) FGC switching when used in the terminating direction may be used to access valid telephone numbers in the local exchange area of the terminating end office switch.

(7) 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.

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Service (Cont'd)6.3.2 Feature Group C (FGC) (Cont'd)(A) Description (Cont'd)

(8) Unless prohibited by technical limitations the providers of MTS and WATS may, at their option, combine Interim NXX Translation and/or Toll Free Number Data Base 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 traffic and/or Toll Free Number Data Base. (C)

(B) 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, 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. Additional testing services are available as set forth in Section 9., following, for FGC.

(1) 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.

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**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.3.2 Feature Group C (FGC) (Cont'd)(B) Testing Capabilities (Cont'd)(1) Acceptance Testing (Cont'd)

When FGC with SS7 Signaling option is ordered, network compatibility and other operational tests will be performed cooperatively by the customer, the Telephone Company, and any agents contacted to provide CCSAC.

(2) Routine Testing

At no additional charge, the Telephone Company will, at the customer's request, test after installation on an automatic or manual basis, 1,004 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.

(C) Design and Traffic Routing

For Feature Group C, the Telephone Company shall design and determine the routing of Switched Access Service. Additionally, for Tandem Switched Transport the Telephone Company will design and determine the routing from the first point of switching to the end office. 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 actual traffic patterns.

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6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.3 Feature Group D (FGD)(A) Description

- (1) FGD is provided at Telephone Company designated office switches whether routed directly or via Telephone Company designated electronic access tandem switches. The Telephone Company will designate the first point(s) of switching for FGD services where the Telephone Company elects to provide equal access through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. NO. 4.
- (2) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling. When FGD with SS7 signaling is ordered, no inband signaling is provided.
- (3) FGD switching is provided with multifrequency address signaling or out of band SS7 signaling. With multifrequency address signaling and SS7 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.
- (4) FGD switching, when used in the originating direction, 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, dial pulse address signals, or common channel 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.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.3 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

- (5) FGD switching, when used in the terminating direction, may be used to access valid NXX's 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.

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 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes, or 10XXX access codes.

Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGD switching is combined with Directory Assistance switching. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups C or D.

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6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.3 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

- (6) 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.
- (7) The access code for FGD switching is a uniform access code of the form 10XXX. A single access code 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, as set forth in Section 9.3.3, following.

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 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD, 01 + CC + NN or 011 + CC + NN.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.3 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

## (7) (Cont'd)

When the 10XXX 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's premises.

Unless otherwise ordered by the F.C.C., when equal access is provided through a Centralized Equal Access arrangement, the 10XXX access code may not be available in certain equal access offices. Those offices which provide FGD Switched Access Service without the 10XXX access code are identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. NO. 4.

(8) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing 10XXX uniform access code. Each telephone exchange service line may be marked with a code to identify which 10XXX code its calls will be directed to for interLATA service.

(9) Unless prohibited by technical limitations, the customer's Interim NXX traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-Interim 900 traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for Interim NXX traffic.



**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.3 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

- (10) Unless prohibited by technical limitations, the customer's Interim NXX Translation and/or Toll Free Number Data Base 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 Toll Free Number Data Base traffic. (C)
- 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 Toll Free Number Data Base traffic. (C)

(B) 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.

When FGD with SS7 signaling option is ordered, network compatibility and other operational tests will be performed cooperatively by the customer, the Telephone Company, and any agents contacted to provide CCSAC.

(1) 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.

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**ACCESS SERVICE**

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

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

(C) Transmission Specifications

(Z)

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or C is provided.
- When routed to an access tandem only Type A is provided.
- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office. Type DB Data Transmission Parameters are provided with FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.

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(M)

(M) Material formerly appearing on this page now appears on 1st Revised Page 74.3.6.

**ACCESS SERVICE**

6. Switched Access Service (Cont'd)

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

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

(D) Design and Traffic Routing (Cont'd)

(M)(Z)

For Feature Group D, the Telephone Company shall design and determine the routing of Tandem Switched Access Transport 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.

(M)

For Feature Group D Direct Trunked Transport service, the Telephone Company will determine the routing of switched access service from the point of interface to the first point of switching or, if the customer specifies one or more hub locations for multiplexing, from the point of interface to that hub location, from one hub location to another hub location, and/or from a hub location to the first point of switching.

Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and actual traffic patterns. The Telephone Company will designate the first point(s) of switching and routing.

(M) Material formerly appearing on 1st Revised Page 74.3.5 now appears on this page.

**ACCESS SERVICE**

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features

(A) Optional Features

(1) Common Switching Nonchargeable Optional Features

(a) Signaling System 7 (SS7) Signaling

This feature provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between then end office switch or the tandem office switching system and the customer's designated premises. This feature is available only in offices where technically feasible as indicated in the NATIONAL EXCHANGE CARRIER ASSOCIATION INC. Tariff F.C.C. NO. 4. The signaling information is transmitted to the Telephone Company designated STP which may be provided by a separate entity. The customer must arrange CCSAC facilities with the entity providing the STP in order to receive SS7 signaling from the Telephone Company. This feature is available with FGC and FGD. This feature will be provided in accordance with the SS7 Interconnect specifications described in Technical Reference TR-TSV-000905.

