ACCESS SERVICE

Page No.

6. Switched Access Service

6.1 General

Switched Access Service is available to customers for their use in furnishing their services to End Users. Switched Access Services may not be used as substitutes for the Telephone Company's Local and/or general exchange services. Switched Access Service provides for the ability to originate calls from an End User's premises to a customer designated premises, and to terminate calls from a customer designated premises to an End User's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in 6.1.2 and 6.2 following.

Rates and charges for Switched Access Service are set forth in 6.8 following. Rates and charges for Switched Access/Dedicated Transport are set forth in Section 6.8 following, with the exception of the services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. The rates and charges for the Switched Access/Dedicated Transport services in the MSAs that have received Phase II pricing flexibility are set forth in Section 22. (N)

The application of rates for Switched Access Service is described in 6.7 following. Rates and charges for services other than Switched Access Service, e.g., a customer's interLATA toll message service, may also be applicable when Switched Access Service is used in conjunction with these other services. Descriptions of such applicability are provided in 6.2 following. Finally, a message Unit credit is applied against line side (N)

Switched Access Service charges as described in 6.7.9 following.

Pursuant to the FCC Dockets "In the Matter of Admendments of Part 69 of the Commission's Rules Relating to the Creation of Access Charge Subelements for Open Network Architecture (CC Docket No. 89-79) and Policy and Rules Concerning Rates for Dominant Carriers (CC Docket No. 87-313)", Report and Order and Order on Further Reconsideration and Supplemental Notice of Proposed Rulemaking, FCC 91-186, released July 11, 1991, the Telephone Company offers an Access Line Arrangement (ALA) and an Access Trunk Arrangement (ATA) and a number of Basic Service Elements (BSEs).

The existing Feature Group Arrangements will be offered as options during a transition period that starts when the new ALA and ATA are in effect. The transition period will expire at the time the ALA and ATA are included under Price Cap regulation, July 1, 1993. The Feature Group arrangements will be abolished at the end of the transition period.

In Memorandum Opinion and Order on Reconsideration released April 14, 1993, which modifies the Part 69/ONA Order, and requires that Bell Operating Companies maintain their existing Feature Groups side by side with unbundled ONA services through at least June 30, 1994.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision

(A) Switched Transport Service Arrangements

Switched Access Service is provided in an unbundled Basic Service Arrangements (BSA) offering one line side connection called (1) Access Line Arrangement (ALA) and one trunk side connection called (2) Access Trunk Arrangement (ATA). These arrangements are offered with technical choices and optional Basic Service Elements (BSEs). Switched Access Service is also provided in four optional service arrangements of standard and optional features called (1) Feature Group A (FGA), (2) Feature Group B (FGB), and (3) Feature Group D (FGD). In addition 800 Access Service and 900 Access Service are available through the use of the ATA and the trunkside Feature Groups. 500 Access Service is available through the use of ATAXXX and Feature Group D. (D)

These arrangements are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company Switch, and the manner in which an end user accesses them in originating calling, e.g., with or without an access code. A description of each ALA and ATA is in 6.2.1, following. A description of each Feature Group is in 6.2, following. A description of 500, 800 Access Service and 900 Access Service is in 6.2, following. Ordering conditions in the provision of Switched Access Service are set forth in 5, preceding. (T) (T) (T) (T)

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision

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

Switched Transport is comprised of various facilities, interfaces and features. The Switched Transport rate category is composed of three rate elements; Entrance Facilities, Direct-Trunked Transport or Tandem Switched Transport. In addition, an Interconnection Charge applies.

The Tandem-Switched element applies in addition when Tandem-Switched transport is provided. Dedicated Signalling Transport is available as an option of both Direct Trunked Transport and Tandem Switched Transport. A multiplexing charge may also apply when facilities of one capacity are connected to facilities of another capacity.

Switched Transport elements can be ordered in combination of:

(a) Entrance Facilities only.
(b) Entrance Facilities and Direct Trunked Transport (directly routed to an end office).
(c) Entrance Facilities and Direct Trunked Transport(routed through an Access Tandem Switch).
(d) Direct Trunked Transport only.
(e) Tandem Switched Transport and Direct Trunked Transport.
(f) Expanded Interconnection Service Channel Termination

Multiplexing charges will apply when a higher capacity Entrance Facilities or EISCT is interconnected with a lower capacity Direct-Trunked Transport, when a higher capacity Direct-Trunked Transport is interconnected with a lower capacity Direct-Trunked Transport at a hub location, when other than a Direct-Trunked Transport DS1 transport channel is interconnected to a digital end office switch, and when other than a Direct-Trunked Voice Grade transport channel is interconnected to an analog end office switch.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

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

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

When the customer orders Direct-Trunked Transport and requests such transport to be interconnected with Entrance Facilities or an EISCT of another customer, the interconnection will be provided if the customer requesting the interconnection provides a letter authorizing such interconnect and use of the Entrance Facility from the other customer. For such an arrangement, the charges for the Direct-Trunked Transport and any associated Tandem Switch and/or Multiplexing charge will be billed to the ordering customer.

No billing of Entrance Facility charges will be made to the customer ordering Direct-Trunked Transport. No adjustment of the Entrance Facility charges will be made to the customer providing the Entrance Facilities. The customer permitting another customer to use its Entrance Facilities bears the responsibility to obtain payment for the use of its Entrance Facilities from another customer.

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

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

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

(B) Transport Channels and Multiplexing

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

For Entrance Facilities and Direct Trunked transport, the transport channel shall be specified by the customer. The customer shall specify an interface group at its premises. Interface groups are set forth in 15.1 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

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

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

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

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

Two multiplexing options, DS1 to Voice Grade Multiplexing and DS3 to DS1 Multiplexing will be provided as described in 6.7.1 following.

When ordering, the customer will specify the desired multiplexing hub(s) selected from the National Exchange Carrier Association, Inc. Tariff No. 4.

Shared Use as set forth in Section 7.2.7 following does not apply to Switched transport.

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

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

(C) Manner of Provision

Switched Access is furnished in either quantities of lines or trunks. ALA or FGA Access and ATA950 or FGB Access are furnished on a per-line or per-trunk basis respectively. ATAXXX or FGD Access are furnished on a per trunk basis. (D)
Entrance Facilities are furnished in either capacities of DS0, DS1 or DS3. DNAL is furnished in quantities of channels.

Trunks and lines are differentiated by type and directionality of traffic.

(1) Traffic Types

There are five major traffic types identified as: Originating, Terminating, Directory Assistance, Originating Data, and Terminating Data. Originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the customer; Terminating traffic type represents access capacity within a LATA for carrying traffic from the customer to the end user; Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. Originating Data and Terminating Data traffic type represents access capability within a LATA for carrying digital traffic at speeds of 56 kbps to 64 kbps between the customer and the customer's end user.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

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

(C) Manner of Provision (Cont'd)

(1) Traffic Types (Cont'd)

When ordering capacity for Switched Access the customer must at a minimum specify such access capacity in terms of Originating traffic types and/or Terminating traffic types or 56 kpbs or 64CCC traffic types. 56 kpbs and 64 kbps are available only on ATAXXXX or FGD. Directory Assistance traffic type is used for ordering Directory Assistance Access Service as set forth in 9. following.

Because some customers will wish to further segregate their originating traffic into separate trunks groups, or because segregation my be required by network considerations, Originating traffic is further categorized into Domestic, 500, 800, 900, Operator and IDDD. Domestic traffic represents access capacity for carrying only domestic traffic other than 500, 800, 900 and Operator traffic; IDDD traffic represent access capacity for carrying only international traffic; and, 500, 800, 900 and Operator traffic represents access capacity for carrying, respectively, only 500, 800, 900 or Operator traffic. When ordering such types of access capacity, the customer must specify Domestic, 500, 800, 900, Operator or IDDD traffic types

For Feature Group D or Access Trunk Arrangement 101XXXX Switched Access Service with the CCSAC optional feature, i.e., out of band signaling, as described in 6.1.2 (A)(2)(d), an SS7 Signaling Connection is required between the Telephone Company STP and the customer's SPOT. When ordering the CCSAC optional feature, the customer shall specify that all traffic be equipped with out of band signaling. At the same time, 64CCC may be specified.

Outbound Messaging Application may only be used with the Outbound Messaging Application Customer’s provision of services to subscribers, and may only be used in conjunction with SS7 as described above. (N) (N) (N) (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

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

(C) Manner of Provision (Cont'd)

(2) Design and Traffic Routing of Switched Access Service

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

In addition, the customer shall specify on the customer's order for service, the Switched Transport facilities to be provided (i.e., Entrance Facility or EISCT, Direct Trunked transport and/or Tandem Switched transport). When specifying the Switched Transport facilities to be provided, the customer must indicate if the facilities to be provided are existing (i.e., spare transmission paths) or are new.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories

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

- Switched Transport (described in 6.1.2(A) following)
- Local Switching (described in 6.1.2(B) following)
- Common Line (described in Sections 3. and 4. preceding)
- Transport Interconnection Charge (described in 6.1.2(B)(3) following)

There are also specific rates which apply to Network Access Services (described in 6.8.4 following).

In addition, there is a Directory Assistance Information Surcharge that applies to all Switched Access Basic Service arrangements and Feature Groups. The description and application of these charges are set forth in 6.7.13 following.

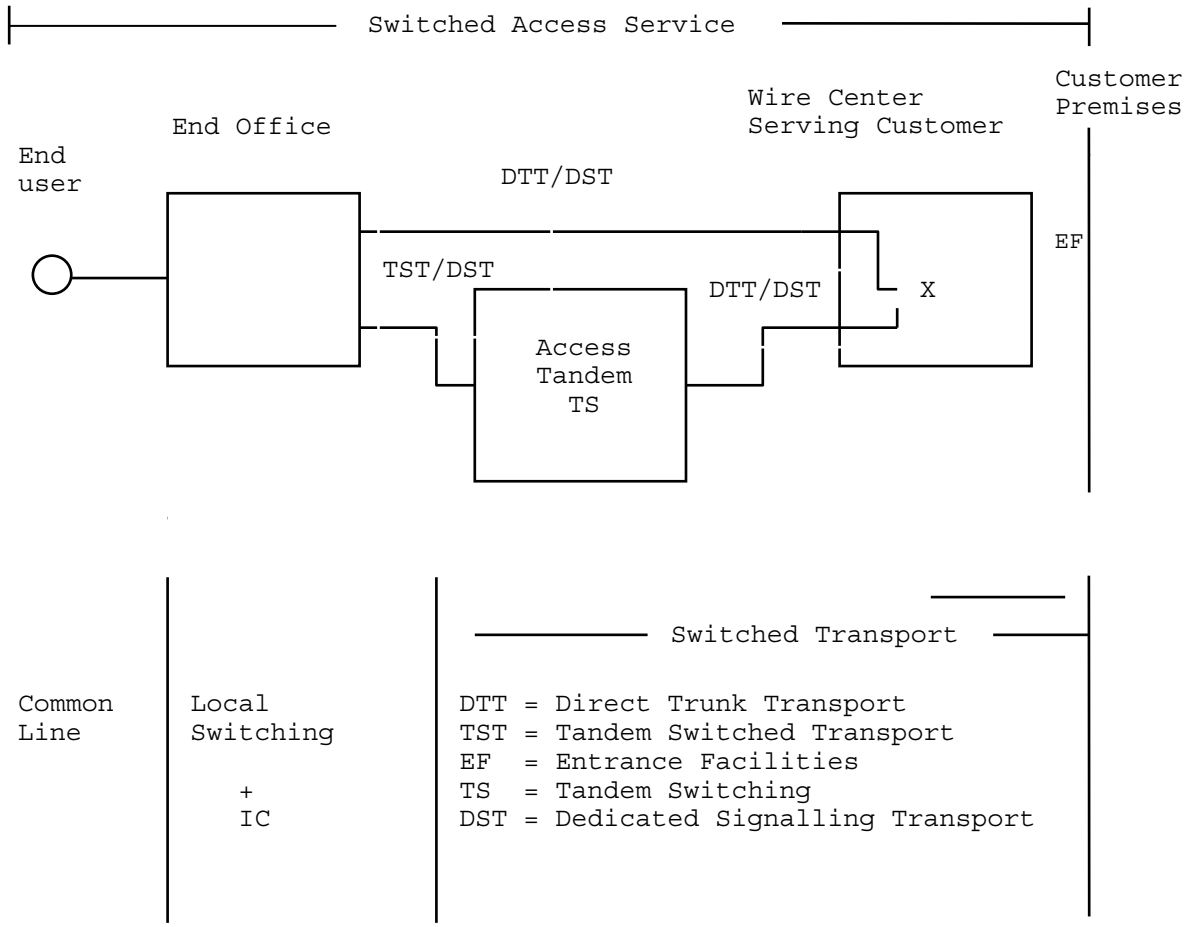
ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

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



LS - Local Switching
IC - Interconnection Charge
CL - Common Line

Common Line access is provided under Section 3. and 4. preceding.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport

Switched Transport elements are defined as follows:

(1) Entrance Facility

Entrance Facility is defined as the transmission path between the customer's premises and the Serving Wire Center where the customer would normally obtain local dial tone. The Entrance Facility rate is a non distance sensitive flat monthly recurring charge. The Entrance Facility may be order with an analog or digital interface. Voice frequency (DS0), DS1 and DS3 interface groups are defined in 15 following.

Switched Access Entrance Facility rates and charges are set forth in 6.8.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (cont'd)

(2) Direct Trunked Transport

Direct Trunked Transport is defined as the dedicated transmission path between the customer's Serving Wire Center and an access tandem, hub or end office where the customer's originating and/or terminating traffic is switched. Direct Trunked Transport is a distance sensitive mileage rate element as set forth in 6.8.1 following.

The Direct Trunked Transport mileage rate is calculated on the airline distance between the Serving Wire Center associated with a customer designated premise and the access tandem, hub or end office switch. To determine the rate, compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4. Exceptions to the mileage measurement rules are set forth in 6.7.11 following.

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10. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(3) Tandem Switched Transport

Tandem Switched Transport is provided as five subelements:

-Tandem-Switched Transmission/Common Transport
-Host Remote Transmission
-Tandem Switching
-Dedicated Tandem Trunk Port
-Tandem End Office Multiplexing

The application of the Tandem-Switched Transport subelements is set forth in (a),(b), (c), (d) and (e) following.

(a) Tandem Switched Transmission/Common Transport

(1) Tandem-Switched Transmission/Common Transport has two rates: a per access minute of use rate and a per access minutes of use per mile rate. The per access minute of use rate applies to the non-distance sensitive portion of the Tandem-Switched Transport for the termination of both ends of the facility. The per access minute of use per mile rate applies to the distance sensitive portion of the Tandem-Switched Transport facility. When the mileage for Tandem-Switched Transmission/Common Transport is zero, these rates will not apply.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(3) Tandem Switched Transport

(a) Tandem Switched Transmission/Common Transport (Cont'd)

(1) (Cont'd)

The per access minute of use and a per access minutes of use per mile rate also applies to interoffice links that are provided for the common use of all customers but which are not switched through an access tandem. The Telephone Company will identify this application of Tandem-Switched Transmission as Common Transport.

