ACCESS SERVICE

6. Switched Access Service

6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point electrical communications path to a customer's facilities from an end user's premises. It provides for the use of common terminating switching and transport facilities and common subscriber plant of the Telephone Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer's facilities, and to terminate calls from a customer's facilities 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 6.1.1 and 6.1.2 following.

Rates and charges for Switched Access Service depend generally on its use by the customer, i.e., for MTS or WATS services, MTS-WATS equivalent services, or other services (e.g., foreign exchange service). Rates and charges for Switched Access Service are set forth in 6.9 following. The application of rates for Switched Access Service is described in 6.8 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 6.2.1(A)(7), 6.2.1(B)(4), 6.2.2(A)(5), 6.2.3(A)(5), 6.2.4(A)(4), 6.8.10 and 6.8.12 following. Finally, a credit is applied against lineside Switched Access Service charges as described in 6.8.11 following. (D)

Pursuant to FCC Report and Order and Order On Further Reconsideration and Supplemental Notice of Proposed Rulemaking, 6 FCC Rcd 4524 (1991), the Telephone Company offers a Lineside Switched Access BSA (Lineside BSA) and a Trunkside Switched Access BSA (Trunkside BSA) and a number of BSEs.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements

Switched Access Service is provided in three unbundled service arrangements of alternative features and optional BSEs called (1) Lineside Switched Access BSA (Lineside BSA) and (2) Trunkside Switched Access BSA (Trunkside BSA) and (3) Dedicated Network Access Link (DNAL) BSA, and in three 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). (T) (D)

The arrangements are differentiated by their technical characteristics, e.g., lineside vs. trunkside connection at the Telephone Company entry switch, and by the manner in which an end user accesses them in originating calling, e.g., with or without an access code. A description of Lineside BSA, Trunkside BSA and DNAL BSA is in 6.3 following. A description of each Feature Group is in 6.2 following.

Switched Access Service is provided in six service categories of standard and optional features.

These are differentiated by their technical characteristics, e.g., lineside vs. trunkside connection at the Telephone Company entry switch, and the manner in which an end user accesses them in originating calling, e.g., with or without an access code. Following is a brief description of the Feature Group arrangements.

(A) Feature Group A (FGA)#

FGA Access provides lineside access to Telephone Company end office switches with an associated seven-digit local telephone number for the customer's use in originating and terminating communications (1) to an Interexchange Carrier's interstate service or (2) to the Telephone Company's facilities when used to provide dial tone service from the Telephone Company's end office switch in a state other than the state of the customer's normal serving end office.

When ordering FGA service, the customer must specify the Interexchange Carrier to which the FGA service is physically connected or specify the means by which the FGA access communications is transported interstate. If the customer cannot specify the type of connection used to transport traffic interstate, the lineside service should be obtained as provided under the Telephone Company's local and/or general exchange service tariffs.

A more detailed description of FGA Access is provided in 6.2.1 following.

Availability limited. Please refer to # footnote on Page 14-93.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements (Cont'd)

(B) Feature Group B (FGB)

FGB Access, which is available to all customers, provides trunkside access to Telephone Company end office switches with an associated uniform 950-0XXX or 950-1XXX access code for the customer's use in originating and terminating communications. A more detailed description of FGB Access is provided in 6.2.2 following.

WATS Access Line Service, for use in the originating and terminating direction, is available with Feature Group B.

(C) Reserved for Future Use (C)

(D)
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(D)

(D) Feature Group D (FGD)

FGD Access, which is available to all customers, provides trunkside access to Telephone Company end office switches with an associated 101XXXX access code for the customer's use in originating and terminating communications. WATS Access Lines are ordered as set forth in 5.2 preceding. As an option, 950 on FGD Access is also available, where technically feasible, with an associated uniform 950-XXXX access code for the customer's use in originating traffic. Calls in the terminating direction will not be completed to 950-XXXX access codes. When used with the 950 dialing option, FGD is only available with SS7 signaling. A more detailed description of FGD Access is provided in 6.2.4 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements (Cont'd)

(D) Feature Group D (Cont'd)

Switched 56 Kilobit Service, as described in Section 6.2.4(A)(7) following is an optional service available for use with Feature Group D. Switched 56 Kilobit Service is ordered as set forth in 5.2 preceding.

(D)
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(D)

(E) WATS Access Line Service

WATS Access Line Service is a type of special Access Service that is provided only for use with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups A, B, and D Switched Access Services. WATS Access Line Service connects an end user premises with a WATS serving office. This service is described in 7.2.3.1 following.

(F) Manner of Provision

Switched Access is furnished on a per-line or per-trunk basis respectively.

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements (Cont'd)

(F) Manner of Provision (Cont'd)

There are three major traffic types. These are: Originating, Terminating and Directory Assistance. 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; and, Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for Trunkside BSA - 950 Option, Trunkside BSA- 101XXXX Option, FGB Access, or FGD Access, the customer must at a minimum specify such access capacity in terms of originating traffic type and/or terminating traffic type. All Feature Group B, Feature Group D, and Trunkside BSA traffic must be associated with a customer-provided Carrier Identification Code ("CIC" code). Directory Assistance traffic type is used for ordering Directory Assistance Access Service as set forth in 9. following.

Because some customers will wish, or may be required, to further segregate their originating Trunkside BSA-101XXXX Option or FGD traffic into separate trunk groups, Originating traffic type is further categorized into Domestic, 500 Access Service, Toll Free* Data Base Access Service, 900, Operator, IDDD, Switched 56 (S56) Kilobit Service, and Telecommunication Relay Service. Domestic traffic type represents access capacity for carrying only domestic traffic other than 500 Access Service, Toll Free Data Base Access Service, 900 and Operator traffic; IDDD traffic type represents access capacity for carrying only international traffic; 500 Access Service, Toll Free Data Base Access Service, 900 and Operator traffic type represents access capacity for carrying, respectively, only 500 Access Service, Toll Free Data Base Access Service, 900 or Operator traffic; and Switched 56 (S56) Kilobit Service, Operator Transfer, and Telecommunication Relay Service traffic types represents access capacity for carrying, respectively, only Software Network traffic, Switched 56 (S56) Kilobit Service, and Telecommunication Relay Service.

* "Toll Free" service includes any access service which utilizes the following NPAs: 800, 888, 877, 866, 855, 844, 833, 822, or other NPAs as they become available to the industry. (T) (T)

(This page filed under Transmittal No. 1420)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Arrangements (Cont'd)

(F) Manner of Provision (Cont'd)

When ordering such types of access capacity, the customer must specify Domestic, 500, Toll Free, 900, Operator IDDD, Switched 56 (S56) Kilobit Service, or Telecommunication Relay Service traffic type. Switched 56 (S56) Kilobit Service traffic must be carried over a separate trunk group and cannot be combined with other traffic types. (D) | (D)

An out of band signaling connection as described in following is required in conjunction with Trunkside BSA-101XXXX Option and Feature Group D equipped with out of band signaling and/or Billing Validation Service. An out of band signaling connection provides the interconnection between the Telephone Company's STP pair and the customer's SPOI(s).

When ordering out of band signaling with Trunkside BSA- 101XXXX Option and Feature Group D the customer shall specify that all traffic is to be equipped with out of band signaling.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories

The following rate categories apply to Switched Access Service:

- Switched Transport (described in 6.1.2(A) following)
- End Office (described in 6.1.2(B) following)
- Common Line (described in Sections 3. and 4. preceding)
- Toll Free Data Base Access Service (described in 6.4.3(C) following)

In addition to the rate categories there is an Information Surcharge that applies to Lineside BSA, Trunkside BSAs and all Switched Access Feature Groups. The description and application of these charges are set forth in 6.1.2(B)(3) following. (D) (D)