(N)  
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(N)

When a customer orders SS7 Signalling, ANI and/or Calling Party Number will be provided with the SS7 Service.

**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(b) Calling Party Number (CPN)

This feature provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for calls originating in the LATA. The ten digit telephone number consists of the NPA plus the seven digit telephone number, which may or may not be the same number as the calling station's charge number. The ten digit telephone number will be coded as presented, or restricted via a "privacy indicator" for delivery to the called end user. This feature is automatically provided with originating FGC and FGD with SS7 signaling. CPN and SS7 are available only where technically feasible.

(C)  
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(C)

(1) Restrictions on Use and Sale of CPN

(a) Interstate access customers of this tariff may use CPN in the following manner:

(N)

- (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 CPN to offer a product or service that is directly related to the products or services previously acquired from the customer by the originating subscriber.

(N)(M)

(M) Material formerly appearing on this page now appears on Original Page 74.5.1.1

**ACCESS SERVICE**

**6. Switched Access Service (Cont'd)**

**6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)**

**6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)**

**(A) Optional Features (Cont'd)**

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

**(b) Calling Party Number (CPN) (Cont'd)**

**(1) Restrictions on Use and Sale of CPN (Cont'd)**

(N)

(b) Interstate access customers of this tariff may not use CPN in the following manner.

(i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber and obtaining the affirmative consent of such subscriber for such reuse or sale.

(ii) Disclosing (except as permitted in (a), preceding) any information derived from the CPN for any purpose other 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.

(N)

(M)

(M) Material formerly appearing on 1st Revised Page 74.5 now appears on this page.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)

(T)

(c) Charge Number Parameter (CNP) (Cont'd)

The Charge Number Parameter is equivalent to the existing ten digit Automatic Number Identification (ANI) available with FGC where technically feasible with MF signalling. The CNP provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information. This feature is provided with originating FGC and FGD with SS7 signalling.

(M)(T)

(T)

(1) Restrictions on Use and Sale of CNP

(M)

(a) Interstate access customers of this tariff may use CNP in the following manner.

(N)

(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 CNP to offer a product or service that is directly related to the products or services previously acquired from the customer by the originating subscriber.

(N)

(M)

(M) Material formerly appearing on 1st Revised Page 74.5 now appears on this page.

**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(c) Charge Number Parameter (CNP) (Cont'd)(1) Restrictions on Use and Sale of CNP (Cont'd)

b) Interstate access customers of this tariff may not use CNP in the following manner:

- i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber and obtaining the affirmative consent of such subscriber for such reuse or sale.
- ii) Disclosing except as permitted in (a), preceding, any information derived from the CNP for any purpose other 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.



**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(d) Automatic Number Identification (ANI)

(1) This option provides the automatic transmission of a seven 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 Group C. With Feature Group C, 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, coin stations, or when an ANI failure has occurred.

(M) Material formerly appearing on Original Page 74.5.1 now appears on this page.

**ACCESS SERVICE**

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

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

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

- (3) The ten digit ANI telephone number is only available with Feature Group D. When a customer orders SS7 Signaling, ANI will be automatically provided. In instances where ANI is unavailable, the customer will automatically receive the Charge Number Parameter feature as specified in Section 6.3.4(A)(1)(c), below. 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 the NPA will be transmitted (in addition to the information digit described below). Seven digit ANI is not available with SS7 signaling.

(C)  
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(C)

**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(d) Automatic Number Identification (ANI) (Cont'd)

- (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 Toll Free Number service. (C)

ANI will be automatically provided, where technically feasible, when a customer orders SS7 Signalling.

- (5) ANI is not provided from FGC end offices where the Telephone Company forwards ANI to its recording equipment. Where ANI cannot be provided, e.g., on calls from 4- and 8-party service, 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,

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**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(d) Automatic Number Identification (ANI) (Cont'd)

## (5) (Cont'd)

- (e) coinless station, 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 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 generally are available with Feature Groups C and D.

## (6) Additional ANI information digits are available with Feature Group D only. 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.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

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

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

(7) Restrictions on Use and Sale of ANI

a) Interstate access customers of this tariff may use ANI in the following manner:

- i) For billing & 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.

**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(d) Automatic Number Identification (ANI) (Cont'd)(7) Restrictions on Use and Sale of ANI (Cont'd)

b) Interstate access customers of this tariff  
may not use ANI in the following manner:

- i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber and obtaining the affirmative consent of such subscriber for such reuse or sale.
- ii) Disclosing (except as permitted in (a), preceding), any information derived from the CPN for any purpose other 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.

**ACCESS SERVICE**

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

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

(e) Revertive Pulse Address Signaling

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

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

This option is available with Feature Group C.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(f) Delay Dial Start-Pulsing Signaling

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 star-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.

(g) Dial Pulse Address Signaling

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

(h) Immediate Dial Pulse Address Signaling

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.



## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(i) Panel Call Indicator Address Signaling

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

(j) 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+ or 011+, or Service Access Code (e.g., 900)). It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups C and D.

(k) Alternate Traffic Routing

When the customer orders both Direct Trunked Transport and Tandem Switched Transport at the same end office, this option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic from the same end office or access tandem to a different trunk group (the "final" group) to the same or a second customer designated premises).