Common Transport may be associated with both tandem routed services (such as when Tandem-Switched Transport is to a host office to access remotes) and with direct routed services (as set forth in 6.7.11). Mileage for Common Transport is always measured separately from Tandem-Switched Transmission and Direct-Trunked Transport.

(2) Mileage measurement is described in 6.7.11.

(b) Host Remote Transmission

The Host Remote Transmission subelement applies between the Host and the remote for the common use of all customers but which are not switched through an access tandem. When both Tandem-Switched Transmission and Host Remote Transmission are applicable, mileage is measured separately.

(c) Tandem Switching

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

(d) Tandem End Office Multiplexing

Tandem Multiplexing provides for the multiplexing equipment functionality on the end office side of the tandem switch and for terminating FGA BSA-A minutes of use between the dialtone office and the end office.

(e) Dedicated Tandem Trunk Port

The Dedicated Tandem Trunk Port provides for the port associated with each in service dedicated trunk terminating on the serving wire center side of the access tandem.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(4) Interface Groups

Five Interface Groups are provided for terminating the Switched Transport at the customer's premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, the individual transmission path between the customer's 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)(a) and (b) following.

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.

The CCSAC optional feature is available only with Feature Group D or Access Trunk Arrangement 101XXXX. FGD or ATAXXXX trunks are provided using Interface Groups 6 and 9. SS7 signaling connections are provided using Interface Group 6. Technical Publication TR-TSV-000905 provide the technical requirements.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(4) Interface Groups (Cont'd)

The 64CCC option is provided using interface group 6. Technical Publication TR-NWT-000938 and TR-TSV-000962 provide additional technical requirements for 64CCC. Technical specifications concerning the available interface groups are set forth in 15.1 following.

(5) 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 Switched 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 15.1.12 following.

The types of supervisory signaling available are described in Technical Reference TR-NPL-000334.

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

This feature allows the customer to specify the receive transmission level at the first point of switching. The range of transmission levels which may be specified is described in Technical Reference TR-NPL-000334. This feature is available with Interface Groups 2 through 10 for ALA or ATA950 and Feature Groups A and B.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(5) Optional Features (Cont'd)

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

This option allows the customer to specify, for ATA950 or for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the entry switch in lieu of a Telephone Company selected two-wire termination. This option is available only when the ATA950 or Feature Group B arrangement is provided with Type B Transmission Specifications.

(d) Common Channel Signaling Access Capability (CCSAC)

This optional feature allows the customer to exchange signaling for call set-up via SS7 out of band signaling. This option is available only with FGD or ATAXXXX. This option requires the establishment of a SS7 Signaling Connection between the customer's signaling point of interface (SPOI) and the Telephone Company's Signaling Transfer Point (STP), as set forth in 6.1.2(A)(1) preceding.

(e) 64 Clear Channel Capability (64CCC)

This option is available with Feature Group D (FGD) and Access Trunk Arrangement 101XXXX (ATAXXX) with the CCSAC optional feature as set forth in (d) preceding.

ACCESS SERVICE

(D)
(D)
(D)

6. Switched Access Service (Cont'd) (T)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(5) Optional Features (Cont'd)

(e) 64 Clear Channel Capability (64CCC) (Cont'd)

64 CCC is designated as a new traffic type and requires the establishment of a new minimum period as described in Section 6.7.3. (T)

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

(f) Tandem Signaling

This option provides Carrier Identification Code (CIC) and OZZ signaling information necessary for tandem switching. This optional feature is available only on one-way originating Feature Group D trunks from end offices to a Tandem Switching Provider's (TSP) point of termination. This option is offered with either multifrequency (MF) or Signaling System 7 (SS7) signaling protocol. (C)

In the MF signaling format, Carrier Identification Code (CIC) and OZZ will be forwarded. In the SS7 signaling format, Transit Network Selection (TNS) will be forwarded in the Initial Address Message.

TSP's can terminate switched access traffic to Telephone Company end offices or access tandems over any currently tariffed Feature Group Service. The customer ordering the terminating Feature Group Service will be the customer of record and billed the terminating usage. This customer may be either a TSP or a customer of the TSP.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(5) Optional Features (Cont'd)

(b) Tandem Signaling (Cont'd)

If the TSP is the customer of record and requests the Telephone Company to separately bill the traffic usage to its multiple customers, the TSP must provide to the Telephone Company billing tapes in a format to be mutually agreed upon by the Telephone Company and the TSP. These tapes must be provided in a standard EMI format and received by the Telephone Company within a mutually agreed upon timeframe.

Technical specifications for Tandem Signaling are set forth in Generic Requirements GR-3334-CORE.

A maximum of four OZZ codes (MF) or circuit codes (SS7) per CIC per end office will be provided. The Telephone Company will control and assign the OZZ codes to the customer ordering this feature. FGD trunks with Tandem Signaling may not be alternately routed to the Telephone Company's Access Tandem.

(6) Chargeable Optional Features

(a) Multiplexing

This option allows the customer to convert a DS3 (44.736 Mbps) to 28 DS1 channels or a DS1 (1.544 Mbps) to 24 DS0 channels (64kbps). A charge is specified in 6.8.1(I) following per multiplexing arrangement.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Chargeable Optional Features (Cont'd)

(b) Carrier Identification Parameter (CIP)

Technical specifications for Carrier Identification Parameter (CIP) are set forth in Technical References GR-394-CORE and GR-905-CORE.

Carrier Identification Parameter is an optional feature which identifies and transmits the CIC within the SS7 out of band call set up, known as the initial address message (IAM), associated with each call sent to subscribing customers. CIP is only available with originating FGD Switched Access Service from suitably equipped SS7 out of band signaling end offices and access tandems. When CIP is provided, the switch will transmit the 3 or 4 digit CIC of the presubscribed line or the CIC selected when the end user places a call using 101XXXX dialing. CIP is provided per trunk group at a monthly recurring rate as specified in 6.8.1(I).

(c) Outbound Messaging Application

Outbound Messaging Application provides the ability to have a signal sent from the Telephone Company's SS7 Network to the Outbound Messaging Application Customer. This service functions with an Inter-Stored Program Control Switch (Inter-SPCS) Feature, which provides the ability to receive and respond to a signal sent by the Telephone Company's SS7 Network. Additional information about the Inter-SPCS Feature can be found in Telcordia Technical Publication GR-866-CORE. (N)

The Outbound Messaging Application service is provided on a per point code per LATA basis, and in conjunction with the Telephone Company's SS7 STP Access Service for use with telephone numbers for which the Outbound Messaging Application signal is generated.

(N)

(This page filed under Transmittal No. 125)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Chargeable Optional Features (Cont'd)

(d) Forwarded Call Information BSE

(N)

Forwarded Call Information (FCI) provides for the call status information of a call terminating on a ALA service with multiline hunt group arrangement. This option provides the calling number, the called number, the identification of the called multiline hunt group assigned to the customer's end user, and the call reason. In addition, this option provides the ability to activate or deactivate a message waiting indicator - audible (stutter dial tone) or message waiting indicator - visual (signal light indicator). The message waiting indicator, audible or visual, may be activated as long as the service where the message waiting indicator is to be activated is equipped with the message waiting feature. The call status information is transmitted to the customer's premises, and the signal to activate or deactivate the message waiting indicator is transmitted from the customer's message desk terminal equipment. The customer shall provide the appropriate customer premises equipment (CPE) to store, display, or print out the transmitted call status information, and the equipment to initiate the signal to activate or deactivate the message waiting indicator. This option is only available from appropriately equipped Telephone Company electronic end office switches. The forwarded call information is transmitted to the Telephone Company central office with the use of a Type 2 DNAL, as specified in Section 15.1.2. Message waiting indication capabilities are limited to customers who are served from the same office (intraoffice) as FCI.

(N)

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6. Switched Access Service (Cont'd)

(N)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Chargeable Optional Features (Cont'd)

(e) Network Forwarded Call Information BSE

Network Forwarded Call Information (NFCI) provides for the call status information of a call terminating on a ALA service with multiline hunt group arrangement. This option provides the calling number, the called number, the identification of the called multiline hunt group assigned to the customer's end user, and the call reason. In addition, this option provides the ability to activate or deactivate a message waiting indicator - audible (stutter dial tone) or message waiting indicator - visual (signal light indicator). The message waiting indicator, audible or visual, may be activated as long as the service where the message waiting indicator is to be activated is equipped with the message waiting feature. The call status information is transmitted to the customer's premises, and the signal to activate or deactivate the message waiting indicator is transmitted from the customer's message desk terminal equipment. The customer shall provide the appropriate customer premises equipment (CPE) to store, display or print out the transmitted call status information, and the equipment to initiate the signal to activate or deactivate the message waiting indicator. This option is only available from appropriately equipped Telephone Company electronic end office switches. The forwarded call information is transmitted to the Telephone Company central office with the use of a Type 2 DNAL, as specified in Section 15.1.2. This BSE provides the ability to serve multiple offices using the SS7 signaling network to pass data and signaling information.

(N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Chargeable Optional Features (Cont'd)

(e) Network Forwarded Call Information BSE (Cont'd)

(N)

The Alternate Network Delivery (AND) feature provides the capability for the customer to direct its Message Waiting Indicator (MWI) messages toward the customer's Alternate Network Service Provider within the LATA. This feature is included with NFCI.

Customers who upgrade their FCI service to NFCI or install a new NFCI service may elect to implement the AND feature at the time of the initial order request, or at a later date, at no additional recurring or nonrecurring charges.

Customers subscribing to the AND feature must provide the Telephone Company with information specifying:

(1) The single pre-defined central office switch point code of the Alternate Network for the MWI messages to be routed.

(2) A list of all the alternate network provider's end user station NPA-NXXs receiving MWI messages (these must be served out of the same LATA as the Voice Grade Special Access Service – Technical Specification Package VG-10).

The customer's Alternate Network Service Provider must provide service capability to receive and complete MWI delivery. The customer is responsible for any and all charges that the Telephone Company may incur from the customer's Alternate Network Service Provider for receiving MWI messages from the Telephone Company.

(N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

(N)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Chargeable Optional Features (Cont'd)

(e) Network Forwarded Call Information BSE (Cont'd)

Network Forwarded Call Information - Multiple Users provides the delivery of information on the calling number (within the same closed user group), called number, reason-for-forwarding of calls forwarded or placed to the Enhanced Service Provider (ESP), and identifies the multi-line hunt group assigned to the ESP end user, i.e., the multiple users capability. The reason-for-forwarding information may include when a line is busy, not answered, either busy or not answered, or used to call the ESP directly.

Network Forwarded Call Information - Multiple Users also includes the ability to activate and deactivate message waiting signals (audible or visual) on each of its end user's telephone line(s) who has Message Waiting Indicator. This alerting signal will be used by the ESP to inform its end user that information is waiting. The ESP end user lines must be provisioned to receive the signal and have Message Waiting Indicator provisioned with its line. A Special Access Voice Grade (VG36) channel is required between the ESP and the Utility's central office in order to meet the data communications requirements in providing Forwarded Call Information - Multiple Users to the end user. Numbers will be provided in either seven (7) or ten (10) digit format. The customer must specify the number of digits.

(N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

(N)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Chargeable Optional Features (Cont'd)

(f) Activate Message Waiting Indicator-Audible BSE

Activate Message Waiting Indicator-Audible provides the ability to activate or deactivate a message waiting indicator audible (stutter dial tone) on a customer's end user's service. The Message Waiting Indicator-Audible may be activated as long as the customer's end user's line is also provisioned with the message waiting indicator feature. The signal to activate or deactivate is transmitted from the customer's message desk terminal equipment. The customer shall provide the appropriate CPE to initiate the signal to activate or deactivate the message waiting indicator. This option is only available from appropriately equipped Telephone Company electronic end office switches. The message waiting indicator is transmitted to the Telephone Company central office with the use of a Type 2 DNAL, as specified in Section 15.1.2.

(N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

(N)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Chargeable Optional Features (Cont'd)

(g) Activate Message Waiting Indicator-Visual BSE

Activate Message Waiting Indicator-Visual provides the ability to activate or deactivate a lamp or LCD flash at 60 IPM on a customer's end user's service when there are messages waiting. The Message Waiting Indicator-Visual may be activated as long as the customer's end user's service is equipped with the message waiting indicator feature. The signal to activate or deactivate the message waiting indicator is transmitted from the customer's message desk terminal equipment. The customer shall provide the appropriate CPE to initiate the signal to activate or deactivate the message waiting indicator. A customer's lamp or LCD is activated on their CPE when a signal is sent to the central office to apply 130 volts to the customer lamp. An additional signal would be sent after the messages have been retrieved to remove the 130 volts from the lamp. This option is only available from appropriately equipped Telephone Company electronic end office switches. The message waiting indicator is transmitted to the Telephone Company central office with the use of a Type 2 DNAL, as specified in Section 15.1.2.

(N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) Local Switching

This rate category provides for (1) local end office switching, i.e., the common switching functions associated with the various Switched Access Service arrangements, (2) the termination of switched transport at end offices, (3) the termination of common lines and WATS Access Lines at end offices, (4) intercept functions, i.e., the termination of certain calls at a Telephone Company intercept operator or recording, (5) the dedicated End Office Port terminating in the end office, and (6) the Shared End Office Trunk Port for termination of Common Transport trunks for tandem routed traffic.

This category includes usage sensitive rates and both chargeable and nonchargeable optional features.

(1) Usage Sensitive Rates

The usage sensitive rates are applied on a per minute of use basis and are divided into two categories: LS1 and LS2 - which pertain to Feature Groups; LS1A and LS2A which pertain to unbundled Basic Service Arrangements.

(a) The first category, LS1, provides local switching functions for Feature Groups A and B, except for Feature Group A and Feature Group B used to terminate traffic to a WATS Access Line (WAL) provided from an end office. (C)

LS1A provides local switching functions for Access Line Arrangement (ALA) and Access Trunk Arrangement with the 950 Option (ATA950), except for ALA and ATA950 used to terminate traffic to a WATS Access line (WAL) provided (T)
from an end office. (C)

(b) The second category, LS2, provides local switching functions for Feature Group A and Feature Group B used to terminate traffic to a WATS Access Line (WAL) provided from an end office, Feature Group D, and 800 or 900 (C)
Access Service.

LS2A provides local switching functions for Access Line Arrangements and Access Trunk Arrangement with the 950 Option used to terminate traffic to a WATS Access Line (WAL) provided from an end office, Access Trunk (C)
Arrangement with 101XXXX (ATAXXXX), and 800 or 900 Access Service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) Local Switching (Cont'd)

Where end offices are appropriately equipped, international dialing also may be provided as a capability of LS2 or LSA2. International dialing provides the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard ATAXXX or FGD equipped end office. (D)

Rates for LS1 and LS2 are set forth in 6.8.2(A), following. (T)
The application of these rates with respect to individual Feature Groups is as set forth in 6.7.1(D), following. (T)

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

Rates for LS1A and LS2A are set forth in 6.8.2, following. (T)
The application of these rates with respect to individual Basic Service Arrangements is as set forth in 6.7.1(D), following. (T)

Rates for Local Switching and Access Tandem Switching are set forth in 6.8, following. (T)

The number of local switching transmission paths will be determined as set forth in 6.5.5, following. (T)

(2) Optional Features

Various Common Switching, Transport Termination and WATS Access Line Termination optional features are available and are described in 6.3, following. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) Local Switching (Cont'd)

(3) (D)

(D)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Special Facilities Routing

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

6.1.4 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.