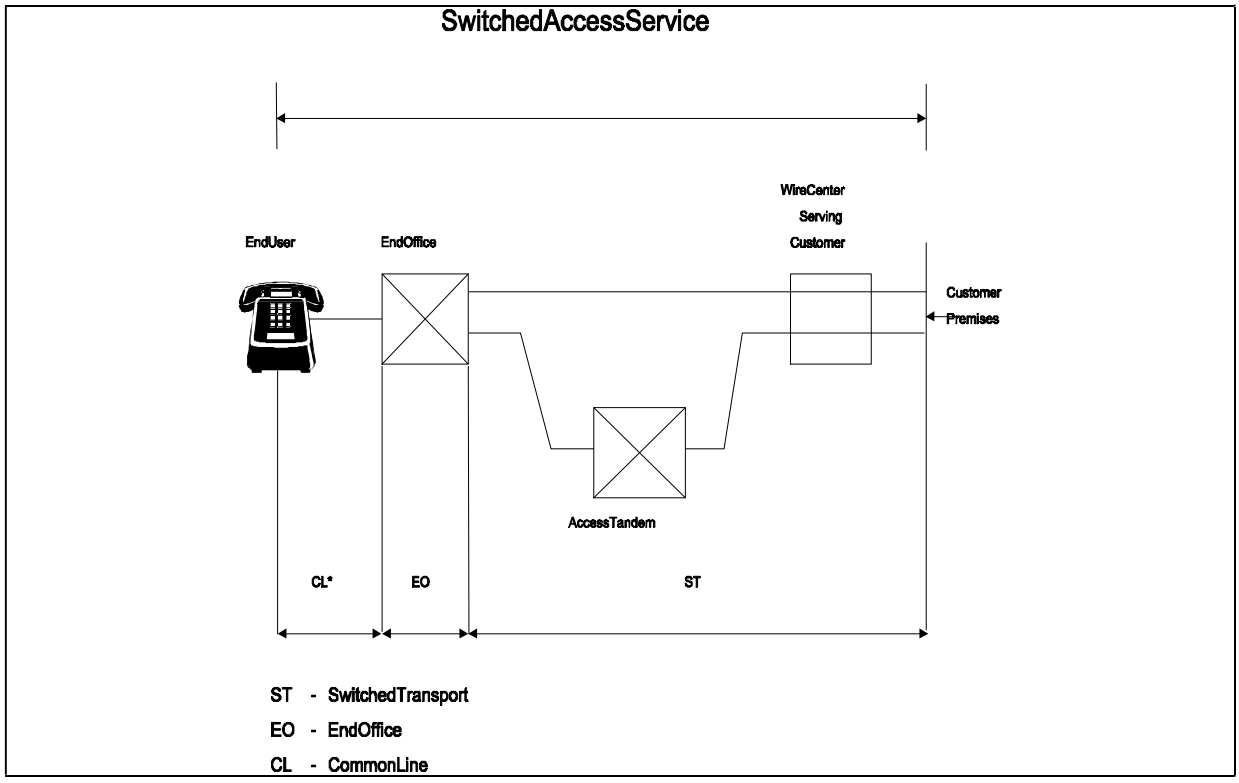
ACCESS SERVICE

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.



* Common Line access is provided under Sections 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 provides the transmission facilities between the customer's facilities and the end office switch(es) where the customer's traffic is switched to originate or terminate customer's communications. For purposes of determining Switched Transport mileage, distance will be measured from the wire center that normally serves the customer's facilities to the end office switch for Direct Trunked Transport or from the end office to an access tandem for Tandem Switched Transport. Mileage measurement rules are set forth in 6.8.13 following.

Switched Transport is a two-way voice frequency transmission path comprised of Switched Entrance facilities, Direct Trunked Transport facilities, Tandem Switched Transport facilities and/or Host/Remote facilities which permit the transport of calls in the originating direction (from the end user switch to the customer's facilities) and in the terminating direction (from the customer's facilities to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The Telephone Company will work cooperatively with the customer in determining (1) the Entrance Facility, (2) whether the service is to be directly routed to an end office switch or through an access tandem switch via Tandem Switched facilities, and (3) the directionality of the service. When the customer has ordered Trunkside BSA-101XXXX Option or FGD with the Switched 56 Kilobit Service, the Telephone Company will provide facilities that are capable of supporting transmission of digital data at a speed of 56 Kbps.

When the customer has ordered Trunkside BSA-101XXXX Option or FGD to carry traffic originated from a TRS Center, the Telephone Company will provide facilities between the TRS Center and the access tandem. The Telephone Company will ensure sufficient capacity exists between the TRS and the access tandem to handle all TRS originated traffic. Switched transport charges for TRS traffic will be applied as specified in 6.9.1, 6.8.1(D), and 6.8.13(J) 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)

Switched Transport is ordered under the access order provisions as set forth in Section 5 preceding. Design and traffic routing of Switched Transport Service is described in Section 6.6.2 following. (T)

Switched Transport is comprised of an Entrance Facility rate category, as described in (1) following, a Direct Trunked Transport rate category, as described in (2) following, a Tandem Switched Transport rate category, as described in (3) following, and an Interconnection charge as described in (5) following. (T)

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)

(1) Entrance Facility Rate Category

An Entrance Facility provides the communication path between a customer's premises and the Telephone Company SWC of that premises for the sole use of the customer. The Entrance Facility category is comprised of a Voice Grade rate, a DS1 rate, a DS3 rate, or an IntelliLight Entrance Facilities (IEF) rate, plus IEF Interface when appropriate. An Entrance Facility is required whether the customer's premises and the SWC are located in the same or different buildings. The types of facilities available for Entrance Facilities are described in 6.2.5 following. (D)

(2) Direct Trunked Transport Rate Category

Direct Trunked Transport provides the transmission path from the SWC of the customer's premises to an end office or from the SWC to a tandem or in the case of voice grade service used for FGA/Lineside BSA, from the SWC to the Dial Tone Office (DTO). This transmission path is dedicated to the use of a single customer.

The Direct Trunked Transport rate category is comprised of a monthly fixed rate and a monthly per mile rate based on the facility provided (i.e., Voice Grade, DS1, or DS3). The fixed rate provides the circuit equipment at the ends of the transmission links. The per mile rate provides the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Direct Trunked Transport rate is the sum of the fixed rate and the per mile rate. For purposes of determining the per mile rate, mileage shall be measured as airline mileage between the SWC of the customer's premises and the end office or directly to the access tandem using the V&H coordinates method. The types of facilities available for Direct Trunked Transport are described in 6.2.5 following. (D)

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 Rate Category

Tandem Switched Transport provides the transmission facilities from the end office to the tandem utilizing tandem switching functions. Tandem Switched Transport consists of circuits used in common by multiple customers from the access tandem to an end office.

The Tandem Switched Transport rate category is comprised of a Tandem Transport fixed MOU rate, Tandem Transport Per Mile/Per MOU rate, and a Tandem Switching MOU rate. The fixed rate provides the circuit equipment at the end of the interoffice transmission links. The per mile rate provides the transmission facilities, including intermediate transmission circuit equipment between the end points of the interoffice circuit. For purposes of determining the per mile rate, mileage shall be measured as airline mileage between the end office and the tandem using the V&H coordinates method. For Toll Free originating access minutes, the Tandem Switching rate provides for tandem transport, tandem transmission, and tandem switching. No other Tandem Switched Transport usage charges will be assessed for Toll Free originating access minutes. For Other Than Toll Free originating access minutes, the Tandem Switching rate provides for tandem switching facilities. The Tandem Switched Transport rate is the sum of the fixed rate, the per mile rate, and the Tandem Switching MOU rate. (C)(x) (C)(x)

The Tandem Switched Transport fixed rate and the Tandem Transmission per mile/per MOU rate also apply to FGA with a Voice Grade Facility. The miles are measured from the DTO to the End Office.

The Dedicated Tandem Trunk Port is a monthly per port rate that provides a port for each dedicated trunk terminating on the serving wire center side of the access tandem.

The Transport Multiplexing rate provides for the use of common DS3 to DS1 multiplexers in the end office side of the access tandem for traffic that is switched at an access tandem and/or Feature Group A traffic.

(x) Issued in compliance with the Order of the Federal Communications Commission in WC Docket No. 18-156, *In the Matter of 8YY Access Charge Reform*, FCC 20-143, released October 9, 2020.

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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) Host/Remote Rate Category

Host/Remote Transmission is composed of a fixed MOU rate and per mile/per MOU rate. The fixed rate provides for the circuit equipment at the end of the interoffice transmission. The per mile rate provides the transmission facilities between the end points of the interoffice circuit between the host and the remote. For purposes of determining the per mile rate, mileage will be measured as airline mileage using the V&H coordinates method. Mileage measurement rules are set forth in 6.8.13 following.

(5) Interconnection Charge

The Switched Transport Interconnection Charge charge is applied to all access minutes based on the directionality of the traffic carried over the Switched Access Service and whether or not it is provided under a collocated Interconnection Agreement.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups

Ten Interface Groups are provided for terminating the Switched Transport at the customer's facilities. Each Interface Group provides a specified interface at customer's facilities (e.g., two-wire, four-wire, DS1, etc.). Where Telephone Company transmission facilities permit, the individual transmission path between the customer's facilities and the first point of switching may at the option of the customer be provided with optional features as set forth in 6.1.2(A)(7) and (8) following.

As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer's facilities, 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 facilities. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer's facilities are digital, then Telephone Company channel bank equipment must be placed at the customer's facilities in order to provide the voice frequency interface ordered by the customer.