**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(k) Alternate Traffic Routing (Cont'd)

The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups C and D.

When alternate routing is available the FGD traffic will be directly measured. If the Telephone Company cannot measure the traffic, it will be estimated based on a 24-hour period representative of actual routing.

(l) 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.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(m) 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 other 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.

The customer shall provide the Telephone Company notification of media stimulated mass calling events (e.g. 8XX, 900 option polls). Such notification, if received at least twenty-four hours prior to the event, will enable the Telephone Company to institute call gapping controls, where capability exists, so the controls will be in place when the event begins. Call gapping will be instituted as needed to protect the customer's and Telephone Company's networks. (C)

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Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(n) 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 10XXX 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 the Telephone Company end offices or access tandems equipped for International Direct Distance Dialing. It is available with Feature Group D.

(o) Band Advance Arrangement for Use with Special  
Access Service Utilized in the Provision of WATS or  
WATS-Type Services

This option, which is provided in association with two or more Special Access Service groups, provides for the automatic overflow of terminating calls to a second Special Access Service group, when the first group has exceeded its call capacity. This option is available with Feature Groups C and D.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features  
(Cont'd)(p) End Office End User Line Service Screening  
for Use with Special Access Service Utilized in the Provision of  
WATS or WATS-Type Services

This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and/or NXX on the basis of geographical bands selected by the Telephone Company) which is in accordance with that end user's service agreement with the customer, e.g., WATS. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices which are designated as WATS Serving Offices. It is available with Feature Groups C and D.

(q) Hunt Group Arrangement for Use with Special  
Access Service Utilized in the Provision of WATS or  
WATS-Type Services

This option provides the ability to sequentially (C)  
access one of two or more Special Access Services utilized in the provision of WATS or WATS-type services (e.g. Toll Free Number Service Special access services) in the terminating direction, when the hunting number of the Special Access Service group is forwarded from the customer to the Telephone Company. This feature is provided in all Telephone Company designated WATS Serving Offices. It is available with Feature Groups C and D.

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Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(r) Uniform Call Distribution Arrangement for Use with  
Special Access Service Utilized in the Provision of  
WATS or WATS-Type Services

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available Special Access Services utilized in the provision of WATS or WATS-type Services in the hunt group. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups C and D.

(s) Nonhunting Number for Use with Hunt Group  
Arrangement or Uniform Call Distribution  
Arrangement for Use with Special Access Service  
Utilized in the Provision of WATS or WATS-Type  
Services

This option provides an arrangement for an individual Special Access Service utilized in the provision of WATS or WATS-type Services within a multiline hunt or uniform call distribution group that provides access to that Special Access Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in the Telephone Company designated WATS Serving Offices. It is available with Feature Groups C and D.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(t) Multifrequency Address Signaling

Multifrequency Address Signaling is available as an optional feature with FGC and FGD. This feature provides for the transmission of number information and control signals (e.g., number address signals, automatic number identification) between the end office switch and the customer's premises (in either direction). Multifrequency signaling arrangements make use of pairs of frequencies out of a group of six frequencies. Specific information transmitted is dependent upon feature group and call type (i.e., POTS, coin or operator). This feature is not available in combination with SS7 signaling.

(u) Carrier Selection Parameter (CSP)

This feature provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not the call being processed originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 10XXX. This feature is provided with originating FGD with SS7 signaling.

**ACCESS SERVICE****6. Switched Access Service (Cont'd)****6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)****6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)****(A) Optional Features (Cont'd)****(2) Transport Termination Non-Chargeable Optional Features****(a) Interim NXX Translation**

Interim NXX Translation will be provided in conjunction with FGC and FGD Switched Access Service.

Interim NXX Translation optional feature is an originating offering utilizing trunk side Switched Access Service. The service provides a customer identification function based on the dialed 900 number.

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 originated 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 the 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.



ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(2) Transport Termination Nonchargeable Optional Features

(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

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+, 011+ or, respectively. 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.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(2) Transport Termination Nonchargeable Optional Features (Cont'd)(b) Operator Trunk-Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

The operator assistance coin calling arrangement is also 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 TSPS systems, rather than in the customer's manual cord boards.

Non-Coin

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

The operator assistance non-coin calling arrangement is also 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 TSPS systems, rather than in the customer's manual cord boards. When so equipped, the ANI feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(2) Transport Termination Nonchargeable Optional Features (Cont'd)(b) Operator Trunk-Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

coinless public stations, dormitory or inmate stations, other screening arrangements agreed to between the customer and the Telephone Company.

Combined Coin and Non-Coin

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

This arrangement is normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's operator services systems, rather than the customer's manual cord boards. 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 public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(2) Transport Termination Nonchargeable Optional Features  
(Cont'd)

(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 trunk type for Transport Termination. Because it requires inband signaling, this feature is not available with the SS7 Signaling option.

**ACCESS SERVICE**

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(3) Chargeable Optional Features

(a) Toll Free Number Data Base Access Service (C)

Toll Free Number Data Base Access Service is (C)  
 provided to all customers in conjunction with FGC switched  
 access service. When a 1+Toll Free Number+NXX-XXXX call (C)  
 is originated by an end user, the Telephone Company will utilize  
 the Signaling System 7 (SS7) network to query an Toll Free (C)  
 Number data base to identify the customer to whom the call will (C)  
 be delivered and provide vertical features based on the dialed ten  
 digits. The call will then be routed to the identified customer  
 over FGC switched access.