6.1.5 Testing

(A) Acceptance Testing

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

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

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.5 Testing (Cont'd)

(B) Routine Testing

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

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

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

Additional tests may be ordered as set forth in 13.3.5 following. Charges for these additional tests are set forth in 13.3.5(C) following.

6.1.6 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5.2 preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

6.1.7 CCSAC Testing Requirements

For FGD or ATAXXX with the CCSAC optional feature, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer. These tests are as specified in the Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. These tests must be successfully completed prior to providing the CCSAC optional feature.

ACCESS SERVICE

Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service

Switched Access Service is provided in two different arrangements. The two arrangements provisioned are Direct trunked transport and Tandem Switched transport. Entrance facilities may be provisioned for Direct trunked transport only. The provision of each Switched access Service requires Switched Transport facilities and the appropriate End Office functions. There are various optional features available with the Feature Groups and Access Arrangements. The Switched Transport, Common Switching and Transport Termination optional features are available at all Telephone Company end office switches, unless stated otherwise. In addition, a WATS Access Line Service as described in 7.7.5 following may, at the option of the customer, be provided for use with Switched Access Service. WATS Access Line Termination optional features are available in end office designated as WATS Serving Offices.

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

Switched Access Service is arranged for either originating, terminating or two-way calling. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premise to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously.

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

Following are detailed descriptions of each of the available Basic Service Arrangements and Feature Groups. Each Arrangement or Feature Group is described in terms of its specific physical characteristics and calling capabilities, the transmission specifications with which it is provided, the optional features available for use with it and the standard testing capabilities.

6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA)

(A) Description

ALA and FGA Access, which is available to all customers, provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the ALA or FGA service is connected or, in the alternative, specify the means by which the ALA or FGA access communications is transported to another state.

(1) ALA or FGA is provided in connection with Telephone Company electronic and electromechanical end offices. At the option of the customer, ALA or FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling.

(2) ALA or FGA provides a line side termination at the first point of switching (dial tone office). The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

(3) The Telephone Company shall select the first point of switching, within the selected LATA, at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.

(4) A seven digit local telephone number assigned by the Telephone Company is provided for access to ALA or FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

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

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

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

(7) ALA or FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.1 Access Line Arrangements (ALA) and Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

(7) (Cont'd)

customers' services (by dialing the appropriate digits). Charges for ALA or FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, and, (3) calls from an ALA or a FGA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. For calls to Directory Assistance (411 and 555-1212, whichever is available), Local Transport rates for ALA or FGA Switched Access Service will not apply. Instead, Local Transport for calls to this service is subject to a per call rate as set forth in 9.6(B) following. Additionally, calls to Directory Assistance are subject to the Directory Assistance Service Call rate set forth in 9.6(A) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

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

(B) Optional Features

(1) Common Switching Optional Features and Basic Service Elements

(a) Hunt Group Arrangement*
(b) Uniform Call Distribution Arrangement*
(c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement*
(d) Call Denial
(e) Service Code Denial
(f) Hunt Group Arrangement for Use with WATS Access Line Service
(g) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
(h) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
(i) Band Advance Arrangement for Use with WATS Access Line Service
(j) Call Transfer*
(k) Direct Inward Dialing (DID)*
(l) Answer Supervision Lineside

*For ALA customers (a), (b), (c), (j) and (k) will be ordered under 6.8.2 Common Switching Optional Features and BSEs

6. Switched Access Service (Cont'd)

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

6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA) (Cont'd)

(B) Optional Features (Cont'd)

(2) Transport Termination Optional Features

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

(3) Local Transport Optional Features

(a) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding)
(b) Customer Specified Entry Switch Receive Level

6. Switched Access Service (Cont'd)

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

6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA) (Cont'd)

(B) Optional Features (Cont'd)

(4) Certain other features which may be available in connection with ALA or Feature Group A are provided under the Telephone Company's local and/or general exchange service tariffs where technically feasible.

These are:
(a) Custom Calling Features
(b) Remote Call Forwarding
(c) Bill Number Screening
(d) IntraLATA extensions
(e) 900 Call Blocking

(C) Transmission Specifications

ALA or FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with ALA or FGA to the first point of switching.

(D) Testing Capabilities

ALA or FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.1.5 preceding which are included with the installation of service and as ongoing routine testing, Additional Cooperative Acceptance Testing and Additional Manual Testing are available as set forth in 13.3.5 following.

6. Switched Access Service (Cont'd)

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

6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB)

(A) Description

ATA950 and FGB Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform access code generally 950-1XXX or 950-0XXX for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the ATA950 or FGB service is connected or, in the alternative, specify the means by which the ATA950 or FGB access communications is transported to another state.

(1) ATA950 or FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, ATA950 or FGB switching is provided at Telephone Company electronic and electromechanical end office switches.

(2) ATA950 or FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling

(3) ATA950 or FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for ATA950 or FGB switching provided with the automatic number

6. Switched Access Service (Cont'd)

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

6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(3) (Cont'd)

identification (ANI) or rotary dial station signaling arrangements as set forth in 6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

(4) The access code for ATA950 or FGB switching is generally a uniform access code. The form of the uniform access code is 950-0XXX or 950-1XXX for carriers. One uniform access code will be assigned to the customer for the customer's domestic communications and another will be assigned to the customer for its international communications, if required. These uniform access codes will be the assigned access numbers of all ATA950 or FGB switched access service provided to the customer by the Telephone Company.

(5) ATA950 or FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers'

ACCESS SERVICE

6. Switched Access Service

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

6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(5) (Cont'd)

services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices directly subtending the access tandem may be accessed. Where direct trunking from a single access tandem within a IATA to all end offices subtending that tandem is not available, an alternate route may be used if available. In the case of LATAs with two access tandems, only those valid NXX codes served by end offices directly subtending either one of the access tandems may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from an ATA950 or FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-OXXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes (611 and 911) or 1OXXX access codes. Calls will be completed to Directory Assistance (NPA- 555-1212 or 555-1212) when ATA950 or FGB switching is combined with Directory Assistance switching. The combination of ATA950 or FGB Switched Access Service with DA service is provided as set forth in 9, following. (T)
ATA950 or FGB may not be switched, in the terminating direction, to Access Trunk Arrangements 950, NEA, XXX or to Switched Access Service Feature Groups B and D. (D)

6. Switched Access Service (Cont'd)

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

6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB) (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 ATA950 or FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of ATA950 or FGB switching arrangement provided. Different types of ATA950 or FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(7) When all ATA950 or FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(B) Optional Features

(1) Common Switching ORtional Features

(a) Automatic Number Identification (ANI)

(b) Up to 7 Digit Outpulsing of Access Digits to Customer

(c) Hunt Group Arrangement for Use with WATS Access Line Service.

6. Switched Access Service (Cont'd)

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

6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB) (Cont'd)

(B) Optional Features (Cont'd)

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

(d) Uniform Call Distribution Arrangement for Use with WATS Access Line Service.

(e) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service.

(f) Band Advance Arrangement for Use with WATS Access Line Service.

(g) Alternate Traffic Routing

(2) Transport Termination Optional Features

(a) Rotary Dial Station Signaling

(3) Switched Transport Optional Features

(a) Customer Specification of Local Transport Termination

(b) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding)

(c) Customer Specified Entry Switch Receive Level

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.2 Access Trunk Arrangement (ATA950) and Feature Group B (FGB) (Cont'd)

(B) Optional Features (Cont'd)

(4) WATS Access Line Termination Optional Features

(a) E & M Supervisory Signaling

(5) Bill Number Screening

Another feature, Bill Number Screening, which may be available in connection with ATA950 or FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.

(C) Transmission Specifications

ATA950 or FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with ATA950 or FGB to the first point of switching.

(D) Testing Capabilities

ATA950 or FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.5

6. Switched Access Service (Cont'd)

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

6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB) (Cont'd)

(D) Testing Capabilities (Cont'd)

preceding which are included with the installation of service and as ongoing routine testing. Additional Cooperative Acceptance Testing, Additional Automatic Testing, and Additional Manual Testing are available as set forth in 13.3.5, following.

6.2.3 Reserved for Future Use (T)

6. Switched Access Service

6. Switched Access Service (Cont'd)

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

6.2.3 Reserved for Future Use (T)

6. Switched Access Service (Cont'd)

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

6.2.3 Reserved for Future Use (T)

6. Switched Access Service (Cont'd)

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

6.2.3 Reserved for Future Use (T)

6. Switched Access Service (Cont'd)

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

6.2.3 Reserved for Future Use (T)

6. Switched Access Service (Cont'd)

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

6.2.3 Reserved for Future Use (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.3 Reserved for Future Use (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.3 Reserved for Future Use (T)

6. Switched Access Service (Cont'd)

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

6.2.3 Reserved for Future Use (T)

6.2.4 Access Trunk Arrangement 1OXXX (ATAXXX) and Feature Group D (FGD)

(A) Description

ATAXXX or FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 1OXXX access code for the customer's use in originating and terminating communications. For FGD or ATAXXX with the CCSAC optional feature, out of band signaling is provided through Telephone Company designated STPS.

(1) ATAXXX or FGD is provided at Telephone Company designated electronic end office switches whether routed directly or via Telephone Company designated electronic access tandem switches.

(2) ATAXXX or FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling, or without signaling when the CCSAC optional feature is specified.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.4 Access Trunk Arrangement 1OXXX (ATAXXX) and Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(3) ATAXXX or FGD switching is provided with multifrequency address or 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 Switched Transport provided.

(4) ATAXXX or FGD switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a ATAXXX or 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.

6. Switched Access Service (Cont'd)

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

6.2.4 Access Trunk Arrangement 1OXXX (ATAXXX) and Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(4) (Cont'd)

Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, Directory Assistance (411 and 555-1212), service codes 611 and 911 and 10XXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when ATAXXX or FGD switching is combined with Directory Assistance switching. The combination of ATAXXX or FGD Switched Access Service with DA Service is provided as set forth in 9, following. ATAXXX or FGD may not be switched, in the terminating direction, to Switched Access Trunk Arrangements 950, NEA, or XXX or to Switched Access Service Feature Groups B or D. (T) (D)

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

6. Switched Access Service (Cont'd)

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

6.2.4 Access Trunk Arrangement 10XXX (ATAXXX) and Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(6) The access code for ATAXXX or FGD switching is a uniform access code of the form 10XXX. A single access code will be the assigned number of all ATAXXX or FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over ATAXXX or FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in 13.3.3 following.

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

When the 10XXX access code is used, ATAXXX or 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.

6. Switched Access Service (Cont'd)

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

6.2.4 Access Trunk Arrangement 101XXXX (ATAXXXX) and Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(7) ATAXXXX or FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing 101XXXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 101XXXX code its calls will be directed to for interLATA service. Presubscription codes are applied as set forth in Section 13. (T)

(8) When the 101XXXX 1+ or 011+ Sent-Paid access code is dialed from a Telephone Company pay telephone to a customer that has not ordered per Section 6.3.2(B) or (C), the calls will be routed to a Telephone Company recording. (T) (D)

(9) At the option of the customer, the Tandem Signaling optional feature as described in Section 6.1.2(A)(6)(f) is available for use on one-way originating feature group D trunks provisioned from an end office to a customer's point of termination. (T) (C)

6. Switched Access Service (Cont'd)

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

6.2.4 Access Trunk Arrangement 10XXXX (ATAXXXX) and Feature Group D (FGD) (Cont'd)

(B) Optional Features

(1) Common Switching Optional Features

(a) Automatic Number Identification (ANI)*
(b) Service Class Routing
(c) Alternate Traffic Routing
(d) Call Gapping Arrangement
(e) Trunk Access Limitation
(f) International Carrier Option
(g) End Office End User Line Service Screening for Use with ATS Access Line Service.
(h) Hunt Group Arrangement for Use with WATS Access Line Service
(i) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
(j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution. Arrangement for Use with WATS Access Line Service
(k) Band Advance Arrangement for Use with WATS Access Line Service
(l) Cut-through
(m) Calling Party Number (CPN)**
(n) Charge Number (CN)
(o) Carrier Selection Parameter (CSP)
(p) Access Transport Parameter (ATP)***

* For ATAXXXX customers (a) will be ordered under 6.8.2 Common Switching Optional Features and BSEs.

** CPN is only available on trunks equipped with CN.

*** ATP is only available on trunks equipped with 64CCC.

6. Switched Access Service (Cont'd)

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

6.2.4 Access Trunk Arrangement 10XXX (ATAXXX) and Feature Group) D (FGD) (Cont'd)

(B) Optional Features (Cont'd)

(2) Transport Termination Optional Features

(a) Operator Trunk, Full Feature Arrangement

(3) Switched Transport Optional Features

(a) Supervisory Signaling (as set forth in 6.1.2(A) (2) (d) preceding)

(b) Common Channel Signaling Access Capability (CCSAC) as set forth in 6.1.2(A)(2)(d) preceding.

(c) 64 Clear Channel Capability (64CCC)(as set forth in 6.1.2.(A)(2)(e) preceding.)

(4) WATS Access Line Termination Optional Features

(a) E & M Supervisory Signaling
(b) Dialed Number Identification Service

(5) Tandem Signaling Optional Feature

(a) CIC and OZZ (as set forth in 6.1.2(A)(6)(f) preceding.

(b) TNS (as set forth in 6.1.2(A)(6)(f) preceding.

(C) Transmission Specifications

ATAXXX or 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.

6. Switched Access Service (Cont'd)

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

6.2.4 Access Trunk Arrangement 10XXX (ATAXXX) and Feature Group) D (FGD) (Cont'd)

(C) Transmission Specifications (Cont'd)

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 ATAXKX or FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.

Transmission specifications for the DNAL BSA are set forth in Technical Reference TR-NPL-000335.

(D) Testing Capabilities

ATAXXX or FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.5 preceding, which are included with the installation of service and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing and Additional Manual Testing, are available as set forth in 13.3.5 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.5 500, 900 and Toll Free Access Service

(A) 500 Access Service

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

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.5 500, 900 and Toll Free Access Service (Cont'd)

(A) 500 Access Service (Cont'd)

500 Access Service is provisioned in accordance with the technical characteristics available with Feature Group D and ATAXXX. (D)

500 Access Service originating from end offices with the calling party's identification will be provided using access signaling with overlap outpulsing and ten-digit ANI, or with SS7 out of band signaling when the customer has ordered the CCSAC optional feature with Feature Group D or ATAXXX. (C)

500 Access Service originating from handicapped sources routed via operator switched without complete end user identification will be provided using traditional signaling. 500 Access Service traffic will be combined in the same trunk group arrangement with other 500 and non-500 Access Service traffic unless the customer orders a separate trunk group only for its 500 Access traffic. The customer can obtain a separate trunk group using traditional signaling at the access tandem. (D)

500 Access Service usage measurement shall be in accordance with the regulations set forth in Section 6.7.6 for Feature Group D and ATAXXX. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.5 500, 900 and Toll Free Access Service (Cont'd)

(B) 900 Access Service

900 Access Service is an originating offering utilizing trunk side Switched Access Service or Access Trunk Arrangement. The service provides a customer identification function based on the dialed 900 number at Telephone Company appropriately equipped end offices or tandem switches.