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2 through 10 are provided with Type A or B Transmission Specifications, depending on the Feature Group and whether the Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

Only certain premises interfaces are available at the customer's facilities. The premises interfaces associated with the Interface Groups may vary among Switched Access Arrangements. The various premises interfaces which are available with the Interface Groups, and the Switched Access Arrangements with which they may be used, are set forth in 6.1.2(A)(6)(k) following. Compatibility and interface requirements for Trunkside BSA-101XXXX Option and FGD equipped with Switched 56 Kilobit Service capability are described in Technical Reference GR-334-CORE, Issue 1. (C)(x) (C)(x)

(x) GR-334-CORE, Issue 1, replaces TR-NPL-000334 in its entirety.

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) Interface Groups (Cont'd)

(a) Interface Group 1 (USOC TPP1X)

Interface Group 1, except as set forth in the following, provides two-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with Trunkside BSA-101XXXX Option and FGD when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGB, or FGD when the first point of switching provides only four-wire terminations. (D) (D) (D) (D)

The transmission path between the point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with Lineside BSA or FGA, such signaling will be loop start or ground start signaling. When the interface is associated with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGB, or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling. (D) (D)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups (Cont'd)

(b) Interface Group 2 (USOC TPP2X)

Interface Group 2 provides four-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The transmission path between the point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with Lineside BSA or FGA, such signaling will be loop start or ground start signaling. When the interface is associated with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, (D)
FGB, or FGD, such signaling, except for two-way (D)
calling which is E&M signaling, will be reverse battery signaling.

(c) Interface Group 3 (USOC TPP3X)

Interface Group 3 provides group level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to channelize up to 12 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex equipment to derive 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

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) Interface Groups (Cont'd)

(c) Interface Group 3 (USOC TPP3X) (Cont'd)

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

(d) Interface Group 4 (USOC TPP4X)

Interface Group 4 provides supergroup level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to channelize up to 60 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

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

(e) Interface Group 5 (USOC TPP5X)

Interface Group 5 provides mastergroup level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to channelize up to 600 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

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

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) Interface Groups (Cont'd)

(f) Interface Group 6 (USOC TPP6X)

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive 24 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, a DS1 signal in D3/D4 format.

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

(g) Interface Group 7 (USOC TPP7X)

Interface Group 7 provides DS1C level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 3.152 Mbps, with the capability to channelize up to 48 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 48 voice frequency transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

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

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) Interface Groups (Cont'd)

(h) Interface Group 8 (USOC TPP8X)

Interface Group 8 provides DS2 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 6.312 Mbps, with the capability to channelize up to 96 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment in its office to derive up to 96 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

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

(i) Interface Group 9 (USOC TPP9X)

Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 672 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

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

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) Interface Groups (Cont'd)

(j) Interface Group 10 (USOC TPPAX)

Interface Group 10 provides DS4 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 274.176 Mbps, with the capability to channelize up to 4032 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 4032 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

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

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) Interface Groups (Cont'd)

(k) Available Premises Interface Codes

Following is a matrix showing, for each Interface Group, which premises interface codes are available as a function of the Telephone Company switch supervisory signaling and Feature Group. For explanations of these codes, see the glossary of Channel Interface Codes in 7.3.1 following.

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Switched Access Service 1	2	4	
1	LO	2LS2	X			
	LO	2LS3	X			
	GO	2GS2	X			
	GO	2GS3	X			
	LO, GO	2DX3	X			
	LO, GO	4EA3-E	X			
	LO, GO	4EA3-M	X			
	LO, GO	6EB3-E	X			
	LO, GO	6EB3-M	X			
	RV, EA, EB, EC	2DX3		X	X	(D)
	RV, EA, EB, EC	4EA3-E		X	X	|
	RV, EA, EB, EC	4EA3-M		X	X	|
	RV, EA, EB, EC	6EB3-E		X	X	|
	RV, EA, EB, EC	6EB3-M		X	X	|
	EA, EB, EC	6EC3			X	|
	RV	2RV3-O		X	X	|
	RV	2RV3-T		X	X	(D)
	Out of Band Signaling	2N02			X	

(1) Lineside BSA or FGA.
(2) Trunkside BSA - 950 Option or FGB.

(D)

(4) Trunkside BSA-101XXXX Option or FGD.

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) Interface Groups (Cont'd)

(k) Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Switched Access Service 1	2	4	
2	LO, GO	4SF2	X			
	LO, GO	4SF3	X			
	LO	4LS2	X			
	LO	4LS3	X			
	LO	6LS2	X			
	GO	4GS2	X			
	GO	4GS3	X			
	GO	6GS2	X			
	LO, GO	4DX2	X			
	LO, GO	4DX3	X			
	LO, GO	6EA2-E	X			
	LO, GO	6EA2-M	X			
	LO, GO	8EB2-E	X			
	LO, GO	8EB2-M	X			
	LO, GO	6EX2-B	X			
	RV, EA, EB, EC	4SF2		X	X	(D)
	RV, EA, EB, EC	4SF3		X		
	RV, EA, EB, EC	4DX2		X	X	(D)
	RV, EA, EB, EC	4DX3		X		
	RV, EA, EB, EC	6DX2				(D)
	RV, EA, EB, EC	6EA2-E		X	X	|
	RV, EA, EB, EC	6EA2-M		X	X	|
	RV, EA, EB, EC	8EB2-E		X	X	|
	RV, EA, EB, EC	8EB2-M		X	X	|
	EA, EB, EC	8EC2-M			X	|
	RV	4RV2-O		X	X	|
	RV	4RV2-T		X	X	|
	RV	4RV3-O		X		|
	RV	4RV3-T		X		(D)
	Out of Band Signaling	4N02			X	
3	LO, GO	4AH5-B	X			
	RV, EA, EB, EC	4AH5-B		X	X	(D)
	Out of Band Signaling	4AH5-B			X	
4	LO, GO	4AH6-C	X			
	RV, EA, EB, EC	4AH6-C		X	X	(D)
	Out of Band Signaling	4AH6-C			X	

(1) Lineside BSA or FGA.
(2) Trunkside BSA - 950 Option or FGB.
(D)
(4) Trunkside BSA-101XXXX Option or FGD.

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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) Interface Groups (Cont'd)

(k) Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Switched Access Service 1	2	4	(D)
5	LO, GO	4AH6-D	X			
	RV, EA, EB, EC	4AH6-D		X	X	(D)
	Out of Band Signaling	4AH6-D			X	
6	LO, GO	4DS9-15	X			
	RV, EA, EB, EC	4DS9-15		X	X	(D)
	Out of Band Signaling	4DS9-15			X	
	64CCC	4DS9-15S			X	
		4DS9-1S			X	
7	LO, GO	4DS9-31	X			
	LO, GO	4DS9-31L	X			
	RV, EA, EB, EC	4DS9-31		X	X	(D)
	RV, EA, EB, EC	4DS9-31L		X	X	(D)
	Out of Band Signaling	4DS9-31			X	
8	LO, GO	4DS0-63	X			
	LO, GO	4DS0-63L	X			
	RV, EA, EB, EC	4DS0-63		X	X	(D)
	RV, EA, EB, EC	4DS0-63L		X	X	(D)
	Out of Band Signaling	4DS0-63			X	
9	LO, GO	4DS6-44	X			
	LO, GO	4DS6-44L	X			
	RV, EA, EB, EC	4DS6-44		X	X	(D)
	RV, EA, EB, EC	4DS6-44L		X	X	(D)
	Out of Band Signaling	4DS6-44			X	
	64CCC	4DS6-44			X	
10	LO, GO	4DS6-27	X			
	LO, GO	4DS6-27L	X			
	RV, EA, EB, EC	4DS6-27		X	X	(D)
	RV, EA, EB, EC	4DS6-27L		X	X	(D)
	Out of Band Signaling	4DS6-27			X	

(1) Lineside BSA or FGA.
(2) Trunkside BSA - 950 Option or FGB.
(D)
(4) Trunkside BSA-101XXXX Option or FGD.

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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) Interface Groups (Cont'd)

(1) Out of Band Signaling Connection (USOC TPPSX)

Premises Interface Codes

Common Channel Signaling Access Service is provided with Trunkside BSA-101XXXX Option and Feature Group D equipped with out of band signaling and/or Billing Validation Service. The associated out of band signaling connections are provided using Interface Groups 6 through 10. Following is a matrix for Interface Groups 6 through 10 showing which premises interface codes are available for signaling connections as a function of the out of band signaling level of digital transmission. These codes also apply for Collocated Interconnected arrangements.