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(3) Chargeable Optional Features (Cont'd)(a) Toll Free Number Data Base Access Service (C)  
(Cont'd)

A Basic or Vertical Feature Query charge, as set forth in Section 6.9.4, following, is assessed for each query launched to the data base which identifies the customer to whom the call will be delivered.

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 Toll Free Number calls by telephone companies to different interexchange carriers based on the Local Access Transport Area (LATA) in which the call originates. (C)

The Vertical Feature Query provides the same customer identification as the basic query plus vertical features which may include: (1) call validation, (ensuring that calls originate from subscribed service areas); (2) POTS translation of Toll Free Number numbers; (3) alternate POTS translation (which allows subscribers to vary the routing of Toll Free Number calls based on factors such as time of day, place or 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)). (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(3) Chargeable Optional Features (Cont'd)

(a) Toll Free Number Data Base Access Service (Cont'd) (C)

The manner in which Toll Free Number Data Base 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: (C)

When Toll Free Number Data Base Access Service originates at an end office equipped with Service Switching Point (SSP) capability for querying centralized data bases, all such service will be provisioned from that end office. (C)

When Toll Free Number Data Base Access Service originates at an end office not equipped with SSP customer identification capability, the Toll Free Number 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 data bases. (C)

Query charges as set forth in Section 6.9.4, following, are in addition to those charges applicable for the Feature Group C and Feature Group D Switched Access Service.

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features (Cont'd)(A) Optional Features (Cont'd)(3) Chargeable Optional Features (Cont'd)(b) Operator Transfer Service

Operator Transfer Service may be provided with Feature Group C or Feature Group D Switched Access Service at Telephone Company designated Operator Services location. Operator Transfer Service is an originating service. The rate is assessed per 0 minus call transferred to a customer's operator. A 0 minus call is considered transferred when the Telephone Company Operator activates the switch transferring the call to the designated customer and the customer acknowledges receipt.

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 signalling types cannot be mixed on a signal trunk group.



**ACCESS SERVICE**

**6. Switched Access Service (Cont'd)**

**6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)**

**6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)**

**(A) Optional Features (Cont'd)**

**(3) Chargeable Optional Features (Cont'd)**

**(b) Operator Transfer Service (Cont'd)**

**(i) Rate Regulations**

In addition to the Operator Transfer Service charge described previously and in Section 9.3.8(F), following, Feature Group C or Feature Group D Switched Access rates and charges as set forth in Section 6.9, following,

(D)

|

(D)

will apply per minute of use for Operator Transfer Service.

All non-recurring and usage sensitive rates and charges normally applicable to Feature Groups C or D apply to Operator Transfer Service. Additionally, a charge as specified in Section 9.3.8(F), following, is assessed the customer per 0 minus call transferred.

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

The Customer will be assessed the Operator Transfer Charge per call passed through to either the customer's operator or a Telephone Company provided recording.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation  
Optional Features (Cont'd)(A) Optional Features (Cont'd)(3) Chargeable Optional Features (Cont'd)(b) Operator Transfer Service (Cont'd)(i) Rate Regulations (Cont'd)

The Operator Transfer charge will be assessed on the designated Operator Services Provider when the customer designates an Operator Services Provider to handle its operator traffic.

(c) Busy Line Interrupt (BLI) Service and Busy Line  
Verification (BLV) Service

BLI and BLV Services are provided by Telephone Company operators on inward trunks. BLI and BLV Services are provided only where technically feasible.

BLI and BLV are "inward" operator services provided to customers terminating calls in the Telephone Company's area of service, or in an area for which the Telephone Company is contracted to provide operator services.

Customer operators access the Telephone Company operators using an inward code.

**ACCESS SERVICE**

**6. Switched Access Service (Cont'd)**

**6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)**

**6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)**

**(A) Optional Features (Cont'd)**

**(3) Chargeable Optional Features (Cont'd)**

**(c) Busy Line Interrupt (BLI) Service and Busy Line Verification (BLV) Service (Cont'd)**

**(i) Rate Regulations**

In addition to the service charges described previously and in Section 9.3.9(E), following, Feature Group C or Feature Group D Switched Access rates and charges as set forth in Section 6.9, following,

(D)  
(D)

will apply per minute of use for BLI and BLV Services.

All non-recurring and usage sensitive rates and charges normally applicable to Feature Groups C or D apply to BLI and BLV Services. Additionally, a charge as specified in Section 9.3.9(E), following, applies per verification or interrupt and verification.

BLI and BLV service charges, provided for in the tariff, are applied only to those calls actually verified or interrupted by the Telephone Company operator.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(3) Chargeable Optional Features (Cont'd)(d) Flexible Automatic Number Identification (Flex ANI)

(N)

Flex ANI is a Common Switching Optional Feature that enhances the existing Automatic Number Identification (ANI) feature (described in 6.3.4(A)(1)(d) preceding) optional feature by allowing Feature Group D (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 is used to identify additional call types, e.g., calls originating from LEC payphones, competitive payphones, an private virtual networks. Flex ANI can be used to provide Originating Line Screening (OLS) service. OLS service is described in 6.3.4(A)(3)(e).