When a 1+900+NXX-XXXX or 0+900+NXX-XXXX call is originated by an end user, the Telephone Company will perform the customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. If the call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an office at which the function is available. Once customer identification has been established, the call will be routed to the customer. 900 Access Service must be provided from all end offices subtending a tandem. Calls originating in an end office switch in which the customer has not ordered 900 Access Service will be routed to intercept. 900 calls from COIN, 0+, 0-, 101XXXX inmate service, and hotels or motels will be blocked. The customer may request via an ASR to the Telephone Company, unblocking of 0+ and 0- 900 calling on all classes of service except inmate. (D)

When 900 Access Service is provided from an end office, all such service will be provisioned in accordance with the technical characteristics available with ATAXXXX or Feature Group D.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.5 500, 900 and Toll Free Access Service (Cont'd)

(B) 900 Access Service (Cont'd)

900 Access Service originating from end offices with the customer identification function will be provided using exchange access signaling. On traffic using conventional signaling, the customer's facilities shall provide off-hook or answer supervision when the called party answers. (C)

900 Access Service usage measurement shall be in accordance with the regulations set forth in Section 6.7.6 for ATAXXX or for Feature Groups D. (T)

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

900 Access Service will be available in every LATA.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.5 500, 900 and Toll Free Access Service (Cont'd)

(C) Toll Free Access Service

Toll Free Access Service is an originating offering utilizing trunk side Switched Access Service or Access Trunk Arrangement. The basic service provides a customer identification function with Area of Service (AOS) routing, based on the dialed Toll Free number, at Telephone Company Toll Free Access Service Switching Points (SSPs). AOS routing is based on originating LATA, NPA, or NPA NXX.

When a Toll Free call is originated from an end user, the Toll Free call is held at the SSP while a query is launched to the Toll Free Service Control Point (SCP). The customer identification with AOS, in the form of SS7 signaling information is passed back from the SCP to the SSP from which the query originated and the call can then be routed to the correct customer location. If the call originates from an end office not equipped to provide the customer identification function, the call will be routed to the SSP equipped Telephone Company access tandem. (SSP Telephone Company equipped central offices are identified in National Exchange Carrier Association, Inc. Tariff FCC No. 4.) Once customer identification has been established, the call will be routed to the customer for completion. Calls originating from a service area in which the customer has not ordered Toll Free Access Service will be routed to intercept. * (T) (T)

At the option of the customer, the Tandem Signaling optional feature as described in Section 6.1.2(A)(6)(f) is available on Toll Free Access Service only in a customer's end office which is also a SSP. (T)

Customers may choose various vertical options in addition to the basic query as described in Section 6.2.5(C)(1). (T)

Toll Free Access Service will be provisioned in accordance with the technical characteristics available with ATAXXX or FGD, and will be provided using exchange access signaling. (D)

* Customer identification for Canadian and Caribbean Toll Free numbers will be performed by Six Digit Master List Turnaround.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.5 500, 900 and Toll Free Access Service (Cont'd)

(C) Toll Free Access Service

Toll Free Access Service measurement will be accordance with the regulations set forth in 6.7.6 following for ATAXXX or for Feature Group D. Toll Free Access Service will be available in every LATA.

Rates and charges associated with Toll Free Access Service Queries and vertical features are described in 6.7.1 following.

(1) Toll Free Access Service Basic Query and Vertical Features

(a) Basic Toll Free Access Service Query

The Basic Toll Free Access Service Query is provided via SSP equipped Telephone Company Central Offices to access the Toll Free Data Base which will provide customer specific identification of the dialed Toll Free number, thus enabling call completion.

(b) Plain Old Telephone Service (POTS) Translation

The POTS Translation optional service may be ordered in conjunction with the Basic Toll Free Access Service Query and will provide the customer a POTS translation of the dialed Toll Free number.

(c) Multiple Destination Routing

The Multiple Destination Routing may be ordered in conjunction with the Basic Toll Free Access Service Query and allows either Toll Free turnaround or POTS translation with Time of Day, Day of Week, Date of Year and/or Per Cent Allocation of Traffic (calls) between subscriber terminations.

(d) Six Digit Master Number List Turnaround

The Six Digit Master Number List Turnaround uses database access for routing six digit Canadian, Caribbean, or special codes which are not part of number portability.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.6 Network Access Services

(A) Dedicated Network Access Link (DNAL)

(1) Description

The Dedicated Network Access Link (DNAL) provides a dedicated analog data channel between the customer's designated premises and a Telephone company switch or central office for the control of features and functions. The DNAL is primarily used in conjunction with Switched Access or central office based services requiring a separate link for transmitting network signaling or control information. The Switched Access Basic Service Element (ESE) determines the requirement for speed, type and number of DNALS. The DNAL can only be used in conjunction with its respective BSE.

(a) Type 1 DNAL

This Dedicated Network Access Link passes signals which are used by a customer to busy out a predetermined group of lines or trunks. Type 1 DNAL may be ordered as a two- wire or four-wire analog interface and is used in conjunction with the Availability and Stop Hunting Control Arrangement as described in Sec 6.2.6 following. Technical Reference TR-NPL-000335 further defines Type 1 DNAL under Voice Grade 2.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.6 Network Access Services (Cont'd)

(A) Dedicated Network Access Link (DNAL) (Cont'd)

(1) Description (Cont'd)

(b) Type 2 DNAL

This Dedicated Network Access Link passes signals which are used to report the integrity of a customer's client's line when ordered in conjunction with Alarm Plus as described in Section 6.2.6 following. Technical Reference TR-NPL-000335 further defines Type 2 DNAL under Voice Grade 6.

(2) Optional Features

(a) Availability and Stop Hunting Control Arrangement (BSE)

Availability and Stop Hunting Control Arrangement provides the customer the ability to busy out a predetermined group of lines or trunks. This capability is activated by a customer provided key at the customer premises. The activation signal is transmitted to the Telephone Company's central office via a Type 1 Dedicated Network Access Link (DNAL) as specified in 6.2.6 preceding.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.6 Network Access Services (Cont'd)

(A) Dedicated Network Access Link (DNAL) (Cont'd)

(2) Optional Features (Cont'd)

(b) Port Access to Verify Integrity of Subscriber Lines (PAVISL) (BSE)

Port Access to Verity Integrity of Subscriber Lines provides the ability for a service provider to monitor the service provider's client's single party exchange access line. The service provider is connected to a telephone-company host computer via Type 2 DNAL. The host computer provides access to a scanning device which is used to repetitively poll the client's Subscriber Terminal Unit (STU). The STU is connected to alarm or monitoring sensors to detect a change in status of the client's exchange access line. The status of the client's exchange access line is then transmitted back to the host computer access port via the service provider's DNAL. The host computer port. access is limited on a first come first serve basis. Two ports are required. PAVISL is offered only where equipment and facilities are compatible and available. The service provider's client must also order the Telephone Company's local exchange service known as Alarm Plus.[sm]

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups and Basic Service Arrangements. Some optional features may be non-chargeable when ordered with Feature groups and may be separately rated when ordered with Basic Service Arrangements.

6.3.1 Common Switching

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

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

- Operator-handled calls (0-, 00-, 0+, 011+, 01+)
- Calls to 700 NPA codes
- Calls to 950 NXX codes
- Calls to the 900 NPA
- Calls to 976 NXX code
- Calls to 10XXX interLATA
- Calls to 959 NXX code
- Calls to 611 Repair Service
- Calls to 911 Emergency Service

The call denial option allows calls to terminate to any NXX within the LATA served by the ALA or FGA line that doesn't have a special charge associated with it, (exception: 411 or 555-1212). Calls are permitted to 411, 555-1212, 7DZUM, 800 and 7D/10D intraLATA toll.

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

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

This screening option disallows completion of terminating AlA or Feature Group A calls to local directory assistance (411 and 555-1212), to service codes 611 and 911, and to.local operator assistance (0 and 00-). Blocked calls are routed to a reorder tone or recorded announcement. This feature is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices. This option is available with Feature Group A or an Access Line Arrangement.

(C) Multiline Hunt Group* or Hunt Group Arrangement HML/HTG)

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with an Access Line Arrangement or Feature Group A. ALA or FGA services with different methods of providing off-hook supervisory signalling cannot be mixed in the same hunt group arrangement. When ordered in conjunction with an ALA, this option is a chargeable Basic Service Element as set forth in 6.8.2 following.

* Multiline Hunt Group is the generic name of the ONA Service in Bell Operating Companies ONA Special Report #5.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3.1 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(D) Multiline Hunt Group-UCD Line Hunting* Uniform Call Distribution Arrangement (UCD)

This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Feature Group A or an Access Line Arrangement. *When ordered in conjunction with an ALA, this option is a chargeable Basic Service Element as set forth in 6.8.2 following.

(E) Multiline Hunt Group-Individual Access to Each Port in Hunt Group* Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement (NHN)

This option provides an arrangement for an individual line within a multiline hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Feature Group A or an Access Line Arrangement. *When ordered in conjunction with an AIA, this option is a Basic Service Element as set forth in 6.8.2. following.

* Multiline Hunt Group-UCD Line Hunting and Multiline Hunt Group-Individual Access to each port in hunt group are the generic name of the ONA service in Bell Operating Companies ONA Special Report #5.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(F) Automatic Number Identification (ANI)

(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 available with ATA950 or Feature Group B. With these Access Arrangements or Feature Groups, technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines and pay telephones using ATA950 or Feature Group B, or when an ANI failure has occurred. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

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

(3) The ten digit ANI Calling Billing Number Delivery - FGD Protocol* telephone number is only available with ATAXXX or ATAXXX with the CCSAC Optional Feature or Feature Group D. When the CCSAC optional feature is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature, as described in 6.3.1(Z), following. 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). When ordered in conjunction with ATAXXX, this option is a chargeable Basic Service Element as set forth in 6.8.2, following. (T)

(4) (D)
|
(D)

(5) ANI is not provided from 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 services, information digits will be provided to the customer.

The information digits identify:

(a) telephone number is the station billing number - no special treatment required,

*Calling Billing Number Delivery-FGD Protocol is the generic name of the ONA Service in Bell Operating Companies ONA Special Report #5.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

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

(5) (Cont'd)

(b) multiparty line - telephone number is a 4- or 8-party line and cannot be identified number must be obtained via an operator or in some other manner,
(c) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner,
(d) hotel motel originated call which requires room number identification,
(e) 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 are available with Feature Groups B and D and Access Trunk Arrangements. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

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

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-0XXX, 950-lXXX) to the customer designated premises. The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the customer designated premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. It is available with Feature Group B or ATA950.

(H) Cut-Through (CTO)

This option allows end users of the customer to reach the customer's premises by using the end of dialing digit (#). This option provides for connection of the call to the premises of the customer indicated by the 1OXXX code upon receipt of the end of dialing digit (#). The Telephone Company will not record any other dialed digits for these calls. This option is available with Feature Group D or ATAXXX.

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(I) (D)

(D)

(J) (D)

(D)

(K) (D)

(D)

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(L) Service Class Routing (SCRT)

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

(M) Alternate Traffic Routing (ARTG)

(1) Multiple Customer Premises Alternate Routing

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

(2) End Office Alternate Routing When Ordered in Trunks

This option provides an alternate routing arrangement for customers who order originating traffic in trunks and these trunks serve an end office via two routes: one route via an access

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(M) Alternate Traffic Routing (ARTG) (Cont'd)

(2) End Office Alternate Routing When Ordered in Trunks (Cont'd)

tandem and one direct route. The feature allows the customer originating traffic from the end office to be offered first to the direct trunk group and then overflow to the access tandem group. It is provided in suitably equipped end offices and is available with Feature Groups B and D and Access Trunk Arrangements. (D)

Alternate routing is not available with the Tandem Signaling optional feature as described in Section 6.1.2(A)(6)(f), preceding.

(N) Trunk Access Limitation (CHOK)

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(O) Call Gapping Arrangement (CGAP)

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(P) International Carrier Option (INCO)

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

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

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 WATS Access Line Service group, when that group has exceeded its call capacity to another WATS Access Line Service group with a band designation equal to or greater than that of the overflowing WATS Access Line Service group. Band Advance will only be provided from one WATS Access Line Service group to another WATS Access Line Service group of the same IC. This arrangement does not provide for call overflow from a group with a higher band designation to one with a lower one. This option is available with Feature Groups A, B, D and all Access Line and Trunk Arrangements. (D)

* This optional feature is not available with unbanded services such as UWAL.

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

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

This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and or NXX on the basis of geographical bands selected by the 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 in which WATS Access Line Service is provided. It is available with Feature Group D or ATAXXX. (D)

(S) Hunt Group Arrangement for Use with WATS Access Line Service (HML HTG)

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(T) Uniform Call Distribution Arrangement for Use with WATS Access Line Service (HYT UD)

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 A, B, D and all Access Line and Trunk Arrangements. (D)

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

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 Telephone Company designated WATS Serving Offices. It is available with Feature Groups A, B, D and all Access Line and Trunk Arrangements. (D)

(V) Flexible Automatic Number Identification

(1) This option is an enhancement to Automatic Number Identification (ANI) and facilitates information digits not available with ANI. The Flexible ANI feature allows the utility to associate new ANI information digit assignments with originating routing and screening translations as they are assigned by the North American Numbering Plan (NANP).

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(V) Flexible Automatic Number Identification (Cont'd)

(2) Flexible ANI is only available on Feature Group D or ATAXXX, in end offices where technically feasible, and will work in conjunction with ten digit ANI as described in Section 6.3.1(F). (C) (T)

(3) When a customer orders Flexible ANI, all available ANI digits will be delivered. A customer may not specify individual digits.

The information digits identify:

(a) 52 - Outward Wide Area Telecommunications Service (OUTWATS) routed via a combined WATS-POTS trunk group,

(b) 93 - Originating call is a private virtual network type of service call.

(W) Call Transfer*

This option permits a customer who has established a call using an Access Line Arrangement to add another party to the call to establish a three-way conference call. Once the three-way conference call has been established, the customer may drop its connection without disconnecting the other two parties and may use its service to make another call. In addition, a customer may hold a second call while maintaining privacy from the first call. This feature, available with ALA, is provided from suitably equipped Telephone Company offices.

* Call Transfer is also known as Three Way Call Transfer in Bell Operating Companies ONA Special Report #5.

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(X) Direct Inward Dialing (DID)

Direct Inward Dialing Service is offered with Access line Arrangement (ALA) only. Up to seven-digit outpulsing of the called telephone number is provided to the customer premises. The number of digits forwarded by the central office switch is determined at the time the service is ordered.