Interface Groups	Level of Transmission	Premises Interface Codes
6	DS1	4DS9-15
7	DS1C	4DS9-31
8	DS2	4DS0-63
9	DS3	4DS6-44
10	DS4	4DS6-27

(7) Nonchargeable Optional Features

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

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)

(7) Nonchargeable Optional Features (Cont'd)

(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 follows:

- For Interface Groups 1 and 2

  DX Supervisory Signaling,
  E&M Type I Supervisory Signaling,
  E&M Type II Supervisory Signaling, or
  E&M Type III Supervisory Signaling

- For Interface Group 2

  SF Supervisory Signaling, or
  Tandem Supervisory Signaling

- For Interface Groups 6 through 10

  These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central office. Generally such signaling is available only where the entry switch provides an analog, i.e., non-digital, interface to the transport termination.

  These optional supervisory signaling arrangements are not available in combination with Trunkside BSA-101XXXX Option or FGD with out of band signaling.

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)

(7) Nonchargeable Optional Features (Cont'd)

(b) Customer Specified Entry Switch Receive Level

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 GR-334-CORE, Issue 1. This feature is available with Interface Groups 2 through 10 for Lineside BSA, and Trunkside BSA - 950 Option and Feature Groups A and B. (C)(x)

(c) Customer Specification of Switched Transport Termination

This option allows the customer to specify, for Trunkside BSA - 950 Option or Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Switched Transport at the entry switch in lieu of a Telephone Company selected two-wire termination. This option is available only when the Trunkside BSA - 950 Option or Feature Group B arrangement is provided with Type B Transmission Specifications.

(d) Switched Transport Re-Route Option

Customers may, at no charge and at their option, subject to the following criteria, convert existing tandem routed trunks to end office direct routed trunks.

Conversions from tandem routing to end office direct routing will be performed at no charge if the order is placed by December 31, 1998.

(1) The number of trunks connected cannot exceed the number of trunks disconnected except as provided below, i.e., a one-for-one substitution of end office trunks for tandem trunks. In cases where the customer requests the installation of additional trunks greater than the number disconnected, the customer must provide usage data, and an engineering table capacity evaluation, justifying the requirement for additional trunks.

(x) GR-334-CORE, Issue 1, replaces TR-NPL-000334 in its entirety.

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)

(7) Nonchargeable Optional Features (Cont'd)

(d) Switched Transport Re-Route Option (Cont'd)

(2) The customer's order for the Switched Transport Re-route option will be scheduled on a project basis by the Telephone Company in cooperation with the customer.

(3) Additional trunks installed beyond those specified or provided for in (1) preceding, will be subject to full nonrecurring installation charges.

(4) The technical specifications of the tandem trunk, e.g., interface type, must be retained when the trunk is connected at the end office or tandem, unless otherwise mutually agreed upon by the Telephone Company and the customer when appropriate Telephone Company central office switching equipment and other facilities exist.

(5) This option may not be scheduled at the same time as an upgrade to Trunkside BSA-101XXXX Option or FGD with out of band signaling unless otherwise mutually agreed upon by the Telephone Company and the customer when appropriate Telephone Company central office switching equipment and other facilities exists. If requests for the Switched Transport Re-Route Option are to be combined with a conversion to out of band signaling at the same time, the Telephone Company may treat such requests as two separate projects and charges will be waived subject to the above and as specified in section 6.1.2(A)(7)(e)(5) following. (T)

(6) The same customer facilities must be maintained on the connect order for the end office or tandem routed trunks, unless mutually agreed upon by the Telephone Company and the customer when appropriate Telephone Company central office switching equipment and other facilities exists.

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)

(7) Nonchargeable Optional Features (Cont'd)

(d) Switched Transport Re-Route Option (Cont'd)

(7) In connection with a request for Switched Transport Re-Route Option and subject to availability of Telephone Company central office switching equipment and facilities, Trunkside BSA - 950 Option or FGB trunks may be upgraded to Trunkside BSA-101XXXX Option or FGD trunks provided the customer requests MF signaling on the Trunkside BSA-101XXXX Option or FGD order, and complies with the specifications as set forth in 6.1.2(A)(2)(d) preceding. Conversion from tandem or end office routed Trunkside BSA -950 Option or FGB trunks to end office or tandem routed Trunkside BSA-101XXXX Option or FGD trunks with MF signaling will be scheduled on a project basis by the Telephone Company, in cooperation with the customer.

(8) The orders for the disconnect and connection of trunks shall be placed with the Telephone Company at the same time. The Telephone Company will disconnect the tandem or end office routed trunks at the same time as the connection of the end office or tandem routed trunks, unless otherwise negotiated, but in no case to exceed 90 days after the connection of the end office or tandem routed trunks.

(9) Subject to the conditions above and the availability of Telephone Company central office switching equipment and facilities, the customer may change one-way trunks to two-way trunks provided two-way is specified on the connect order for the end office or tandem routed trunks.

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)

(7) Nonchargeable Optional Features (Cont'd)

(e) Out of Band Signaling

(1) This ordering option allows the customer to exchange signaling for Trunkside BSA- 101XXXX Option and Feature Group D call set-up over a communications path which is separate from the message path. This option is provided with SS7 protocol and is only available with Trunkside BSA-101XXXX Option and Feature Group D. This option requires the establishment of a Common Channel Signaling Access Service between the customer's SPOI and the Telephone Company's STP as specified in 6.4.3(A) following.

(2) Out of band signaling is provided in both the originating and terminating direction on Trunkside BSA-101XXXX Option and FGD service.

Each signaling connection is provisioned for two-way transmission of out of band signaling information.

(3) Customers ordering out of band signaling are subject to the requirements specified in 2.3.9 and 2.3.10(A) preceding. (T)

(4) Out of band signaling is subject to the rates and charges as specified in 6.8.1(C)(2), 6.9.1(E), and 6.9.1(G) 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)

(7) Nonchargeable Optional Features (Cont'd)

(e) Out of Band Signaling (Cont'd)

(5) Conversion from MF signaling to SS7 signaling or from SS7 signaling to 64 Clear Channel Capability (64CCC) is not subject to charges as specified in section 6.8.1(C)(2) following. These conversions will be performed at Telephone Company access tandems and end offices designated as having SS7 or 64CCC. The number of trunks converted to SS7 signaling cannot exceed the number of trunks with MF signaling that are converted, and the number of trunks converted to 64CCC cannot exceed the number of trunks with MF or SS7 signaling that are converted. The customer must retain the same technical interface specifications unless otherwise mutually agreed upon by the Telephone Company and the customer, when appropriate Telephone Company central office switching equipment and other facilities exists. Conversion of tandem or end office trunks from MF signaling to SS7 signaling or from SS7 signaling to 64CCC will be scheduled on a project basis by the Telephone Company, in cooperation with the customer.

(6) At the customer's request, the Telephone Company will modify Trunkside BSA-101XXXX Option and FGD with out of band signaling to accept SS7 signaling messages and protocol contained in Technical Reference GR-905-CORE, Issue 11, pursuant to successful completion of testing specified in section 6.4.3(A), following. (C)(x) (C)(x)

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000962, Issue 1, in its entirety.

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)

(7) Nonchargeable Optional Features (Cont'd)

(e) Out of Band Signaling (Cont'd)

(7) 64 Clear Channel Capability (64CCC) will be provided in connection with Trunkside BSA-101XXXX Option and FGD with out of band signaling digital trunk facilities provisioned at Interface Group 6 or 9, where appropriate Telephone Company equipment and other facilities exist.

(8) 64CCC is provided through the use of Bipolar with Eight-Zeros Substitution line code which must be provided in both directions of transmission. 64CCC will be provisioned on T1 facilities whose digital transmission signaling is framed in the Extended Superframe Format. The same framing format must be used in both directions of transmission. Technical Reference GR-334-CORE, Issue 1, provides the technical specifications for 64CCC. (C)(x)

(9) 64CCC requires the establishment of CCSAS as specified in section 6.4.3(A) following. The CCS/SS7 protocol requirements for 64CCC are specified in Technical Reference GR-905-CORE, Issue 11. (C)(x) When 64CCC is ordered, the Telephone Company will schedule additional network compatibility and other operational tests as specified in section 6.4.3(A) following. (C)(x)

(8) Chargeable Optional Features

(a) Toll Free Data Base Access Service

(1) Toll Free Basic Query Charge

The basic query charge is assessed the customer based on the query of the Toll Free number delivered to the customer. The query is completed when the appropriate call routing information is returned, as described in 6.4.3(C) following. The query charge is assessed for all completed queries whether or not the actual Toll Free call is delivered to the customer.

(x) GR-334-CORE, Issue 1, replaces TR-NWT-000938, Issue 1, in its entirety.
GR-905-CORE, Issue 11, replaces TR-TSV-000962, Issue 1, in its entirety.

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)

(8) Chargeable Optional Features

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

(2) Toll Free Vertical Feature Package Charge

The vertical feature package charge is assessed the customer when, in addition to the basic query, a Toll Free Data Base query contains one, all, or any combination of the vertical features as described in 6.4.3(C) following.