Flex ANI information digits are two digits in length and are activated through switched software program updates. These codes precede the 10-digit directory number of the calling line and are part of the signaling protocol in equal access end offices. The information digits are outpulsed by the switching system along with the directory number from the originating end office and are sent to the receiving office for billing, routing, or special handling purposes.

Customers who have ANI but do not order Flex ANI, will continue to receive the information digits associated with ANI. Flex ANI digits are assigned by the North American Numbering Plan Administrator. The Telephone Company will make available those information digits that are mutually agreed to by the customer and the Telephone Company.

(N)

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.4 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(3) Chargeable Optional Features (Cont'd)(d) Flexible Automatic Number Identification (Flex ANI) (Cont'd)

(N)

Flex ANI is available to customers with FGD Switched Access Service equipped with ANI. Flex ANI is available in suitably equipped end offices as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

A nonrecurring charge, as set forth in 6.9.5, is associated with this optional feature. This nonrecurring charge is assessed by the Telephone company on a per end office, per Carrier Identification Code (CIC) basis.

(e) Originating Line Screening (OLS) Service

The Telephone Company will OLS Service to aggregators and other customers who obtain local exchange service from the Telephone Company under its general or local exchange tariff. OLS service enables customers to determine whether there are billing restrictions on exchange service lines from which a call originates. OLS service delivers codes on operator assisted calls made from aggregator locations to identify, calls originating from privately owned payphones, and inmate locations, etc.

This charge is applied for each exchange service line to which an OLS code is assigned. The customer must specify the number of exchange service lines and each individual telephone number equipped.

(N)

**ACCESS SERVICE****6. Switched Access Service (Cont'd)****6.5 Transmission Specifications**

Each Switched Access Service transmission path is provided with standard transmission specifications. There are two different standard specifications (Types 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 Section 11.2.1, following. Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will upon notification by the customer that the data parameters set forth in Sections 11.2.2(A), 11.2.2(B), or 11.2.2(C), 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 the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this tariff.

The transmission specifications concerning Switched Access Service are immediate action limits and are set forth in Section 11.2, following. Acceptance limits are set forth in Technical Reference PUB 62500. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

FGC is provided with either Type B or Type C Transmission Specifications as follows:

**ACCESS SERVICE****6. Switched Access Service (Cont'd)****6.5 Transmission Specifications (Cont'd)**

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

Type DB Data Transmission Parameters are provided with FGC for the transmission path between the customer's premises and the end office when directly routed to the end office, and Type DB Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

**6.6 Obligation of the Telephone Company**

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

**6.6.1 Network Management**

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

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligation of the Telephone Company (Cont'd)6.6.1 Network Management (Cont'd)

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 Section 2.4.3, preceding.

6.6.2 Design and Traffic Routing of Switched Access Service

The Telephone Company shall design and determine the routing of Switched Access Service. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. 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 to develop routing and other local transport arrangements.



**ACCESS SERVICE****6. Switched Access Service (Cont'd)****6.6 Obligation of the Telephone Company (Cont'd)****6.6.3 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 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. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. The charges for provision of this data will be determined on an individual case basis.

**6.6.4 Trunk Group Measurement Reports**

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.

**6.6.5 Determination of Number of Transmission Paths**

The following applies to Switched Access Voice Transmission paths, and does not apply to signaling connections provided with CCSAC. The number of transmission paths for CCSAC connections will be determined jointly by the Telephone Company and the customer.

The Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group C or Feature Group 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 Section 6.3.2, preceding) by end office for each Feature Group ordered from a customer's designated premises. The total busy hour minutes of capacity by type for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligation of the Telephone Company (Cont'd)6.6.6 Design Blocking Measurement

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

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligations of the Telephone Company (Cont'd)6.6.6 Design Blocking Measurement (Cont'd)

(B) (Cont'd)

(1) (Cont'd)

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

(2) For transmission paths carrying first routed traffic between an end office and 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. <u>Per Trunk Group</u>			
	<u>15-20 Measurements</u>	<u>11-14 Measurements</u>	<u>7-10 Measurements</u>	<u>3-6 Measurements</u>
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

**ACCESS SERVICE****6. Switched Access Service (Cont'd)****6.6 Obligations of the Telephone Company (Cont'd)****6.6.7 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.

**6.7 Obligations of the Customer**

In addition to the obligations of the customer set forth in Section 2.3, preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

**6.7.1 Supervisory Signaling**

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

**6.7.2 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 provided based on previously arranged intervals and format.

**ACCESS SERVICE****6. Switched Access Service (Cont'd)****6.8 Rate Regulations**

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

**6.8.1 Application of Rates and Charges****(A) Nonrecurring Charges**

Except as noted in Section 6.8.1(A)(2)(a)(1), following, nonrecurring charges apply to each installation of service as a one time charge. Changes to existing services other than administrative changes will be treated as a discontinuance of the existing service and an installation of a new service.

Nonrecurring charges apply to each Switched Access Service installed. FGC and FGD are ordered on a busy hour minutes of capacity basis. The charge is applied for each trunk which must be added in order to provide the requested busy hour minutes of capacity.