Due to the absence of central office switch measurement capabilities, assumed minutes of use as described in 6.7.6 (A) following are applied for lineside Basic Serving Arrangements (BSAs) used in conjunction with DID BSE.

Terminating service is not provided. Other Lineside BSA features or BSEs, except DID Trunk Queuing BSE are not available in conjunction with this BSE.

(Y) Calling Party Number (CPN)

This option provides for the automatic transmission of the calling party's ten-digit telephone number 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 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. The specific protocol for CPN is described in Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. This feature is available only with originating FGD or ATAXXX when the CCSAC optional feature is specified.

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(Z) Charge Number (CN)

This option provides for the automatic transmission of the ten-digit billing number of the calling station and originating line information. The specific protocol for CN is described in Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. This feature is available with originating FGD when the CCSAC optional feature is specified. This feature is also available with originating FGD or ATAXXX when the CCSAC optional feature is specified as a chargeable Basic Service Element as described in 6.8.2(B) following. CN is the SS7 out of band signaling equivalent of ANI with multifrequency address signaling, as described in 6.3.1(F) preceding.

(AA) Carrier Selection Parameter (CSP)

This option provides for the automatic transmission of a signaling indicator which signifies to the customer whether the call being processed originated from a presubscribed end user of that customer. The specific protocol for CSP is described in Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. This feature is available only with originating FGD or ATAXXX when the CCSAC optional feature is specified.

(AB) Answer Supervision - Lineside BSE

Answer supervision - lineside provides the capability to deliver "off hook" supervisory signals from the terminating central office switch to a lineside interface at the originating central office switch. These signals indicate when the called station has answered an incoming call. Answer supervision will only be provided in RENONV02* on a trial basis for 18 months and is available with FGA or ALA service.

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6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.1 Common Switching (Cont'd)

(AC) Access Transport Parameter (ATP)

This option provides for the transmission of Integrated Services Digital Network (ISDN)/SS7 call set-up information from the originating Switch to the customer's premises and, on terminating access from the customer's premises to the terminating switch. This option is available only with FGD or ATAXXX with CCSAC where technical capabilities exist. The specific protocol for ATP is specified in technical reference TR-TSV-000962.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.2 Transport Termination

(A) Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the customer designated premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B or ATA950, only on a directly trunked basis.

(B) Operator Trunk - Modified Operator Service (MOS) - 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 with ATAXXX and Feature Group D 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. (D)

Coin:

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.2 Transport Termination (Cont'd)

(B) Operator Trunk - Modified Operator Service (MOS) - 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. The trunk groups equipped with this arrangement will be terminated at the customer's specific location.

Non-Coin:

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

The operator assistance non-coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature. The trunk groups equipped with this arrangement will be terminated at the customer's specified location. When so equipped, the ANI feature provides for the forwarding

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.2 Transport Termination (Cont'd)

(B) Operator Trunk - Modified Operator Service (MOS) Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

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.

Combined Coin and Non-Coin:

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

This arrangement is normally ordered by the customer in conjunction with the ANI optional feature. The trunk groups equipped with this arrangement will be terminated in the customer's specified location. When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless pay telephones, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.2 Transport Termination (Cont'd)

(B) Operator Trunks - Modified Operator Services (MOS) - Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

This option provides the operator function available in the end office to the customer's specified location. These functions are (1) Operator Release, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, and (5) Ring Back. It is available from the Telephone Company's end office to the customer's specified location. This option is not available in combination with the CCSAC optional feature. (T) (T) (C)

(C) Operator Trunk - Exchange Access Operator Service Systems (EAOSS)

This option provides the operator functions available in the end office to the customer's specified location for Coin 1+, 01+, 011+, 0+ and 0-. These functions are (1) Operator Released, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, and (5) Ring Back. It is available with ATAXXX or Feature Group D and is provided as a trunk type of Transport Termination from the Telephone Company's coin tandem or direct from the end office to the customer's specified location, where technically feasible. (T) (C)

6.3.3 WATS Access Line Termination

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

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.3 WATS Access Line Termination (Cont'd) (T)

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

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

(A) Line Termination Optional Features for Trunk Side Connections

The Telephone Company will at the option of the customer, provide the following Line Termination optional features in association with WATS Access Lines Service.

(1) E&M Supervisory Signaling

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

Dialed Number Identification Services (DNIS)

The Dialed Number Identification Service optional feature, which is available with terminating only and two way WATS Access Lines, permits a customer's end

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.3 WATS Access Line Termination (Cont'd)

(A) Line Termination Optional Features for Trunk Side Connections (Cont'd)

(2) Dialed Number Identification Services (DNIS) (Cont'd)

user with multiple 800 Service telephone numbers in the same service group to identify the specific telephone number which was dialed by the calling party. Identification is accomplished by outpulsing four digits which distinguish the dialed 800 Service number to customer premises equipment at the end user's premises. The digits are outpulsed to the end user premises over the WATS Access Lines. All WATS Access Lines in the same service group must be equipped for DNIS. The number of dialable 800 Service telephone numbers accessing a service group equipped for DNIS cannot exceed the number of WATS Access Lines in the service group. DNIS is provided with either reverse battery or E&M type supervisory signaling as follows:

Reverse Battery:	Two-Wire, terminating only
	Four-Wire, terminating only
E&M:	Four-Wire, terminating only
	Four Wire, two way

(3) WATS Answer Supervision

The WATS Answer Supervision optional feature, which is available with originating only and two way WATS Access Lines, provides a signal to customer premises equipment at the end user premises that indicates that the called end user has answered, when such indication is provided by the interexchange carrier. Answer Supervision is provided with either reverse battery or E&M type supervisory signaling as follows:

6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.3 WATS Access Line Termination (Cont'd)

(3) WATS Answer Supervision (Cont'd)

Reverse Battery:	Two-Wire, originating only
E&M:	Four-Wire, originating only
	Four Wire, two way

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Basic Service Arrangement or Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 15.2.1 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 15.2.2(A), 15.2.2(B), or 15.2.2(C) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to May 25, 1984 except that service configurations having performance specifications exceeding the standards 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 15.2 following. Acceptance limits are set forth in Technical Reference TR-NPL-000334. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

Transmission specifications for SS7 Signaling Connections are set forth in Bellcore Common Channel Signaling Network Specifications Technical Reference TR-TSV-000905.

Transmission specifications for FGD or ATAXXX with CCSAC and the 64CCC optional feature are set forth in Technical Reference TR-NWT-000938.

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company

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

6.5.1 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 within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(B)(3) preceding.

(Dx)
|
(Dx)

The Telephone Company SS7 signaling network will provide management functions as described in detail in Bellcore Common Channel Signaling Network Specifications Technical Reference TR-TSV-000905.

(x) Issued under authority of Special Permission No. 13-019 of the FCC in order to withdraw material filed under Transmittal No. 249 without its becoming effective and to restore currently effective material.

(This page filed under Transmittal No. 250)

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company

6.5.2 Design and Traffic Routing of Switched Access Service

For ATAXXX or Feature Groups D, the Telephone Company shall design and determine the routing of Switched Access Service, including the selection of the first point of switching and the selection of facilities from the interface to any switching point and to the end offices where busy hour minutes of capacity are ordered. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment. Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and the Telephone Company traffic routing plans. If the customer desires routing or directionality different from that determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

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

For ALA and ATA950 or Feature Groups A and B, the line or trunk directionality and traffic routing of the Switched Access Service between the customer's premises and the entry switch are determined by the customer's order for service. Additionally, for ATA950 or Feature Group B the customer may order the optional feature Customer Specification of Local Transport Termination.

6.5.3 Provision of Service Performance Data

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

6.5.4 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. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.5 Determination of Number of Transmission Paths

For ALA and ATA950 or Feature Groups A and B, which are ordered on a per line or per trunk basis respectively, the customer specifies the number of transmission paths in the order for service. For DNALs, the customer will specify the number of channels.

The Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the ATAXXX or Switched Access Feature Group D busy hour minutes of capacity ordered. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between a customer's premises and a Telephone Company location. The number of transmission paths will be developed using the total busy hour minutes of capacity by type (as described in 6.1.1(E), preceding) for the end offices for each Basic Service Arrangement or 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. 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 end office switches only, or (3) the use of tandem switches only. (D) (T)

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.6 Determination of Number of End Office Transport Terminations

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

6.5.7 Design Blocking Probability

The Telephone Company will cooperate in the design of the number of the facilities used in the provision of Switched Access Service. The Telephone Company will monitor the facilities used in the provision of Switch Access Services to meet the blocking probability criteria as set forth in (A) through (F), following. (T)

(A) For ALA and ATA950 or Feature Groups A and B, and DNALs no design blocking criteria apply.

(B) (D)

(D)

(C) For ATAXXX or Feature Group D, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the end office switch, whether the traffic is directly routed without an alternate route or routed

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.7 Design Blocking Probability (Cont'd)

(C) (Cont'd)

via an access tandem. Standard traffic engineering methods as set forth in reference document Technical Reference PUB TREOP-000178 Trunk Traffic Engineering Concepts and Applications (Chapters 6-7) will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.

(D) For Entrance Facility no design blocking criteria apply. For Direct Trunked transport used in provision of ALA, ATA950 and Feature Groups A and B, no design blocking criteria apply. For Direct Trunked transport used in provision of ATAXXX and Feature Group D, the design blocking objective is the same as for the ATAXXX or Feature Group D using the facility. For Tandem Switched Facility, the design blocking objective is the same as for the ALA, ATA or Feature Group using the facility.

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

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.7 Design Blocking Probability (Cont'd)

(F) The Telephone Company will perform routine measurement functions except on ALA and ATA950 or Feature Groups A and B to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., trunks) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.

(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:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.7 Design Blocking Probability (Cont'd)

(F) (Cont'd)

(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 Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.035	.030	.040

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer

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

6.6.1 Report Requirements

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

(A) Jurisdictional Reports

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

(B) Code Screening Reports

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

(C) 900 Access Service Code Reports

When ordering 900 Access Service, the customer must report the appropriate NXX Codes to be instituted. The Telephone Company will activate code identification at all offices where capability is available. The report must be updated by the customer

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6.1 Report Requirements (Cont'd)

(C) 900 Access Service Code Reports (Cont'd)

each time a change is scheduled to occur, i.e., when a new code is to be added or an existing code is to be deleted. Such reports shall be provided according to negotiated service intervals in order to allow the Telephone Company sufficient time to implement the change.

(D) Substantial Call Volume 900 Services

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

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

Failure to provide prescribed notification may result in customer caused network congestion, which could result in discontinuation of service under section 2.1.8 and/or damages under paragraph 2.1.3.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer (Cont'd)

6.6.2 Supervisory Signaling

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

6.6.3 CCSAC Measurement Data

The customer must provide the Telephone Company with the types of utilization, screening results and maintenance that are being made on SS7 Signaling Connections. The above information must be shared with the Telephone Company on an ongoing basis in order to provide capacity to transport and process interconnection traffic.

6.6.4 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, were technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

6.6.5 Design of Switched Access Services

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

6.6.6 Outbound Messaging Application (N)

(A) The Outbound Messaging Application customer is responsible for the delivery of signaling messages associated with Message Waiting from a Customer Designated Message Waiting Service (e.g., Voice Mail Provider) to the Telephone Company's SS7 signaling network.

(B) The Outbound Messaging Application customer is responsible for the connectivity of the Customer Designated Message Waiting Service (e.g., Voice Mail Provider) for use with Outbound Messaging Application.

C) The Outbound Messaging Application customer is responsible for ensuring the accuracy and timeliness of Message Waiting signals sent from the customer's Designated Message Waiting Service (e.g., Voice Mail Provider). (N)

(This page filed under Transmittal No. 125)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations

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

6.7.1 Description and Application of Rates and Charges

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

(A) Monthly Rates

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

(B) Usage Rates

Usage rates (including fixed and per mile rates), are rates that apply only when a specific rate element is used. These are applied on a per call or per access minute basis. Calls or access minute charges are accumulated over a monthly period.

(C) Nonrecurring Charges

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

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(C) Nonrecurring Charges (Cont'd)

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For Switched Access Service which is ordered on a per line or trunk basis, the charge is applied per line or trunk.

A DNAL channel termination charge, per point of termination, will apply to each DNAL ordered. In addition, nonrecurring charges apply per link when an SS7 Signaling Connection is installed for use with FGD or ATAXXX with the CCSAC optional feature.

(a) For an Entrance Facility which is ordered on a per transport channel basis, the charge is applied per transport channel.

(b) For Switched Access lines or trunks which traverse Direct Trunked Transport or Tandem Switched Transport, the nonrecurring charge is applied per transport channel transmission path.

For other optional features or Basic Service Elements, a nonrecurring charge applies per arrangement as shown in 6.8 following.

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(C) Nonrecurring Charges (Cont'd)

(2)

(3) Service Rearrangements

All changes to existing services other than changes involving administrative activities and the off-hook supervisory signaling of ALA or FGA Access Services, will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in (1) preceding will apply for this work activity. Moves that change the physical location of the point of termination are described and charged for as set forth in 6.7.5 following.

- If, due to technical limitations of the Telephone Company, a customer could not combine its Interim 800 traffic with its other trunk Switched Access Services, no charge shall apply to combine these trunk groups when it becomes technically possible.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

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

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

Changes to the point in time when the off-hook supervisory signal is provided in the originating call sequence, i.e., when the off-hook supervisory signal is changed from being provided by the customer's equipment before the called party answers to being forwarded by the customer's equipment when the called party answers or vice versa, are subject to the nonrecurring charge as set forth in 5.2.2(A) preceding.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

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

For additions, changes, or modifications to optional features that do not have their own separate nonrecurring charges, a charge equal to one half the Switched Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transport channel, but rather for an entire transport channel group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

On existing Switched Access trunks, for a change of Switched Access signaling type from multifrequency address signaling to SS7 out of band signaling, i.e., the CCSAC optional feature, no charge will apply, provided there is no change in the physical serving arrangement. When the CCSAC optional feature is specified, the customer may add Calling Party Number (CPN), Charge Number (CN), and Carrier Selection Parameter (CSP) at no charge if these optional features are specified at the same time the CCSAC optional feature is ordered.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

When 64CCC is ordered on an existing FGD or ATAXXX trunk with CCSAC, the full nonrecurring charge described in (1) preceding will apply. The change will be treated as a discontinuance of the existing service and an installation of a new service and a new minimum period charge will apply as set forth in 6.7.3. The customer may order Access Transport Parameter (ATP) for no additional charge if ordered in conjunction with 64CCC.

Pursuant to the FCC Docket "In the Matter of Transport Rate Structure and Pricing (CC Docket No. 91-213)", Report and Order and Further Notice of Proposed Rulemaking, released October 16, 1992, Nevada Bell will waive certain nonrecurring charges for a period ending May 1, 1994, (or until a six month period following the implementation of the interim rate structure).