(3) 500 Query Charge

The query charge is assessed the customer based on the query of the 500+NXX number dialed and/or delivered to the customer in conjunction with 500 Access Service. 500+NXX calls delivered to the customer are routed based on information derived via queries to the 500 Data Base. In cases where certain end offices are not equipped with 500 NXX query functionality, certain 0+500 dialed calls are delivered to the customer from a Telephone Company Operator Switch.

(b) Multiplexing

Multiplexing provides the capability of converting the capacity or bandwidth of a facility from a higher level to a lower level or from a lower level to a higher level. Multiplexing arrangements available for Entrance Facilities and Direct Trunked Transport facilities are described in (1) through (3) following. Rates and charges are set forth in Section 6.9 following. (T) (C)

When the customer requests Tandem Switched Transport and Direct Trunked Transport to connect to the same Entrance Facility, multiplexing is required at the SWC and must be ordered by the customer as a chargeable optional feature of the Entrance Facility as set forth in (1) and/or (2) following. (T)

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)

(8) Chargeable Optional Features (Cont'd)

(b) Multiplexing (Cont'd)

Chargeable multiplexing arrangements ordered with an Entrance Facility at a SWC or with a Direct Trunked Transport facility at an end office are associated with the facility with the higher capacity or bandwidth (e.g., a DS1 to Voice Grade multiplexing arrangement is associated with the facility using a DS1 connection). (T) (D)

(1) DS1 to Voice Grade

An arrangement that converts a DS1 channel to twenty-four Voice Grade channels utilizing time division multiplexing. For example, the customer has the option of ordering a DS1 to Voice Grade multiplexing for the Entrance Facility at the SWC when Voice Grade Direct-Trunked Transport is requested to an end office. A DS1 to Voice Grade multiplexing is required at the end office when the customer orders Lineside Access which is transported via a DS1 Direct-Trunked Transport facility.

(2) DS3 to DS1

An arrangement which converts a DS3 channel to twenty-eight DS1 channels utilizing time division multiplexing. The twenty-eight channels may be further multiplexed utilizing DS1 to Voice Grade multiplexers. DS3 to DS1 multiplexing is available as a chargeable optional feature for Entrance Facilities and Direct Trunked Transport facilities. DS3 to DS1 multiplexing is always required at the SWC of the customer's premises when a DS3 Entrance Facility is to connect to a lower level of capacity. (D) | (D)

(Issued under Transmittal No. 1392)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

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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)

(8) Chargeable Optional Features (Cont'd)

(c) Alternate Serving Wire Center (Cont'd)

(1) Alternate Serving Wire Center (ASWC) is an optional feature which provides a transmission path for a High Capacity Service between the customer's designated premises and a serving wire center separate from the normal serving wire center.

(2) The Telephone Company will designate the serving wire center to be used as the alternate. The ASWC feature is available where contiguous wire centers with adjacent fiber feeder routes exist. Where facilities are not available, Special Construction rates and regulations may apply as set forth in the appropriate Special Construction tariff. Where service is available, provisioning is based on a Negotiated Interval as described in 5.2.1(B) preceding.

(3) The rate for Alternate Serving Wire Center, as specified in 6.9.1(E) following, applies per point of termination and is in addition to the entrance facility, IEF Termination, IEF Interface when applicable, and Channel Mileage Rates and Charges for each High Capacity or IEF service provided over the alternate path. Channel mileage for the alternately routed service is based on mileage measured from or to the alternate serving wire center. Section 6 contains rate regulations specific to Shared Network Arrangements.

(d) Special Facilities Routing

A customer may request that the facilities used to provide Switched Transport Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Diversity) are set forth in section 11 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)

(8) Chargeable Optional Features (Cont'd)

(e) Diversity

Diversity denotes that a service must be provided over not more than two different physical routes. The rates for Diversity as specified in 6.9.1(F) following, applies per entrance facility, and is in addition to the entrance facility and channel mileage rates and charges for each high capacity service.

(f) Shared Network Arrangement

(1) A Shared Network Arrangement is a service offering that enables a customer (the "Service User") to connect subtending services to the multiplexed High Capacity service or IntelliMux[sm] service of another customer (the "Host Subscriber"), with the Telephone Company maintaining separate records and billing for each. Each customer will be billed for those rate elements associated with his own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User obtains either subtending Voice Grade or Data Digital circuits from a Host's multiplexed DS1 service, or DS1 circuits from a Host's multiplexed DS3 service.

(2) Under the Shared Network Arrangement, the telephone company may share with the host subscriber record information pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the telephone company as is necessary to perform billing reconciliations and/or other functions required in connection with maintaining account records.

(3) Section 6.8.20 contains rate regulations specific to Shared Network Arrangements

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office

The End Office rate category provides the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching and Information (i.e., Directory Assistance) rate elements. Directory Assistance Service and the applicable rates for it are set forth in Section 9 following.

(1) Local Switching

The Local Switching rate element provides for the use of end office switching equipment, terminations for the end user lines terminating in the local end office, and for the termination of calls at a Telephone Company Intercept operator or recording.

There are two categories, or rate levels, associated with Local Switching. The first category, LS1, provides the functions described preceding for Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B, except when Trunkside BSA-950 Option or FGB is subscribed to by a provider of MTS and WATS. (D)

The second category, LS2, provides the functions described preceding for Trunkside BSA-101XXXX Option and Feature Group D, and for Trunkside BSA-950 Option or FGB when subscribed to by a provider of MTS and WATS, and Trunkside BSA-101XXXX Option and FGD used to carry originating Telecommunication Relay Service traffic. (D) | (D)

LS2 rates apply to dedicated access lines, e.g., WATS Access Line Service, when such lines are terminated in end office switches and are used in conjunction with switched access services, and in conjunction with Trunkside BSA-950 Option or FGB when subscribed to by a provider of MTS and WATS. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

The Local Switching rates for Lineside BSA, Trunkside BSAs and Feature Groups are applied on a per minute of use basis and are offered in two categories, LS1 and LS2.

(a) LS1 provides local dial switching functions for Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B except for Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B used to terminate traffic to a WATS Access Line (WAL) provided from an equal access end office, or when Trunkside BSA-950 Option or FGB is subscribed to by provider of MTS and WATS.

(b) LS2 provides local dial switching functions for Trunkside BSA- 101XXXX Option and Feature Group D and for Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B used to terminate traffic to a WAL provided from an equal access end office, for 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service traffic originating from or terminating to an equal access end office, or in conjunction with Trunkside BSA-950 Option or FGB when subscribed to by a provider of MTS and WATS, and for Trunkside BSA-101XXXX Option and for FGD Service used in conjunction with Telecommunication Relay Service Center traffic. Where end offices are appropriately equipped, international dialing may also be provided as a capability of LS2 local dial switching functions for Trunkside BSA-101XXXX Option and Feature Group D, i.e., the capability of switching international calls with service prefix and address codes having more digits than can be switched through a standard Trunkside BSA-101XXXX Option or Feature Group D end office. (D) (D) (D) (D) (D) (D)

(This page filed under Transmittal No. 1156)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

Rates for LS1 - Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B, Trunkside BSA-101XXXX Option and Feature Group D, are set forth in 6.9.2(A) following. The application of these rates is as set forth in 6.8.1(D) following. (D) (D)

Local Switching Shared End Office Trunk Port

The Local Switching Shared End Office Trunk Port minutes-of-use rate provides for the use of the shared end office trunk ports for termination of common transport trunk, and/or FGA access minutes at an end office.

Local Switching Dedicated End Office Trunk Port

The Local Switching Dedicated End Office Trunk Port monthly rate provides for termination of a dedicated trunk in the end office port. The rate is assessed per activated trunk for all trunkside services, per analog or digital end office.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(c) End Office Switching Equipment

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with LS2. 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 Trunkside BSA-101XXXX Option or FGD equipped end office. (D)

There are two types of switching functions performed in the end office, i.e., Common Switching functions and Transport Termination functions. These are described following:

- Common Switching

Common Switching provides the local end office switching functions associated with the various access (i.e., Feature Group Services, Lineside and Trunkside BSAs) switching arrangements. The Common Switching arrangements provided for the various Switched Access arrangements are described in 6.2 following.

Included as part of the Common Switching are various nonchargeable optional features which the customer can order to meet the customer's specific communications requirements. These optional features are described in 6.4.1 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(c) End Office Switching Equipment (Cont'd)

- Transport Termination

Transport Termination provides for the line or trunk side arrangements which terminate the Switched Transport facilities. Included as part of Transport Termination are various nonchargeable optional termination arrangements. These optional terminating arrangements are described in 6.4.2 following.

The number of transport terminations provided will be determined by the Telephone Company as set forth in 6.6.6 following.