**(1) Non Chargeable Changes**

The following administrative changes will be made without charge:

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Application of Rates and Charges (Cont'd)

(A) Nonrecurring Charges (Cont'd)

(2) Installation of Service

A Local Transport nonrecurring installation charge as set forth in Section 6.9.1(A), following, will be applied at the serving wire center for each Entrance Facility installed. Additionally, an End Office nonrecurring installation charge as set forth in Section 6.9.1(B), following, will be applied at the end office on a per order basis for each group of 24 Direct Trunked Transport facility, whether voice grade or DS1. A maximum of 24 trunks can be activated on a DS1 facility.

For example, if a customer orders a DS1 Entrance Facility and requests activation of 18 of the available circuits, the customer will be charged one Local Transport High Capacity DS1 Installation nonrecurring charge at the serving wire center, and one installation nonrecurring charge. If at a later date the customer requests the activation of three more circuits, the customer will then be charged one installation nonrecurring charge.

(a) The nonrecurring charge set forth in Section 6.9.1, following will be waived through July 1, 1994, for service connection when an IC converts trunks from tandem-switched to direct-trunked or from direct-trunked to tandem-switched or when an IC orders the disconnection of over-provisioned trunks. (M)

(3) Customer Identification Function for Interim NXX Translation (M)

Nonrecurring charges may apply for the installation of the Interim NXX Translation feature and for each 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

(M)

(M) Material formerly appearing on 6th Revised Page 83.1 now appears on this page and certain material formerly appearing on this page now appears on 7th Revised Page 83.1

**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Application of Rates and Charges (Cont'd)(A) Nonrecurring Charges (Cont'd)(3) Customer Identification Function for Interim NXX Translation (Cont'd)

Switched Access Services. This charge is applied per order, per Telephone Company. 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.

(4) Switched Access Installation Charge Waiver

(D)

|

(D)

(N)

Pursuant to the Federal Communications Commission's (FCC) Order in CC Docket No. 96-262, Access Charge Reform, released May 16, 1997, all nonrecurring charges (NRCs) for service connection are waived when a customer converts trunks from tandem-switched to direct-trunked for Tandem Switched Transport between the Tandem Switch and the Serving Wire Center (SWC). NRCs are also waived if a customer orders the discontinuance of overprovisioned trunks between the Tandem Switch and the SWC. Waiver of these NRCs continues through December 31, 1998.

(N)

(B) Recurring Charges(1) Premium Rates

Premium rates as set forth in Section 6.9, following, apply to all FGC and FGD access minutes and will be accumulated for billing on a monthly basis. In addition, premium rates apply to access minutes associated with the Customer Identification Function for NXX Access Service when provided via Toll Free Number Access Service trunk groups.

The specific application of these rates for a specific customer is dependent upon the Feature Group, type of Entrance Facility, type of transport (e.g., Direct Trunked Transport, Tandem Switched Transport), type of Multi-

(M) Material previously appearing on this page now appears on 1st Revised Page 83.1.1

(M)

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**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Application of Rates and Charges (Cont'd)(B) Recurring Charges

## (1) (Cont'd)

plexing, and the availability of equal access capabilities in the end office to which the service is provided. For FGC service, the specific application of these rates is dependent on the use made of the FGC service as described in Section 6.2, preceding.

When only premium access minutes are carried over flat rated services, premium rates will apply to all of the flat rated rate elements (e.g., Entrance Facility, Direct Trunked Facility, Direct Trunked Termination, and Multiplexing).

(M)

(2) Transitional Rates

Transitional Access Rates (i.e., discounted access minute rates) apply to all FGA and FGB access minutes originating or terminating in an end office which is not equipped with equal access capabilities. In addition, transitional rates apply to FGC access minutes originating in an end office which is not equipped with equal access capabilities when the FGC service is used in conjunction with the Interim NXX Translation Service optional feature, by customers who do not furnish interstate MTS/WATS.

(M)

(3) Mixed Use Premium/Transitional Rates

When both premium and transitional access minutes are carried over the same flat rated facilities, a portion of the facilities (e.g., Entrance Facility, Direct Trunked Transport, and Multiplexing) will be billed premium rates and the remaining portion will be billed transitional rates. The portion to be billed premium rates will be determined by applying telephone company premium-to-transitional ratios that are based on premium end office minutes of use divided by total end office minutes of use. These ratios will be developed quarterly by the Telephone Company based on minutes of use from those end offices whose Switched Access (both Direct Trunked and Tandem Switched) is directly or indirectly connected with the same Flat Rated Facility.

(M) Material appearing on this page previously appeared on 8th Revised Page 83.1.

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Application of Rates and Charges (Cont'd)(B) Recurring Charges (Cont'd)(3) Mixed Use Premium/Transitional Rates (Cont'd)

The ratio used to calculate the premium usage will be determined on a quarterly basis and provided to the customer with the last bill rendered for the preceding quarter or mailed separately within five working days after the first day of the new quarter. A quarter is defined for these purposes as beginning on the first day of January, April, July or October.