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

Additional trunks installed at the end office or tandem beyond those existing when the reconfiguration is ordered will be subject to full installation charges. The reconfiguration will be a Feature Group (FG) or Basic Service Arrangement Equivalency unless, due to Telephone Company facility limitation, equivalent FG or BSA cannot be provisioned.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates

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

(1) Entrance Facilities

The Entrance Facility includes the charge for transport from a customer's serving wire center to the customer's premises. The rate is applied for a Voice Grade, DS1 and DS3 Transport Channel on a point of termination per month basis. The rate as set forth in 6.8.1(A) following applies for the selected Transport Channel per point of termination even if all the transmission paths on the selected Transport Channel are not activated. The DS3 Entrance Facility requires DS3 to DS1 multiplexing as set forth in 6.7.1(D)(5) following. Additionally, DS1 to DS0 multiplexing chargeable optional feature is available as set forth in 6.7.1(D)(5) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(2) Direct Trunked Transport

Direct Trunked Transport includes the charge for transport from a customer's serving wire center to an end office for switching of a customer's originating and terminating traffic, a hub location for multiplexing or an Access Tandem for interconnection to Tandem Switched Transport to an end office(s). The rates are applied for a Voice Grade, DS1 and DS3 Transport Channel on a per month fixed and per month per mile basis. The mileage between the end office, hub or access tandem involved and the customer's serving wire center is determined as set forth in 6.7.11 following. The rates as set forth in 6.8.2(B) following apply for the selected Transport Channel even if all the transmission paths on the selected Transport Channel are not activated. DS3 Direct Trunked Transport requires DS3 to DS1 multiplexing as set forth in 6.7.1(D)(5) following. Additionally, a DS1 to DS0 multiplexing chargeable optional feature is available as set forth in 6.7.1(D)(5) following.

(3) Tandem Switched Transport

Tandem Switched Transport includes charges for transport from end offices to the access tandem and for Tandem Switching at the access tandem.

(a) Tandem Switched Transport rates are applied on a per minute of use fixed and per minute of use per mile basis. Tandem Switched Transport rate elements are billed as Originating, (N)
Terminating to Telephone Company's own end office, and (N)
Terminating to non-Telephone Company 3rd party locations based (N)
on call recordings. Non-Telephone Company 3rd party locations (N)
are all offices or other locations not owned by the Telephone (N)
Company. Examples of 3rd party locations include terminations (N)
to other local exchange and wireless carriers. The chargeable (N)
minutes of use for determining the charges are the minutes that are carried over the involved Tandem Switched Transport facilities. The mileage between the end office involved and the access tandem is determined as set forth in 6.7.11 following. The rates are as set forth in 6.8.1(C) following.

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(3) Tandem Switched Transport (Cont'd)

(b) Tandem Switching rates are applied on a per minute of use basis. Tandem Switching rates are billed as Originating, Terminating to Telephone Company's own end office, and Terminating to non-Telephone Company 3rd party locations based on call recordings. Non-Telephone Company 3rd party locations are all offices or other locations not owned by the Telephone Company. Examples of 3rd party locations include terminations to other local exchange and wireless carriers. (N)
The chargeable minutes of use for determining the charges are the minutes that are carried over the involved Tandem Switched Transport facilities. The chargeable minutes are determined as set forth 6.7.6 following. The rates are as set forth in 6.8.1(C) following.

(c) Host Remote Transmission rates are applied on a per access minutes of use and a per access minutes of use per mile basis. These rates also apply to Common Transport facilities that are provided for the common use of all customers but which are not switched through an access tandem.
Host Remote Transmission may be associated with both tandem routed services and direct routed services such as when Tandem-Switched Transport is ordered to a host office to access remotes. Mileage is always measured separately from Tandem-Switched Transmission and Direct-Trunked Transport.

Mileage measure is described in 6.7.11. (M)

(M)

Some material previously appearing on this page now appears on page 6-113.1, following.

(This page filed under Transmittal No. 300)

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(3) Tandem Switched Transport (Cont'd)

(d) Tandem End Office Multiplexing (M)

Rates are applied on a per minute of use basis for the use of the multiplexing equipment on the end office side of the access tandem. Tandem End Office Multiplexing rates are billed as Originating, Terminating to Telephone Company's own end office and Terminating to non-Telephone Company 3rd party locations based on call recordings. Non-Telephone Company 3rd party locations are all offices or other locations not owned by the Telephone Company. Examples of 3rd party locations include terminations to other local exchange and wireless carriers. (N) (M) (N)

(e) Dedicated Tandem Trunk Port (M)

Rates are applied on a monthly per port basis, for each dedicated trunk on the serving wire center side of the access tandem.

Dedicated Tandem Trunk Port is billed as originating and terminating based on a Percent Originating Usage (POU) factor of 50%.

Originating Calculation = PIU x Originating Rate x Quantity x POU

Terminating Calculation = PIU x Terminating Rate x Quantity x (100-POU) (M)

Material appearing on this page previously appeared on age 6-113, preceding.

(This page filed under Transmittal No. 300)

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(4) Transport Interconnection Charge

The Transport Interconnection charge is divided into two subelements. The Transport Interconnection Charge per minute-of-use rates apply to all originating and terminating Switched Access minutes of use that utilize the Company's transport services. The Non-Facilities-Based Interconnection Charge will be assessed in lieu of the Interconnection Charge for all traffic which uses the Telephone Company's local switching services but does not use the Telephone Company's transport services. The Transport Interconnection Charge and Non-Facilities-Based Interconnection Charge premium rates are assessed consistent with the application of premium Local Switching rates. (D) (D)

Transport Interconnection Charge rates are applied to premium rates minutes based upon whether the minutes are classified as originating or terminating. Originating calling permits the delivery of calls from Telephone Exchange service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange service locations. (D)

(1) Originating rates apply to:

- originating access minutes of use (excluding those to which terminating rates apply, as specified in (2), following; (T)

- originating 500, 700, 800, 900 and access minutes of use which are reported as minutes that terminate over a Switched Access Service that is assessed terminating Carrier Common Line Access Charges. Such originating minutes must be reported as specified in 2.3.14(Jurisdictional Report).

(2) Terminating rates apply to:

- terminating access minutes of use;

- FGA and ATA originating access minutes of use;

- originating 500, 700, 800, 900 access minutes of use for calls on which Carrier Common line charges

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(4) Transport Interconnection Charge (Cont'd)

(2) (Cont'd)
are not billed on the terminating end. When an Expanded Interconnection arrangement, as set forth in Section 18, following, is provided and the customer requires DTT to an end office within the same wire center building, the IC rates are not assessed.

(5) Multiplexing

The Multiplexing rate applies when an Entrance Facility or Direct Trunked transport is multiplexed at a Telephone Company hub to a lower capacity (i.e., DS3 to DS1 or DS1 to DS0). DS3 to DS1 multiplexing is required on a DS1 Entrance Facility or Direct Trunked transport. The Multiplexing rate is applied on a per Multiplexing arrangement basis. The rate as set forth in 6.8.1(I) following applies for the selected Multiplexing arrangement even if all the Multiplexing ports for the selected Multiplexing arrangement are not activated.

(6) Local Switching

Local Switching includes usage charges and optional features charges. Local Switching usages rates are applied on a per minute of use basis. Local Switching minutes are as set forth in (E) following. The chargeable minutes are determined as set forth in 6.7.6 following. The rates are as set forth in 6.8.2 following.

The Dedicated End Office Port provides for each in service dedicated line or trunk terminating in the end office port. A monthly rate applies, per line or per trunk, for each dedicated line or trunk terminating in the end office port.

Dedicated End Office Port is billed as originating and terminating based on a Percent Originating Usage (POU) factor of 50%. (C)

Originating Calculation = PIU x Originating Rate x Quantity x POU

Terminating Calculation = PIU x Terminating Rate x Quantity x (100-POU) (C)

(M)

Material previously appeared on this page now appears on 1st Revised Page 6-116.

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(6) Local Switching (Cont'd)

The Shared End Office Trunk Port rate element provides for the use of the shared end office trunk ports for termination of Tandem Switched Transport trunks for tandem routed traffic. A per minute of use charge applies to the Shared End Office Trunk Ports for termination of Tandem Switched transport trunks for tandem routed traffic.

Local Switching optional feature rates are applied on a per month and a per minute of use basis as set forth in Section 6.8.2. (T)

(7) Directory Assistance Information Surcharge (T)

Information Surcharge rates are applied on a per minutes of use basis. The Information Surcharge minutes are as set forth in Section 6.7.1(E). The (T)
chargeable minutes are determined as set forth in Section 6.7.6. The rates are as set forth in Section (T)
6.8.3. (D)

(8) Tandem Switched Transport with Direct Trunked Transport DS1 and DS3 Transport Channels

When Tandem Switched Transport is provided with Direct Trunked Transport DS1 and/or DS3 Transport Channels, the Direct Trunked Transport rates will be adjusted and the Tandem Switched Transport will be billed the per minutes of use fixed and per minutes of use per mile rates for all chargeable minutes as set forth in Section 6.7.1(D)(3). (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(9) Transport Application

An Entrance Facility or EISCT and Direct Trunked transport and Tandem Switched transport is required for all Switched Access Service except when the customer directs its Switched Access Service over another customer's facility as set forth in 6.1.2(A) preceding.

The customer must order Direct Trunked transport from the customer's serving wire center to an access tandem with Tandem Switched transport from the access tandem to the end office(s). The customer may order multiplexing associated with a DS3 or DS1 Entrance Facility or Direct Trunked transport in conjunction with the above.

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(9) Transport Application (Cont'd)

For ALA and FGA Switched Access Service, the customer shall select the first point of switching and Direct Trunked Transport will be provided to the selected first point of switching. In the terminating direction of ALA and FGA, calls which terminate to end offices other than the first point of switching will be provided over Tandem Switched Transport from the first point of switching to the terminating end office. Tandem Switched Transport rates per minute of use fixed and per minute of use per mile will apply. Tandem Switched Transport minutes are as set forth in (E) following. The chargeable minutes of use for determining the charges are the minutes that are carried over the involved Tandem Switched transport facilities. The chargeable minutes are determined as set forth in 6.7.6 following. The mileage between the end office involved and the FGA first point of switching is determined as set forth in 6.7.11 following. Tandem Switching charges as set forth in 6.8.1(C)(2) following do not apply.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(10) DNAL Recurring Rates

(a) DNAL Termination

A monthly rate applies for each DNAL point of Termination requested by the customer.

(b) DNAL Mileage

A fixed monthly rate applies for each DNAL channel between the customer designated premises and the Telephone Company end office switch where the DNAL is terminated.

A monthly rate per mile applies to each airline mile between the serving wire center of the customer's designated premises and the Telephone Company end office switch where the BSE requiring the DNAL is provided. Airline mileage is calculated as set forth in 6.7.11.

(11) Direct Inward Dial (DID)

(a) DID Termination

A fixed monthly rate and a nonrecurring charge applies to each trunk terminating in the central office. Usage will be billed on assumed minutes of use per month.

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(12) SS7 Interconnection

(a) SS7 Link

A fixed monthly rate applies for each STP Access connection between the Telephone Company STP Wire Center and the customer designated premises.

A monthly rate per mile applies to each airline mile between the Telephone Company STP Wire Center and the serving Wire Center of the customer designated premises.

A nonrecurring charge applies for each SS7 Link.

(b) STP Port

A fixed monthly charge applies per STP Port Termination installed at the Telephone Company STP Wire Center.

SS7 Interconnection rate elements are Local Transport monthly rated Switched Access Service rate elements and are not subject to the usage (i.e., Local Transport, Local Switching and Carrier Common Line) rate categories.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(13) Toll Free Access Service

The Basic Toll Free Access Query charge is assessed to the customer on a per query basis. Additional charges may apply to Toll Free Access Service Vertical Features. These charges are billed in addition to the basic query charge. The Six Digit Master Number List Turnaround charge is billed in lieu of the Basic Toll Free Access Query charge when customer identification is performed for Canadian and Caribbean Toll Free numbers. There are no vertical features associated with this function. These charges are described in 6.8.8 following.

(14) Bill Name and Address Service (BNA)

(a) The Telephone Company will, upon request, provide Billing Name and Address Service (BNA), associated with customers who have listed telephone numbers. The Billing Name and Address Service will be provided only when the customer, or the customer's billing agent needs the information to bill a call and the originating telephone number is provided. The customer or the customer's billing agent must subscribe to Automatic Number Identification (ANI) provided by the Telephone Company.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(14) Bill Name and Address Service (BNA) (Cont'd)

(b) A standard format for the receipt and provision of the listed, nonpublished and unlisted telephone number and billing name and address information will be established by the Telephone Company and provided to the customer. If in the course of Telephone Company business it is necessary to change the format, the Telephone Company will provide notification to the involved customers one month prior to the change. The Telephone Company will specify the location(s) where requests are to be received.

(c) The Telephone Company will receive from the customer/billing agent a magnetic tape which contains the originating telephone numbers obtained through Automatic Number Identification (ANI). The frequency for receipt of the customer/billing agent provided magnetic tapes will be at intervals mutually agreed upon between the Telephone Company and the customer. The customer/billing agent provided End User telephone numbers will programmatically be associated with the proper listed, nonpublished, or unlisted End User billing name and address contained in the CRIS file at that time. The information will then be provided back to the customer/billing agent as set forth in (d) following. The Telephone Company will determine the number of magnetic tapes required to provide the Billing Name and Address Service detail.

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6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(14) Bill Name and Address Service (BNA) (Cont'd)

(d) Output magnetic tape(s) containing Billing Name and Address details will be provided to the customer/billing agent as part of Billing Name and Address Service. The magnetic tapes will be provided without the return of previously supplied customer provided tapes. The Telephone Company will supply the output magnetic tapes. Unless otherwise mutually agreed to by the Telephone Company and the customer/billing agent, the output magnetic tapes will be sent to the customer via U.S. Mail. However, the customer/billing agent may pick up the output magnetic tapes at a location designated by the Telephone Company or request that the detail on the magnetic tapes be data transmitted to the customer/billing agent. When the billing name and address details are data transmitted to a customer/billing agent location, program development charges to design, develop, test and maintain the necessary programs will apply as set forth in 6.8.9 and data transmission charges will be determined on an individual case basis. The time to implement programs for data transmission will be determined on an individual case basis. The data transmission hardware and software specifications will be mutually agreed upon by the Telephone Company and customer/billing agent.

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(14) Bill Name and Address Service (BNA) (Cont'd)

(e) The Telephone Company will normally make available for mailing or pick-up the output magnetic tape six workdays after receipt of the customer/billing agent provided magnetic tape, or at an interval that is mutually agreed upon by the Telephone Company and the customer/billing agent. Availability may be delayed in the case of input data errors in the customer/billing agent provided magnetic tape.

(f) Billing Name and Address Service detail will not be retained by the Telephone Company for longer than 45 days. If the customer/billing agent requests that the initially provided output magnetic tape be made available again, such requests must be within 30 days from the date the first output magnetic tape was made available. Charges asset forth in 6.8.9 will apply.