(d) Line Termination

The Line Termination function provides the terminations for the end user lines terminating in the local end office. There are two types of Line Terminations, i.e., Common Line Terminations and WATS Access Line Terminations.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(d) Line Termination (Cont'd)

The WATS Access Line Service, Line Terminations are differentiated by line side vs. trunk side terminations. The standard WATS Access Line Service arrangement is available with a line side termination. There are various types of originating and terminating line side terminations depending on the type of signaling associated with the WATS Access Line (i.e., loop start or ground start). In addition, there are also two types of originating and terminating WATS Access Line trunk side terminations that are available in lieu of standard line side terminations. Trunk side terminations are provided only in association with certain Line Termination optional features as specified following:

- Dialed Number Identification Service (DNIS)

The Dialed Number Identification Service optional feature, which is available with terminating only WATS Access Lines, permits a customer's end user with multiple Toll Free Data Base Access 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 Toll Free Data Base Access 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 Connection. All WATS Access Line Connections in the same service group must be equipped for DNIS. The number of dialable Toll Free Data Base Access Service telephone numbers accessing a service group equipped for DNIS cannot exceed the number of WATS Access

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(d) Line Termination (Cont'd)

- Dialed Number Identification Service (DNIS) (Cont'd)

  Lines in the service group. DNIS is provided with reverse battery type supervisory signaling and requires battery type supervisory signaling and requires the use of trunk side terminations in lieu of standard line side terminations.

  DNIS is a non chargeable optional feature.

- WATS Answer Supervision

  WATS originating only Access Connections may, at the option of the customer be ordered with WATS Answer Supervision. When the terminating end answers, provided the Interexchange Carrier passes Answer Supervision to the Exchange Carrier, Answer Supervision will provide a signal to the originating end user that the distant end has answered. The exact timing of Answer Supervision is dependent upon the Interexchange Carrier. Answer Supervision is available with both two and four wire WATS Access Lines and is arranged for Wink reverse battery supervision on MF signaling. Answer Supervision is subject to the rates in 6.9.2(B)(3) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(e) Intercept

The Intercept function provides for the termination of a call at a Telephone Company Intercept operator or recording. The operator or recording tells a caller why a call, as dialed, could not be completed, and if possible, provides the correct number.

(2) Reserved for Future Use (C)

(D)
|
|
(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(D)

(D)

(3) Information Surcharge

The Information Surcharge is a charge to recover costs that have been assigned to the interstate Information category through Parts 36 and 69 of the Commission's Rules. These costs are other than those incurred in the provision of interstate Directory Assistance Service as set forth in 9. following.

The Information Surcharge is assessed to the customer based on the total number of access minutes. The rates are set forth in 6.9.7 following. The application of these rates with respect to the individual Feature Groups is as set forth in 6.8.1(D) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(4) Toll Free Access Service Nonrecurring Charge

The Toll Free Access Service nonrecurring charge is assessed to the customer based on NXXs activated, or deactivated, in conjunction with Toll Free Access Service. The charge varies depending on how the customer orders NXXs activated or deactivated, i.e., by State or LATA. When ordered by LATA, for both NXXs activated and deactivated, each NXX in the LATA is subject to the charge. Subsequent orders for those NXXs to be activated or deactivated in a different LATA will again be subject to the charge. When ordered by State, for both NXXs activated or deactivated, the charge applies for each NXX only once even if multiple LATAs are involved.

(5) 900 Access Service Nonrecurring Charge

The 1+900 Access Service nonrecurring charge is assessed to the customer based on NXX codes activated, or deactivated, in conjunction with 900 Access Service. The charge varies depending on how the customer orders NXXs activated or deactivated, i.e., by State or LATA. When ordered on a LATA basis, for both NXXs activated and deactivated, each NXX in the LATA is subject to the charge. If subsequent orders activate or deactivate NXX codes previously ordered in a different LATA, the nonrecurring charge still applies to the NXX codes activated or deactivated on the subsequent order.

The 0+900 Access Service nonrecurring charge is assessed to the customer based on end offices activated in conjunction with 900 Access Service.

(6) The Switched 56 Kilobit charge is assessed to the customer based on the total number of Switched 56 Kilobit access minutes. Switched 56 Kilobit access minutes are those access minutes transported via separate Switched 56 Kilobit trunks as specified in 6.2.4(A)(9) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

(D)

(D)

ACCESS SERVICE

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 as 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 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 Switched 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 Switched Transport), balance parameters (equal level echo path loss) may also be tested.

6.1.6 Ordering Options and Conditions

Switched Access Service is ordered under the Access order provisions set forth in 5. 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.).

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements

Switched Access Feature Group Service is provided in different service arrangements; Feature Group A through D. The provision of each arrangement requires Switched Transport facilities and the appropriate End Office functions. In addition, WATS Access Lines Service as described in 7.2.3.1 following may, at the option of the customer, be provided for use with Feature Groups A, B, C and D.

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Switched Access Arrangements. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.5.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered, while 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service are arranged for originating only. 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. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

For Telephone Company provided facilities between an access tandem and a TRS Center, calls will be delivered only in the originating direction. For calls originating from a TRS Center routed through an access tandem, access minutes of use will be reported by the TRS provider until the Telephone Company attains the appropriate measurement capabilities.

6. Switched Access Service (Cont'd)

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

There are various nonchargeable optional and chargeable optional features available with the Switched Access Arrangements. These additional optional features are provided as Switched Transport, Common Switching, Transport Termination or Line Termination Options.

Following are detailed descriptions of each of the available Feature Groups. Each 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.

The Common Switching and Transport Termination optional features, which are described in 6.4 following, are available at all Telephone Company end office switches, unless specifically stated otherwise.

6.2.1 Feature Group A (FGA)#

(A) Description

(1) FGA is provided in connection with Telephone Company electronic and electromechanical end offices. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. FGA is arranged for use by the customer in the provision of its FX/ONAL service or MTS/WATS-type service.

(2) FGA provides a line side termination at the first point of switching. 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.

FGA is no longer available as specified in the footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)
6.2.1 Feature Group A (FGA)# (Cont'd)
(A) Description (Cont'd)

Material previously found on this page can now be found on Original Page 14-93.

(This page filed under Transmittal No. 1402)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.1 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 lineside termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities are available to accommodate such a request. Feature Group A service will only be provided in switch types with technical capabilities to provide terminating call screening and individualized call billing detail for both originating and terminating traffic existing. FGA customers (Service in place prior to January 1, 1986) provided service out of offices not possessing these technical capabilities may retain their existing services and may continue to add or subtract lines.

(4) Entrance facilities are required between the serving wire center and an interexchange carrier's point of presence, or to a Telephone Company provided interstate transport capability, and the customer shall provide the connecting facility assignment (CFA) information, as defined in Section 2.6 preceding, using the industry standard Common Language Facility Identification. The CFA must include channel assignment information necessary to connect the FGA service to the interstate network.

(5) For existing FGA service installed prior to February 24, 1997, connecting facility assignment information is not required. This information must be provided if any changes or rearrangements are requested for the existing services.

Availability limited. Please refer to # footnote on Page 14-93. (T)

(This page filed under Transmittal No. 1402)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.1 Feature Group A (FGA)# (Cont'd)

(A) Description (Cont'd)

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

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

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

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

Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.1 Feature Group A (FGA)# (Cont'd)

(A) Description (Cont'd)

(9) 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 or 555-1212, whichever is available), emergency reporting service (911), exchange telephone repair ((800) 275-2355 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). Charges for FGA terminating calls requiring operator assistance on calls to (800) 275-2355 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 general services tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company local general services tariffs, e.g., 976 Network Services, and, (3) calls from a FGA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing and call detail is available to permit the billing of applicable non-access charges. For calls to Directory Assistance (411 and 555-1212 whichever is available), Switched Access Service usage rates will not apply. Instead, calls to this service are subject to the Directory Assistance Service per call rates as set forth in 9.6(B) following.

Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.1 Feature Group A (FGA)# (Cont'd)

(A) Description (Cont'd)

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

(B) Optional Features

(1) Common Switching Optional Features

(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) Toll Billing Exception
(g) WATS Access Line Service with the following options:
1) Hunt Group Arrangement
*2) Uniform Call Distribution Arrangement
*3) Nonhunting Number for use with Hunt Group or Uniform Call Distribution Arrangements
4) Code Screening
5) Overflow Advance Arrangement

Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.1 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
(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.

Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.1 Feature Group A (FGA)# (Cont'd)

(B) Optional Features (Cont'd)

(3) Switched Transport Optional Features

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

(4) Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local general services tariffs: These are:

(a) Call Forwarding
(b) Call Waiting
(c) Speed Calling
(d) Remote Call Forwarding
(e) IntraLATA extensions
(f) Directory listings

(C) Transmission Specifications

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 FGA to the first point of switching.

Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.1 Feature Group A (FGA)# (Cont'd)

(D) Testing Capabilities

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, additional Cooperative Acceptance Testing and Nonscheduled Testing are available for FGA as set forth in 13.3. 4. following.

6.2.2 Feature Group B (FGB)

(A) Description

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

(2) 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) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 6.4 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.

Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(4) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-XXXX for carriers. These uniform access codes will be the assigned access numbers of all FGB switched access service provided to the customer by the Telephone Company.

(5) FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(5) (Cont'd)

Telephone Company local general services tariffs, e.g., 976 Network Service. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing and call detail is available to permit the billing of applicable non-access charges. Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 or 555-1212 whichever is available), service codes (800) 275-2355 and 911 or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 411 or 555-1212, whichever is available) when FGB Switching is combined with Directory Assistance Switching. The combination of FGB Switched Access Service with DA Service is provided as set forth in 9. following. FGB may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, D, Trunkside BSA - 950 Option, and (D)
Trunkside BSA-101XXXX Option. When a provider of MTS and WATS subscribes to both FGB and FGD at an equal access end office, all such FGB and FGD usage (D)
originating and terminating at those end office will be subject to the premium Carrier Common Line, Switched Transport, Local Switching - LS2, the Residual Interconnection Charge, and Information Surcharge rates set forth in 3.9 and 6.9.

(This page filed under Transmittal No. 1156)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.2 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 FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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

(B) Optional Features

(1) Common Switching Optional Features

(a) Automatic Number Identification (ANI)

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

(c) WATS Access Line Service with the following options:

1) Hunt Group Arrangement
*2) Uniform Call Distribution Arrangement
*3) Non hunting number for use with Hunt Group or Uniform Call Distribution Arrangements
4) Code Screening
5) Overflow Advance Arrangement

(d) Alternate Traffic Routing

* Available only when the WATS Access Line service is provided from a converted or equal access end office.

(This page filed under Transmittal No. 23)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.2 Feature Group B (FGB) (Cont'd)

(B) Optional Features (Cont'd)

(2) Transport Termination Optional Features

(a) Rotary Dial Station Signaling

(3) Switched Transport Optional Features Where Available

(a) Customer Specification of Switched Transport Termination

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

(c) Customer specified Entry Switch Received Level.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.2 Feature Group B (FGB) (Cont'd)

(C) Transmission Specifications

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 FGB to the first point of switching.

(D) Testing Capabilities

FGB 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, 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, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Nonscheduled Testing are available for FGB as set forth in 13.3.4. following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.3 Reserved for Future Use (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

(D)

(D)

(T)
(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

(D)

(D)

6. Switched Access Service (Cont'd)

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

(D)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

(D)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

(D)

(D)

6.2.4 Feature Group D (FGD)

(A) Description

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

Feature Group D with out of band signaling is provided where conditions permit through Telephone Company designated switches.

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

(3) FGD switching is provided with multifrequency address or out of band signaling. When FGD switching is used with the 950 dialing option, FGD is only available from SS7 equipped offices. 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.

(This page filed under Transmittal No. 1433)

6. Switched Access Service (Cont'd)

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

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

(A) Description (Cont'd)

(4) 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 local general service tariffs, e.g., 976 Network Service. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing and call detail is available to permit the billing of applicable non-access charges. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 or 555-1212 whichever is available), service codes (800) 275-2355 and 911, 101XXXX access codes or to a TRS Center. Calls will be completed to Directory Assistance (NPA-555-1212 or 411 or 555-1212, whichever is available) when FGD switching is combined with Directory Assistance switching. The combination of FGD Switched Access Service with DA Service is provided as set forth in 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, D, Trunkside BSA - 950 Option, or Trunkside BSA-101XXXX Option. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

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

(A) Description (Cont'd)

(5) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, or in the case of Switched 56 Kilobit Service, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company. (D)

(6) The access code for FGD switching is a uniform access code of the form 101XXXX. A single access code will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in 4. preceding. As an option, where technically feasible, 950 on FGD may be accessed by dialing an associated uniform 950-XXXX access code. When used with the 950 dialing option, FGD is only available with SS7 signaling equipped offices.

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), except for 00- dialed calls which are routed to the predesignated customer. For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

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

(A) Description (Cont'd)

(6) (Cont'd)

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 6.4.2(B) or (C) following, the calls will be routed to a Telephone Company recording.

Rates and charges applicable to 950 on FGD service are as specified in Section 6.9.2 following.

In addition, customers who order 950 on FGD service from the effective date of this tariff until January 31, 1998 will only pay fifty percent of the appropriate nonrecurring charge.

(7) At the option of the customer, Switched 56 Kilobit Service as specified following is available for use with Trunkside BSA-101XXXX Option and Feature Group D. Switched 56 Kilobits traffic is ordered as set forth in 5.2 preceding and is delivered to the customer via separate Trunkside BSA-101XXXX Option or FGD trunks capable of or FGD trunks capable of supporting 56 Kbps digital transmission.

Switched 56 Kilobit service is an arrangement whereby customers may receive, or send, data at a speed of 56 Kbps from designated switches over dedicated trunks. The number dialed by the customer's end user shall be a seven or ten digit number in the form of NXX-XXXX, 1+NXX-XXXX, 101XXXX+NXX-XXXX, NPA+NXX-XXXX, 1+NPA+NXX-XXXX, or 101XXXX+NPA+NXX-XXXX and when the end office is equipped for International Direct Distance Dialing (IDDD), 011+CC+NN.

All rates and charges normally applicable to Trunkside BSA-101XXXX Option and Feature Group D, i.e., non-recurring, monthly recurring, and usage sensitive apply to Switched 56 Kilobit Service. Additionally, a per Switched 56 Kilobit access minute of use charge specified in 6.1.2 (9) preceding and 6.9.7 following, apply to Switched 56 Kilobit Service.

This option is not available in combination with out of band signaling.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.4 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) International Carrier Option
(e) Code Screening for Use with WATS Access Line Service
(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 Lines
(i) Overflow Advance Arrangement for Use with WATS Access Line Service
(j) Calling Party Number * +
(k) Charge Number *
(l) Carrier Selection Parameter * ++
(m) Access Transport Parameter * ++
(n) Flexible Automatic Number Identification(Flex ANI)
(o) 900 Access Service
(p) Carrier Identification Parameters (CIP) * ++
(q) 950-XXXX Dialing On FGD*

(2) Transport Termination Optional Features

(a) Operator Trunk, Full Feature Arrangement

\+ CPN is not offered in Pennsylvania and/or where it is not technically feasible.
++ Available only at selected Telephone Company switches.
* Available only on originating FGD.

(This page filed under Transmittal No. 23)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

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

(B) Optional Features (Cont'd)

(3) Switched Transport Optional Features

(a) Supervisory signaling (as set forth in 6.1.2(A)(6)(a) preceding).
(b) Customer Specified Entry Switch Receive Level (as set forth in 6.1.2(A)(6)(b) preceding).
(c) Customer Specification of Switched Transport Termination (as set forth in 6.1.2(A)(6)(c) preceding).
(d) Tandem to End Office Re-Route Option (as set forth in 6.1.2(A)(6)(d) preceding).
(e) Out of band signaling (as set forth in 6.1.2(A)(6)(e) preceding).

(4) Line Termination Optional Features

(a) Dialed Number Identification Service
(b) Answer Supervision

(This page filed under Transmittal No. 23)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

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

(C) Transmission Specifications

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

- When routed directly to the end office either Type B or C is provided.

- When routed to an access tandem only Type A is provided.

- Type A is provided on the transmission path from the access tandem to the end office.

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

900 Access Service traffic originating from equal access end offices with six digit translation capability, and for 500 Access Service and Toll Free Data Base Access Service traffic originating from end offices with Data Base query functionality, all normal Feature Group D parameters apply.

500 Access Service, Toll Free Data Base Access Service, and 900 Access Service, traffic originating from all other end offices, Type A Transmission Specifications are provided for the facility between the access tandem and the customer's premises.

Feature Group D trunks equipped for Switched 56 Kilobit Service traffic are subject to the following transmission specification:

- Transmission rate is 56 Kbps full duplex

(D)
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(D)

(This page filed under Transmittal No. 1226)

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6. Switched Access Service (Cont'd)

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

6.2.5 Switched Transport Facilities

Customers requesting Lineside or Trunkside Switched Access service must specify the type of Collocated Interconnection Cross-Connect Service and SPOT Bay Frame and Terminations pursuant to Section 19 following, Entrance Facility, or DS3, DS1, or Voice Grade between the customer's facilities or Collocated Interconnected arrangement and the SWC. (See Note below.)