Where FGD Switched Access Service is provided to a customer in an end office(s) where that customer's premium access minutes have been determined in accordance with (ii) and (iii), preceding, such premium access minutes will be adjusted in the following manner. For each FGD access minute originating and/or terminating from that end office, the premium access minutes as set forth in (ii) and (iii), preceding, will be reduced on a one for one basis, but in no event shall the reduction exceed the total number of premium access minutes as set forth in (ii) and (iii), preceding, from that end office. The customer will be billed for the revised number of premium access minutes.

When originating FGD is not available in an end office, and terminating FGD service to an access tandem in a LATA is available, such terminating FGD service may be used, at the option of the customer, to terminate FGD calls to that end office. Premium FGD rates apply to all access minutes associated with such calls.

**ACCESS SERVICE**6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Application of Rates and Charges (Cont'd)(B) Recurring Charges (Cont'd)(4) Toll Free Number Data Base Access Service (C)

A Basic Query or a Vertical Feature Query charge applies for each query that is launched to an Toll Free Number data base and identifies the customer to whom the call will be delivered. The Query charge applied will depend on the features used in making the data base query. Queries using vertical service features outlined above will be charged the Vertical Feature Query charge. All other queries will be charged the Basic Query charge. Query charges, as set forth in Section 6.9.4, following, 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. (C)

When Feature Group C switched access service is used for the provision of Toll Free Number Data Base 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 can not be determined by individual end office, an allocation method will be utilized to determine minutes of 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 Toll Free Number minutes of use at an end office by the total unidentified originating minutes of use in all end offices subtending the tandem or SSP. For example, assume: (C)

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Application of Rates and Charges (Cont'd)(B) Recurring Charges (Cont'd)(4) Toll Free Number Data Base Access Service (C)

Three end office (EO-1, EO-2, and EO-3) subtend a tandem

EO-1 measures 2,000 minutes of 800 use

EO-2 measures 3,000 minutes of 800 use

EO-3 measures 5,000 minutes of 800 use

10,000 Total

(C)

The tandem delivers Toll Free Number usage to two customers:

IC-A has 4,000 minutes of use

IC-B has 6,000 minutes of use

- The allocation ratio for EO-1 is 20%

2,000/10,000

- The minutes of use to be billed by EO-1 are

800 to IC-A (20% X 4,000)

1,200 to IC-B (20% X 6,000)

2,000 Total

6.8.2 Minimum Periods

Switched Access Service is provided for a minimum period of one month.

6.8.3 Minimum Monthly Charge

Switched Access Service is not subject to a minimum monthly charge.

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.4 Measuring Access Minutes

Customer traffic to end offices will be measured by the Telephone Company. Originating and terminating calls will be measured by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGC to Toll Free Number, the measured minutes are the chargeable access minutes. For originating calls over FGC, the measured minutes are the chargeable minutes. Where measurement capability does not exist, the chargeable originating access minutes are derived from recorded minutes in the following manner. (C)

Step 1: Obtain recorded originating minutes and messages (measured as set forth in (A), following, for FGC) 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, Toll Free Number, 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. (C)

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 incompleting attempts. The total NCTA is

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.4 Measuring Access Minutes (Cont'd)

## Step 3 (Cont'd)

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 acknowledgement 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.

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

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

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

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

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

**ACCESS SERVICE****6. Switched Access Service (Cont'd)****6.8 Rate Regulations (Cont'd)****6.8.4 Measuring Access Minutes (Cont'd)**

Usage rated FGC access minutes are accumulated over the billing period for each end office. When the calculation of access minutes results in a fraction, the fraction will be rounded up to the nearest access minute for each end office.

**(A) Feature Group C Usage Measurement**

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

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

For originating calls over FGC provided with Signaling System 7 (SS7) Signaling when the FGC end office is not routed through an access tandem for connection to the customer, usage measurement begins when the SS7 Initial Address Message is sent from the Service Switching Point (SSP) to the Service Transfer Point (STP).

For originating calls over FGC provided with Signaling System 7 (SS7) Signaling when the FGC end office is routed through a tandem for connection to the customer, usage measurement begins then the FGC end office receives the SS7 Exit Message from the tandem.

The measurement of originating call usage over FGC provided with SS7 Signaling ends when the originating FGC end office receives an SS7 Release Message indicating either the originating or terminating end user has disconnected.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.4 Measuring Access Minutes (Cont'd)(A) Feature Group C Usage Measurement (Cont'd)(2) Terminating Usage

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

For terminating calls over FGC with SS7 signaling, usage measurement begins when the terminating recording switch receives answer supervision from the terminating end user. The Telephone Company switch receives answer supervision and sends the indication to the customer in the form of an answer message. The measurement of terminating FGC call usage ends when the entry switch receives or sends Release Message, whichever occurs first.

For terminating calls over FGC to Toll Free Number Service, usage measurement begins when the terminating FGC entry switch receives answer supervision from the terminating end user's end office, indicating the terminating Toll Free Number Service end user has answered. (C)

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.4 Measuring Access Minutes (Cont'd)(A) Feature Group C Usage Measurement (Cont'd)

The measurement of terminating call usage over FGC to Toll Free Number Service ends when the terminating FGC entry switch receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating Toll Free Number Service end user has disconnected, or from the customer's point of termination, whichever is recognized first by the entry switch. (C)

For terminating calls over FGC to services other than Toll Free Number, 900 or directory assistance, terminating FGC usage is not directly measured at the terminating entry switch, but is imputed from originating usage, excluding usage from calls to Toll Free Number, 900 or directory assistance services. (C)

(B) Feature Group D Usage Measurement(1) Originating Usage

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

For originating calls over FGD, provided with Multi-Frequency Signaling, 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.