(g) Any customer/billing agent purchasing output magnetic tapes pursuant to this tariff agrees to abide by all applicable Commission rules, decisions, orders, statutes and laws concerning the disclosure of published and nonpublished telephone numbers, and further agrees to use the information contained therein only for the purpose of billing by the end user for services provided to their end users.

(h) At the customer's/billing agent's request the Telephone Company may undertake the development of a program to satisfy a particular customer need. Program development charges would apply for such an undertaking.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(14) Bill Name and Address Service (BNA) Cont'd)

(i) In the event an End User Customer notifies the Telephone Company that their BNA is not to be released, then the End User Customer will be blocked from receiving 3rd number and collect calls.[1] (N)

(15) Outbound Messaging Application

(i) Outbound Messaging Application Point Code
A Monthly Recurring Charge will be billed for each point code used in conjunction with the Outbound Messaging Application. In configurations where the same point code is used to serve locations in more than one LATA, an additional Monthly Recurring Charge will be incurred for each LATA in which the same point code is used.

(ii) Outbound Messaging Application per LATA
A Monthly Recurring Charge will be billed for each LATA in which the Outbound Messaging Application is provided.

(iii) Outbound Messaging Application Provisioning
A Non-Recurring Charge will be billed for the provisioning of the Outbound Messaging Application Service in each LATA in which the service is provided.

6.7.2 Minimum Periods

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

[1] Effective September 13, 2016, collect calls and calls billed to a third number have been discontinued by the Telephone Company. (N) (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.3 Minimum Period Charge

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

The Minimum Period Charge consists of the following:

(A) The Switched Transport Entrance Facility charges, Direct Trunked Transport charges, Switched Transport Multiplexor charges associated with Entrance Facility and Direct Trunked Transport, Optional Features per month charges.

(B) All usage sensitive rate elements, following, based on actual usage: Transport Interconnection Charge, Switched Transport Tandem Switched transport, Tandem Switching, (T)
Directory Assistance Information Surcharge, Local (T)
Switching, Toll Free Access Service, as set forth in
Section 6.8. (T)

(C) Nonrecurring charges associate with the establishment of service, as set forth Section 6.8. (T)

6.7.4 Change of Basic Service Arrangement or Feature Group Type

Changes from one type of Basic Service Arrangement or feature group to another will be treated as discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with three exceptions.

(1) When a customer upgrades an ALA, ATA950, Feature Group A or B service to an ATAXXX or Feature Group D service, or an ALA or Feature Group A service to an ATA950 or Feature Group B service, the nonrecurring charges will not apply if the following conditions are met:

(a) The same customer premises is maintained, and

(b) The disconnections of ALA or FGA service and the start of ATA950, ATAXXX, FGB or FGD service are within the same LATA; or the disconnections of ATA950 or FGB service and the start of ATAXXX or FGD service are within the same tandem subtending area.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Change of Basic Service Arrangement or Feature Group Type (Cont'd)

(1) (Cont'd)

(D)

(D)

(c) The customer requests that the disconnect date on the ALA, ATA950, FGA or FGB service, for the start of ATAXXX or FGD service, be no more than 60 days after allocation. The customer requests the disconnect date of the ALA or FGA service for the start of ATA950 or FGB service be no more than 90 days after the start of the new ATA950 or FGB service. (T)

(d) In the case of an ALA to ATA950; or FGA to FGB change; the ATA950 or FGB trunks that are requested are served from an access tandem. (T)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.4 Change of Basic Service Arrangements or Feature Group Type (Cont'd)

(2) For all changes from one type of Basic Service Arrangement or Feature Group to another, new minimum period obligations will also be established. (T)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.5 Moves

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

- The point of termination at the customer's premises
- The customer's premises

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

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring charge for the capacity affected. There will be no change in the minimum period requirements.

(B) Moves to a Different Building

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

6.7.6 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes.

For Local Switching, Directory Assistance Information Surcharge and Local Switching optional features usage based charges for terminating calls over ALA, FGA, ATA950, FGB, 800, ATAXXX and FGD, and for originating calls over ALA or FGA where the off-hook supervisory signal is provided by the customer's equipment, FGB, ATA950, ATAXXX and FGD, the measured minutes are the chargeable access minutes. For Switched Transport Tandem Switched Transport and Tandem Switching usage based charge for terminating calls over ATA950, FGB, 800, ATAXXX and FGD, and for originating calls over FGB, ATA950, ATAXXX and FGD, the measured minutes carried over the involved Switched Transport Tandem Switched Transport are the chargeable access minutes. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Measuring Access Minutes (Cont'd

For Local Switching, Directory Assistance Information Surcharge and Local Switching Optional Features usage based charges for originating calls over ALA or FGA, ATAXXX, and FGD with conventional signaling where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, the chargeable access minutes are derived from recorded minutes in the following manner. Also when determining Switched Transport Tandem Switched Transport and Tandem Switching usage based charges for originating calls over FGD, ATAXXX and FGD with conventional signaling where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, the chargeable access minutes are derived in the following manner from recorded minutes carried over the involved Switched Transport Tandem Switched Transport. (T)

Step 1: Obtain recorded originating minutes and messages, measured as set forth in Sections 6.7.6(C), (E) and (F) for ALA or FGA, and ATAXXX or FGD respectively, from the appropriate recording data. (T) (T)

Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR) are obtained separately for the major call categories such as DDD, operator, 800, 900, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgement from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.

Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incompleted attempts. The total NCTA is the time on a completed attempt from customer

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Measuring Access Minutes (Cont'd)

Step 3: (Cont'd)

acknowledgement of receipt of call to called party answer (set up and ringing) plus the time on an incompleted attempt from customer acknowledgment of call until the access tandem or end office receives a disconnect signal (ring - no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.

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

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

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

(1) Total Attempts = $\frac{1{,}000(\text{M. Mes.})}{.75\ (\text{CR})}$ = 1,333.3

(2) Total NCTA = .4 (NCTA per Attempt) x 1,333.33 = 533.33

(3) Total Chargeable Originating Access Minutes = 7,000(M. Min) + 533.33(NCTA) = 7,533.33

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Measuring Access Minutes (Cont'd)

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

ALA or FGA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. ATA950, ATANEA, ATAXXX, FGB, and FGD access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office. (T)

Assumed minutes are used for ALA or FGA services which originate or terminate in end offices not equipped with measurement capabilities.

The assumed average access minutes used for services originating or terminating in offices where measurement capability does not exist are set forth in (A), following, for ALA or Feature Group A Services, and in (B), following, for ATA950 or Feature Group B Services. (T) (T)

(A) Where originating and terminating measurement capability does not exist for ALA or Feature Group A provided to an entry switch, the number of access minutes will be assumed to be 4195 access minutes per line per month when the line is arranged for two way calling (1510 originating and 2685 terminating).

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Measuring Access Minutes (Cont'd)

(A) (Cont'd)

Where measurement capability exists for either originating or terminating usage, but not both, on a line arranged for two way calling, the number of access minutes per line per month will be an assumed 4195 or the measured usage, whichever is greater. If the usage in the measured direction exceeds 4195 access minutes per line per month, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 4195 access minutes per line per month, the usage in the unmeasured direction will be the assumed usage for that unmeasured direction; except that the total of measured and assumed minutes will not exceed the total assumed usage of 4195 access minutes designated for two way calling. If the total exceeds 4195 access minutes the assumed minutes shall be reduced so that the total of measured and unmeasured minutes equals 4195 access minutes.

Additionally, when the line is arranged for one way calling and there is no measurement capability for that direction, 1510 access minutes per month will be assumed for originating calling only lines and 2685 access minutes per month will be assumed for terminating calling only lines.

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Measuring Access Minutes (Cont'd)

(B) Where originating and terminating measurement capability does not exist for ATA950 or Feature Group B provided to an entry switch, the number of access minutes will be assumed to be 8700 access minutes per line per month when the trunk is arranged for two way calling (3132 originating and 5568 terminating).

Where measurement capability exists for either originating or terminating usage, but not both, on a trunk arranged for two way calling, the number of access minutes per trunk per month will be an assumed 8700 or the measured usage, whichever is greater. If the usage in the measured direction exceeds 8700 access minutes per trunk per month, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 8700 access minutes per trunk per month, the usage in the unmeasured direction will be the assumed usage for that unmeasured direction except that the total of measured and assumed minutes will not exceed the total assumed usage of 8700 access minutes designated for two way calling. If the total exceeds 8700 access minutes the assumed minutes shall be reduced so that the total of measured and unmeasured minutes equals 8700 access minutes.

Additionally, when the trunk is arranged for one way calling and there is no measurement capability for that direction, 3132 access minutes per month will be assumed for originating calling only lines and 5568 access minutes per month will be assumed for terminating calling only lines.

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Measuring Access Minutes (Cont'd)

(B)(Cont'd)

Notwithstanding the preceding, when ATA950 or Feature Group B is used for the provision of WATS or WATS-type service where measurement capability exists at the WATS Serving Office but not at the ATA950 or Feature Group B entry switch, the measured WATS or WATS-type originating and/or terminating minutes of use shall be separately summed and compared to their respective total assumed originating and/or terminating minutes of use. The number of minutes per trunk per month will be the assumed or the measured usage, whichever is greater.

(C) Access Line Arrangement or Feature Group A Usage Measurement

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

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

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Measuring Access Minutes (Cont'd)

(C) Access line Arrangement or Feature Group A Usage Measurement (Cont'd)

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

(D) Access Trunk Arrangement 950 or Feature Group B Usage Measurement

For originating calls over ATA950 or FGB, usage measurement begins when the originating ATA950 or FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

The measurement of originating call usage over ATA950 or FGB ends when the originating ATA950 or FGB entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Measuring Access Minutes (Cont'd)

(D) Access Trunk Arrangement 950 or Feature Group B Usage Measurement (Cont'd)

For terminating calls over ATA950 or FGB, usage measurement begins when the terminating ATA950 or FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over ATA950 or FGB ends when the terminating ATA950 or FGB entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(E) (D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Measuring Access Minutes (Cont'd)

(D)

(D)

(F) Access Trunk Arrangement 101XXXX or Feature Group D Usage Measurement

For originating calls over ATAXXXX or FGD, usage measurement begins when the originating ATAXXXX or FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination. For originating calls over FGD or ATAXXXX with SS7 signaling usage measurement begins when the last point of switching sends the initial address message to the customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Measuring Access Minutes (Cont'd)

(F) Access Trunk Arrangement 101XXXX or Feature Group D Usage Measurement (Cont'd)

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

(D)

(D)

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

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Network Blocking Charge for Access Trunk Arrangement 101XXXX or Feature Group D

The customer will be notified by the Telephone Company to increase its capacity (busy hour minutes of capacity or quantities of trunks) when excessive trunk group blocking occurs on groups carrying ATAXXXX or Feature Group D traffic and the measured access minutes for that hour exceed the capacity purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on time consistent, hourly measurements over a 30 day period excluding Saturdays, Sundays and national holidays. If the order for additional capacity has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth in 6.8.1(C) following, for each overflow in excess of the blocking threshold when (1) the average "30 day period" overflow exceeds the threshold level for any particular hour and (2) the "30 day period" measured average originating or two-way usage for the same clock hour exceeds the capacity purchased.

Blocking Thresholds

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

The 1% blocking threshold is for transmission paths carrying traffic direct (without an alternate route) between an end office and a customer's premises. The 1/2% blocking threshold is for transmission paths carrying first routed traffic between an end office and a customer's premises via an access tandem.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.8 Application of Rates for Extension Service

ALA or Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different LATA. ALA or Feature Group A extensions within the LATA are provided and charged for under the Telephone Company's local and/or general exchange service tariffs. ALA or Feature Group A extensions in different LATAs are provided and charged for as Special Access Service. The rate elements which apply are: A Voice Grade Channel Termination, Channel Mileage, if applicable, and Signaling Capability (optional features and functions), if applicable. All appropriate monthly rates and nonrecurring charges set forth in 7.7 following will apply.

6.7.9 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with ALA or Feature Group A Switched Access Service are subject to Telephone Company local and/or general exchange service tariff charges (including message unit and toll charges as applicable). The monthly bills rendered to customers for their ALA or Feature Group A Switched Access Service will include a credit to reflect any message unit charges collected from their end users under the Telephone Company's local and/or general exchange service tariffs. When the customer is provided ALA or FGA service where measurement capability does not exist, the credit will apply to access minutes not to exceed 1510 per line per month. No credit will apply for any terminating ALA or FGA access minutes. The message unit credit for originating access minutes will be based on the generally applicable message unit charges of the Telephone Company. The message unit credit for originating ALA or FGA access minutes is as set forth in 6.8.6 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.10 Local Information Delivery Services

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

6.7.11 Mileage Measurement

The mileage to be used to determine the monthly rate for Switched Transport is calculated on the airline distance between the end office switch, which may be a Remote Switching Location, where the call carried by Switched Transport originates or terminates and the customer's serving wire center, except as set forth following. Where applicable, the V&H coordinates method is used to determine mileage. This method is set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION (NECA) TARIFF F.C.C. NO. 4 for Wire Center Information (V&H coordinates).

When Direct-Trunked Transport is provided to a host-remote arrangement, mileage for Direct-Trunked Transport is calculated using the V&H coordinates of the customer's serving wire center and the host office. Mileage for Host/Remote Transmission is calculated using the V&H coordinates of the host office and the remote switching system or remote switching module where the call originates or terminates.

Mileage for Tandem-Switched Transport is calculated using the V&H coordinates of the tandem and the host office. Mileage for Host/Remote Transmission is calculated using the V&H coordinates of the host office and the remote switching system or remote switching module where the call originates or terminates.

Mileage rates are as set forth in 6.8.1 following. To determine the rate to be billed, first compute the airline mileage using the V&H coordinates method. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates. Then multiply the mileage by the appropriate rate.

Mileage for the DNAL BSA is calculated on the airline distance between the serving wire center of the customer's designated premises and the telephone company end office switch where the DNAL terminates. The V&H Coordinates method is used to determine mileage. This method is set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION (NECA) TARIFF F.C.C. No. 4 for Wire Center Information (V&H Coordinates).

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.11 Mileage Measurement (Cont'd)

Exceptions to the mileage measurement rules are as follows:

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

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

6.Switched Access Service (Cont'd

6.7Rate Regulations (Cont'd)

6.7.11 Mileage Measurement (Cont'd)

(B) When the Alternate Traffic Routing optional feature is provided with Access Trunk Arrangements NEA and XXX or Feature Group D, usage rated Tandem Switched Transport access minutes will be apportioned between the two transmission groups used to provide this feature. Such apportionment will be made using: (1) Standard Telephone Company traffic engineering methodology and will be based on the last trunk CCS desired for the high usage group, as described in 6.3.1(L), preceding, and the relative capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch. For ATAXXX and FGD, the Tandem Switched Transport mileage calculation will be based on the actual measured data which is recorded against the specific trunk group that carried a particular call. The customer will be billed accordingly. (D) (T)

(C) (D) (D)

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

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.11 Mileage Measurement (Cont'd)

(D) (Cont'd)

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

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

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

6.7.12 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same High Capacity service through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.2.7 following. Switched Access rates and charges as set forth in 6.8 following will apply for each channel of the high capacity facility that is used to provide Switched Access Service.

6.7.13 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 6.8.3 following. The application of these rates with respect to individual Basic Service Arrangements or Feature Groups is as set forth in 6.7.1(D) preceding.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Switched Transport

(A) Entrance Facilities

	USOC	Monthly Rates	Nonrecurring Charge
(1) Voice Grade per point of termination	TSW2X	$ 16.04	$ 500.00
	TSW4X	24.68	500.00
(2) DS1 per point of termination	TMESW	36.06	585.66
(3) DS3 per point of termination	Z0MSW	1,560.00	1,950.70

(B) Direct Trunked Transport

	USOC	Monthly Rate Fixed	Per Mile
(1) Voice Grade per transport channel	1L5SW	$ 6.00	$ .40
(2) DS1 per point of termination	1L5SW	17.92	3.30
(3) DS3 per point of termination	1L5SW	134.65	20.40

(C) Tandem Switched Transport/Common Transport

	Originating Per Access Minute	Terminating to non-Telephone Company 3rd party location Per Access Minute	Terminating to Telephone Company's own end office Per Access Minute	
(1) Tandem Switched Transport				
Fixed per MOU	$0.000120	$0.000120	$0.00	
Per Mile per MOU	$0.000008	$0.000008	$0.00	
(2) Tandem Switching Per Access Minute	$0.001062	$0.001062	$0.000	(R)
(3) Tandem End Office Multiplexing per Access Minute	$0.000018	$0.000018	$0.00	
(4) Host Remote Transmission				
Fixed per MOU	$0.000901	N/A	$0.00	
Per Mile per MOU	$0.000019	N/A	$0.00	

(5) Dedicated Tandem Trunk Port Per Port	Originating USOC	Originating Rate	Terminating USOC	Terminating Rate
	3PO3X	$1.20	3PT3X	$1.20

(D) Transport Interconnection Charge

	Per Access Minute
Premium	
(a) Originating	0.000000
(b) Terminating	0.000000

Non-Facilities Based Interconnection Charge

Premium	
(a) Originating	0.000000
(b) Terminating	0.000000

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Switched Transport (Cont'd)

	USOC	Nonrecurring Charge	
(E) Installation Per Order			
(1) Per FGA, ALA line traversing Direct Trunked Transport	TPP++	$400.00	
(2) Per ATA950, ATAXXX FGB, FGD, or 800 Access Service traversing Direct Trunked Transport or Tandem Switched Transport	TPP++	$56.38	(D)

	Rate Per Call Blocked
(F) Network Blocking Charge +	$0.0037

(G) Nonchargeable Optional Features

(1) Supervisory Signaling

DX Supervisory Signaling arrangement
- Per Transport Channel Path*

SF Supervisory Signaling arrangement
- Per Transport Channel Path**

E&M Type 1 Supervisory Signaling arrangement
- Per Transport Channel Path*

E&M Type II Supervisory Signaling arrangement
- Per Transport Channel Path**

+ Applies to ATAXXX or FGD.
* Available with Interface Groups 1 and 2.
** Available with Interface Groups 2 and 6 through 10.

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Switched Transport (Cont'd)

(H) Nonchargeable Optional Features (Cont'd)

(1) Supervisory Signaling (Cont'd)

E&M Type III Supervisory Signaling
- Per Transport Channel Path*

Tandem Supervisory Signaling
- Per Transport Channel Path**

(2) Customer specification of the receive transmission level at the first point of switching within a range acceptable to the Telephone Company
- Per Transport Channel Path***

(3) Customer specification of Local Transport Termination
Four-wire termination in lieu of two-wire termination
- Per Transport Channel Path****

(4) Common Channel Signaling (CCSAC)

* Available with Interface Groups 1 and 2 for ATAXXX and FGD. (D)
** Available with Interface Group 2 for ALA or FGA.
*** Available with Interface Groups 2 through 10 for ALA, ATA950, FGA and FGB. The range of transmission levels which may be specified is described in Technical Reference PUB 62500.
**** Available with ATA950 or Feature Group B with type B Transmission Performance.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Switched Transport (Cont'd)

(I) Chargeable Optional Features

(1) Multiplexing - per Arrangement

	USOC	Monthly Rates	Nonrecurring Charges	
DS3 to DS1 - Per Arrangement	MQ3SW	$131.25	None	
DS1 to Voice/Digital - Per Arrangement	MQ1SW	54.00	None	
(2) Carrier Identification Parameter	C1PAT	46.98	None	
(3) Forwarded Call Information	FCLMF	250.00	585.00	(N)
(4) Network Forwarded Call Information (NFCI)	MN1XX	1100.00	2200.00	
(5) NFCI with Alternate Network Delivery	MN1AN	1100.00	2200.00	
(6) NFCI – Multiple User	M2NXX	1100.00	2200.00	
(7) NFCI Multiple User with Alternate Network Delivery	M2NAN	1100.00	2200.00	
(8) Activate Message Waiting Indicator – Audible	MW1AD	250.00	406.00	
(9) Activate Message Waiting Indicator – Visual	MW1VS	250.00	480.00	(N)

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6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Switching

	Originating Rate Per Access Minute	Terminating Rate Per Access Minute	
(A) Usage Sensitive Rates			
Premium			
LS1-Feature Groups A and B except for FGA and FGB used to terminate traffic to a WAL provided from an end office	$0.001342	$0.00	(R)
LS1A-Access Line Arrangement and Access Trunk Arrangement 950 except for ALA and ATA950 used to terminate traffic to a WAL provided from an end office.	$0.001342	$0.00	(R)
LS2-Feature Group D, FGA and FGB used to terminate traffic to a WAL provided from an end office, and originating FGB routed to FGD as specified in Section 6.2.4(A)(9).	$0.001342	$0.00	(R)
LS2A-Access Trunk Arrangements 10XXX, ALA and ATA950 used to terminate traffic to a WAL provided from an end office, and originating ATA950 routed to ATAXXX as specified in Section 6.2.4(A)(9).	$0.001342	$0.00	(R)
Feature Group Transitional			
Per Access Minute	$0.000604	$0.00	(R)
Basic Service Arrangement Transitional			
Per Access Minute	$0.000604	$0.00	(R)

	Originating USOC	Originating Monthly Rate	Terminating USOC	Terminating Monthly Rate
(B) Dedicated End Office Trunk Port				
Per Port	3PO1X	$ 13.76	3PT1X	$ 0.00
(C) Shared End Office Trunk Port				
Per Minute of Use		$ 0.001663		$ 0.00
(D) Feature Group A Line Port				
Per Port	3PO1X	$ 13.00	3PT1X	$ 0.00

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Switching (Cont'd)

(D) Common Switching Optional Features and BSEs

	FID/USOC		
Call Denial on Line or Hunt Group (available with ALA or FGA) - Per Transmission Path or Transmission Path Group	CAD		
Service Code Denial on Line or Hunt Group (available with ALA or FGA) - Per Transmission Path or Transmission Path Group	SCD		
Hunt Group Arrangement (available with FGA) - Per Transmission Path Group	HML/HTG		
Hunt Group Arrangement (Available with ALA)(BSE) - Per Transmission Path Group	CF3HG/MLHTG	$0.00	(R)
Uniform Call Distribution Arrangement (available with FGA) - Per Transmission Path Group	UCD		

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Switching (Cont'd)

(D) Common Switching Optional Features and BSEs (Cont'd)

	FID/USOC	Monthly Rate	
Uniform Call Distribution Arrangement (Available with ALA)(BSE) - Per Transmission Path Group	CF3UC/CDUHT	$0.00	(R)
Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (available with FGA) - Per Transmission Path	NHN		
Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (available with ALA) - Per Transmission Path Group	MLHPT		
Automatic Number Identification/ Charge Number (available with ATA950 or FGB, and FGD or FGD with CCSAC Optional Feature) - Per Transmission Path Group	ANI/SLCHG		
Automatic Number Identification/ Charge Number (available with ATAXXX and ATAXXX with CCSAC Optional Feature) - Per Call	BEANI	Monthly Rate $0.00	(R)

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Switching (Cont'd)

(D) Common Switching Optional Features and BSEs (Cont'd)

	FID/USOC	
Up to 7 Digit Outpulsing of Access Digits to Customer (available with ATA950 or FGB) - Per Transmission Path Group	USDO	
Cut-through (available with ATAXXX or FGD) - Per End Office or Access Tandem	CTO	(D) (D)
Service Class Routing (available with ATAXXX or FGD) - Per Transmission Path Group	SCRT	(D)
Alternate Traffic Routing (available with ATAXXX or FGD) - Per Transmission Path Group	ARTG	(D)

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Switching (Cont'd)

(D) Common Switching Optional Features and BSEs (Cont'd)

		FID/USOC	
Trunk Access Limitation Arrangement (available with ATAXXX or FGD) - Per End Office		CHOK	(D)
Call Gapping Arrangement (available with ATAXXX or FGD) - Per End Office		GAP	
International Carrier Option (available with ATAXXX or FGD) - Per End Office and Access Tandem		INCO	
Band Advance Arrangement Access Service utilized in the provision of WATS or WATS-type Services (available with all Basic Service Arrangements or Feature Groups A, B, and D) - Per Arrangement			(D)
Call Transfer (BSE) (Available with ALA) - Per Transmission Path Group	USOC TRC3W	Monthly Rate ICB	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Switching (Cont'd)

(D) Common Switching Optional Features and BSEs (Cont'd)

	FID	
End Office End User Line Service Screening for Use with Special Access Service utilized in the provision of WATS or WATS-type Services (available with ATAXXX or FGD) - Per Transmission Path	BAND	(D)
Hunt Group Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services (available with all Basic Service Arrangements or Feature Groups A, B, and D) - Per Transmission Path Group	HML/HTG	(D)
Uniform Call Distribution Arrangement for Use with Special Access Service utilized in the provision of WATS of WATS-type Services (available with all Basic Service Arrangements or Feature Groups A, B, and D) - Per Transmission Path Group	HTY UD	(D)

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Switching (Cont'd)

(D) Common Switching Optional Features and BSEs (Cont'd)

	FID/USOC
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 (available with all Basic Service Arrangements or Feature Groups A, B and D) - Per Transmission Path	NHN
Calling Party Number (CPN)** - Per Transmission path group	SLCPN
Carrier Selection Parameter (CSP)** - Per transmission path group	NR4CS/SLCSP
Access Transport Parameter*** - Per Customer per switch	

	FID/ USOC	Monthly	Nonrecurring	
Direct Inward Dialing (DID)* (Available with ALA or FGA) Up to seven-digit outpulsing of the called number provided to the customer premises. per trunk equipped	NDT	$0.00	$0.00	(R)
Answer Supervision - Lineside (Available with ALA) - per line	ANSPF	ICB	ICB	

* DID rate are in addition to usage billed on assumed minutes of use per month.

** Available only with FGD or ATAXXX with CCSAC optional feature.

*** Available only with FGD or ATAXXX with CCSAC and 64CCC optional features.

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6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Switching (Cont'd)

(E) Switched Transport Termination Nonchargeable Options

	FID
(1) Line Side Terminations (For ALA or FGA)	
Two Way Operation	
- Dial Pulse with Loop Start	NC+++A
- Dial Pulse with Ground Start	NC+++E
- DTMF with Loop Start	NC+++F
- DTMF with Ground Start	NC+++G

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Switching (Cont'd)

(E) Switched Transport Termination Nonchargeable Options (Cont'd)

	FID	
(1) Line Side Terminations (For ALA or FGA) (Cont'd)		
Terminating Operation		
- Dial Pulse with Loop Start	NC+++N	
- Dial Pulse with Ground Start	NC+++P	
- DTMF with Loop Start	NC+++R	
- DTMF with Ground Start	NC+++S	
Originating Operation		
- Loop Start	NC+++U	
- Ground Start	NC+++V	
(2) Trunk Side Terminations (For all Access Trunk Arrangements or FGB and FGD)		(D)
Standard Trunk for Originating, Terminating or Two-	TTC SO	
Way Operation	TTC ST	
(available with all Access Trunk Arrangements or FGB and FGD)	TTC TY	(D)
Rotary Dial Station Signaling Trunk (available with ATA950 or FGB)	TTC RD	

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Local Switching (Cont'd)

(E) Switched Transport Termination Nonchargeable Options (Cont'd)

	FID	
(2) Trunk Side Terminations (For all Access Trunk Arrangements or FGB and FGD) (Cont'd)		(D)
		(D)
		(D)
Coin or Combined coin and non-coin (Available with ATAXXX or FGD)	TTC FF	
Operator Trunks - EAOSS - Full Feature Arrangement (available with ATAXXX or FGD)	TTC FF	
(3) Tandem Signaling (MF or SS7) (available with ATAXXX or FGD)		

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.3 Directory Assistance Information Surcharge (T)

	Premium
- Per 100 Access Minutes	$0.000000

6.8.4 Network Access Services

	USOC	Monthly Rates	Nonrecurring Charges
(A) DNAL Rates and Charges			
(1) DNAL Termination			
- Per Point of Termination			
- 2 wire	T6E2X	$ 8.68	$747.94
- 4 wire	T6E4X	17.35	747.94

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.4 Network Access Services (Cont'd)

	USOC	Monthly Rates	Nonrecurring Charges
(A) DNAL (Cont'd)			
(2) DNAL Mileage			
DNAL Mileage Facility			
Per mile	CMF	$ 0.70	None
DNAL Mileage Termination			
Per Termination	CMT	11.29	None
(B) DNAL BSEs			
(1) #Availability and Stop Hunting Control Arrangement	(BSE)*	4.20	
(2) Port Access To Verify Integrity of Subscriber Lines (BSE) -Per Port (2 ports required)	VE1SL	None	$500.00

Requires the use of DNAL as specified in Section 6.2.6A.

* Availability and Stop Hunting Control Arrangement is known as Make Busy Key in Bell Operating Companies ONA Special Report #5.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.5 Reserved for Future Use (T)

6.8.6 Message Unit Credit

	Rates
- Per originating ALA or Feature Group A access minute	$0.001509

6.8.7 SS7 Interconnection

	USOC	Nonrecurring Charge	Monthly Rate
(A) SS7 Links			
- per Link	SL7	$1,131.17	$ 11.29
- per Mile			.70
(B) STP Port			
- per Port	SLPTC		$1,046.00

6.8.8 Toll Free Access Service

	Recurring Charges
Basic Toll Free Access Query	
- per Query	$0.005177(R)
POTS Translation	
- per Query	0.000000
Multiple Destination Routing	
- per Query	0.000499
Six Digit Master Number List Turnaround	
- per Query	0.003652

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.9 Billing Name and Address Service

Set -up Fee -per CIC	$3,000.00
BNA Found -per query	.77
BNA Not Found -per query	.39

6.8.10 Outbound Messaging Application

	USOC	Monthly Rate	Nonrecurring Charge	
- Per LATA	NPM	$6000.00		(N)
- Per Point Code	US4PL	$2000.00		
- Provisioning Charge per LATA	NPM		$125.00	

(N)