For originating calls over FGD provided with Signaling System 7 (SS7) signaling when the FGD end office is not routed through an access tandem for connection to the customer, usage measurement begins when the SS7 Initial Address Message is sent from the Service Switching Point (SSP) to the Service Transfer Point (STP).

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.4 Measuring Access Minutes (Cont'd)(B) Feature Group D Usage Measurement (Cont'd)(1) Originating Usage (Cont'd)

For originating calls over FGD provided with Signaling System 7 (SS7) signaling when the FGD end office is routed through a tandem for connection to the customer, usage measurement begins when the FGD end office receives the SS7 Exit Message from the tandem.

The measurement of originating call usage over FGD provided with Multi-Frequency Signaling 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 switch.

The measurement of originating call usage over FGD provided with SS7 Signaling ends when the originating FGD end office receives an SS7 Release Message indicating either the originating or terminating end user has disconnected.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.4 Measuring Access Minutes (Cont'd)(B) Feature Group D Usage Measurement (Cont'd)(2) Terminating Usage

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

For terminating calls over FGD provided with Multifrequency Signaling, 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 derived from originating usage, excluding usage from calls to closed end services or Directory Assistance Service.

For terminating calls over FGD with SS7 signaling, usage measurement begins when the terminating recording switch receives answer supervision from the terminating end user. The Telephone Company switch receives answer supervision and sends the indication to the customer in the form of an answer message. The measurement of terminating FGD call usage ends when the entry switch receives or sends a release message, whichever occurs first.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges

	Tariff Section			
6.9.1	<u>Nonrecurring Charges</u>	<u>Rates</u>	<u>Reference</u>	
(A)	<u>Local Transport - Installation</u> <u>Per Entrance Facility</u>			
(a)	Voice Grade Four Wire	NA	6.8.1(A)	
(b)	High Capacity DS1	NA	6.8.1(A)	
(B)	<u>Local Transport - Installation</u> <u>Per End Office Facility</u>	\$33.89	6.8.1(A)	
(C)	<u>International Blocking</u>	\$33.89	6.8.1(A)	
6.9.2	<u>Local Transport*</u> <u>Premium Access</u>			
(A)	<u>Entrance Facility</u> Per Termination			
(1)	Voice Grade Four Wire	\$ 73.02	6.2(A)(1)(2)	
(2)	High Capacity DS1	\$195.45	6.2(A)(1)(2)	
(B)	<u>Residual Interconnection</u> <u>Charge</u> Per Access Minute	\$0.00000	6.2(A)(1)(b)	
(C)	<u>Tandem Switched Transport</u>			
(1)	Tandem Transport Per Minute	\$0.003993	6.2(A)(1)(c)	(R)
(2)	Tandem Switching Per Access Minute Per Tandem	NA	6.2(A)(1)(c)	

\* The Local Transport rates include non-chargeable Interface Groups and Optional Features as set forth in Sections 6.2(A)(3) and 6.2(A)(4), preceding.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)

6.9.2 <u>Local Transport*</u> (Cont'd) <u>Premium Access</u> (Cont'd)		<u>Rates</u>	<u>Section Reference</u>	
(D) <u>Direct Trunked Transport</u>				
(1) Direct Trunked Facility				
Per Mile				
- Voice Grade		\$0.56	6.2(A)(2)(a)	(I)
- High Capacity DS1		\$3.56	6.2(A)(2)(a)	(I)
(2) Direct Trunked Termination				
Per Termination				
- Voice Grade		\$55.87	6.2(A)(2)(a)	(I)
- High Capacity DS1		\$178.44	6.2(A)(2)(a)	(I)
(E) <u>Multiplexing, Per Arrangement</u>				
- DS1 to Voice		\$280.05	6.2(A)(1)(d)	
6.9.3 <u>End Office Premium Access</u>				
(A) Local Switching				
LS2 (Feature Group C & D)		\$0.042622	6.2(B)(1)	(I)
(B) Reserved for Future Use				
(C) Directory Assistance		\$0.238320	6.2(B)(3)	(R)
Info. Surcharge (Per 100 Access Minutes)				
6.9.4 <u>Toll Free Number Data Base Access Service</u>				
(A) Basic Rate - per query		\$0.006330	6.3.6(A)(4)(a)	(R)
(B) Vertical Features Rate		\$0.006467	6.3.6(A)(4)(a)	(R)
- per query (replaces basic rate)				

- The Local Transport rates include non-chargeable Interface Groups and Optional Features as set forth in 6.2(A)(3) and 6.2(A)(4), preceding.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)

	Nonrecurring <u>Rates</u>	Section <u>Reference</u>	
6.9.5 Reserved for Future Use			(D)
6.9.6 <u>Originating Line Screening (OLS)</u> - Per Exchange Access Line	\$7.95	6.3.4	