The customer must also specify if Direct Trunked Transport or Tandem Switched Transport is desired. Tandem Switched Transport is not available for Lineside Switched Access Service. If Direct Trunked Transport is requested, the customer must specify the type of Direct Trunked Transport facility, DS3, DS1, or Voice Grade to be utilized. If Tandem Switched Transport is requested, the Telephone Company shall determine the type of facilities to be utilized from the SWC of the customer's facilities to the end office, via the access tandem, based on the customer's order for service on a busy hour minutes of capacity or on a per trunk basis. (D)

There are several types of facilities, IEF, DS3, DS1, or Voice Grade, available to the customer for Entrance Facilities and Direct Trunked Transport facilities for Lineside or Trunkside Switched Access service. Following is a brief description of each type of facility. Each type, as well as Collocated Interconnection Cross-Connect Service and SPOT Bay Frame and Terminations as specified in Section 19 following, has its own characteristics and is available with multiplexing options as set forth in 6.1.2(A)(7)(b) preceding. (D)

(a) Voice Grade Facility

A Voice Grade facility is an electrical communications path, which provides voice-frequency transmission in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Compatible Interface Groups are described in 6.1.2(A)(6) preceding.

Note: See Section 19 following for further information.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.5 Switched Transport Facilities (Cont'd)

(b) DS1 Facility

DS1 facilities are available for Entrance Facilities and for Direct Trunked Transport facilities. A DS1 facility is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice-frequency transmission paths. Compatible Interface Groups are described in 6.1.2(A)(6) preceding.

(c) DS3 Facility

DS3 facilities are available for Entrance Facilities and Direct Trunked Transport facilities. A DS3 facility is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice-frequency transmission paths. Compatible Interface Groups are described in 6.1.2(A)(6) preceding.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.5 Switched Transport Facilities (Cont'd)

(d) IntelliLight Entrance Facilities (IEF)

IEF facilities are available for Entrance Facilities and Direct Trunk Transport. An IEF facility is capable of providing unlimited quantities of STS1s, STS3s or STS12s. An IEF facility may require both a termination and an interface. IEF facilities are described in more detail in Section 6.8.25 following.

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.2.5 Switched Transport Facilities (Cont'd)

Beginning August 7, 1998, the Telephone Company will no longer offer DS3C with an optical interface in response to new requests. All new requests for DS3 optical interfaces will be provisioned over SONET transmission devices. The new optical option is DS3 SONET Optical Interface (SOI). Those DS3 services provisioned prior to August 7, 1998, with Telephone Company provided Optical Line Terminating Equipment (OLTE) located in the Serving Wire Center, will continue to be provided and maintained. A more detailed description of DS3 SONET Optical Interface is included in Section 7.2.9(A) following.

When the customer has ordered Trunkside BSA-101XXXX Option or Feature Group D with out of band signaling as set forth in 6.1.2(A)(6)(e) preceding, the Telephone Company will provide out of band signaling in accordance with the technical specifications set forth in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and (T)
Supplement, August 1992, and Technical Reference GR-905-CORE, (C)(x)
Issue 11, and as specified in sections 6.1.2 and 6.4.1. (C)(x)

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 and TR-TSV-000962, Issue 1 in their entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs

Switched Access Service is also provided in the form of three unbundled Basic Serving Arrangements (BSAs) - Lineside, Trunkside and Dedicated Network Access Link (DNAL) connections. The provision of Lineside and Trunkside BSAs requires Switched Transport facilities and the appropriate Local Switching functions. The provision of DNAL BSAs requires Channel Mileage facilities and the appropriate Channel Termination functions. In addition, WATS Access Line Service as described in section 7.2.3.1 following may, at the option of the customer, be provided for use with the Lineside BSA and Trunkside BSAs.

There are also various Switched Transport and Local Switching optional features and Basic Service Elements (BSEs) available with a BSA. Unless specifically stated otherwise, these BSEs and features are available at most Telephone Company end office switches. WATS Access Line Service termination optional features and BSEs are available only in the end office designated as WATS serving offices.

There are three specific transmission specifications (i.e., Types A, B, and C) that have been identified for the provision of BSAs. The specifications provided are dependent on the interface group and the routing of the service (i.e., whether the service is routed directly to the end office or via an access tandem). The parameters for the transmission specifications are set forth in section 6.6 following.

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

For Telephone Company provided facilities between an access tandem and a TRS Center, calls will be delivered only in the originating direction. For calls originating from a TRS Center routed through an access tandem, access minutes of use will be reported by the TRS provider until the Telephone Company attains the appropriate measurement capabilities.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

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

6.3.1 Lineside BSA#

(A) General Description

(1) Lineside BSA is provided in connection with the Telephone Company electronic and electromechanical end offices. At the option of the customer, Lineside BSA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. Lineside BSA provides lineside access to Telephone Company end office switches with an associated seven-digit local telephone number for the customer's use in originating communications (1) to an Interexchange Carrier's interstate service, or (2) to the Telephone Company's facilities when used to provide dial tone service from the Telephone Company's end office switch in a state other than the state of the customer's normal serving end office.

Availability limited. Please refer to # footnote on Page 14-105. (T)

ACCESS SERVICE

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

Material previously found on this page can now be found on Original Page 14-105.

(This page filed under Transmittal No. 1403)

6. Switched Access Service (Cont'd)

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

6.3.1 Lineside BSA# (Cont'd)

(A) General Description (Cont'd)

(1) (Cont'd)

Entrance facilities are required between the serving wire center and an interexchange carrier's point of presence, or to a Telephone Company provided interstate transport capability, and the customer shall provide the connecting facility assignment (CFA) information, as defined in Section 2.6 preceding, using the industry standard Common Language Facility Identification. The CFA must include channel assignment information necessary to connect the Lineside BSA to the interstate network.

For existing Lineside BSA that is installed prior to February 24, 1997, connecting facility assignment information is not required. This information must be provided if any changes or rearrangements are requested for the existing services.

(2) Lineside BSA provides for a lineside termination at the first point of switching, which shall be selected by the Telephone Company within the requested LATA, unless the customer requests a different location at which Telephone Company facilities and measurement capabilities are available to accommodate such a request.

(3) The Telephone Company assigns a seven digit telephone number associated with the selected end office to provide access to Lineside BSA in the originating direction. The assigned number will be in the form NXX-XXXX. If the customer requests a specific number that is currently unassigned, the requested number will be assigned to the customer if the Telephone Company can comply with that request with reasonable effort.

(4) Calls from end users to the seven digit telephone numbers associated with Lineside BSA may be subject to Telephone Company Local and/or General Exchange

Availability limited. Please refer to # footnote on Page 14-105. (T)

6. Switched Access Service (Cont'd)

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

6.3.1 Lineside BSA# (Cont'd)

(A) General Description (Cont'd)

(4) (Cont'd)

Service tariff charges (including message unit and toll charges, as applicable). The monthly bills rendered to customers for their Lineside BSA service for which section 3, Carrier Common Line Access Service charges apply will include a credit to reflect message unit charges collected from their end users under the Telephone Company's Local and/or General Exchange Service tariffs. The credit will apply for recorded originating usage, as appropriate, for the Lineside BSA service provided. No credit will apply for any terminating Lineside BSA access minutes. The message unit credit for originating Lineside BSA access minutes is set forth in section 6.8.11.

(5) At the option of the customer, Lineside BSA will be provided:

(a) with either ground start or loop start supervisory signaling and

(b) on a single or multiple line group basis.

(6) When Lineside BSA is used in the originating direction, no address signaling is provided by the Telephone Company. If such signaling is required, it must be provided by the customer's end user using inband tone signaling techniques. 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) When used in the terminating direction, Lineside BSA is arranged with dial tone start-dial signaling. At the option of the customer, terminating Lineside BSA may be arranged for dial pulse or dual tone multifrequency address signaling, subject to the availability of equipment at the first point of switching. When Lineside BSA is provided with a

Availability limited. Please refer to # footnote on Page 14-105. (T)

6. Switched Access Service (Cont'd)

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

6.3.1 Lineside BSA# (Cont'd)

(A) General Description (Cont'd)

(7) (Cont'd)

hunt group or uniform call distribution arrangement BSE, all Lineside BSAs will be arranged for the same type of address signaling.

Lineside BSA 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), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customer's services (by dialing the appropriate digits). Charges for Lineside BSA terminating calls requiring operator assistance or calls to (800) 275-2355 or 911 will only apply where sufficient call details are available.

(8) 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 Network Services, and, (3) calls from a Lineside BSA 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 Lineside BSA calls to Directory Assistance (411 where available and 555-1212), Switched Access Service usage rates will not apply. Instead, Lineside BSA calls to this service are subject to the Directory Assistance and Directory Assistance Service per call rates as set forth in section 9.6(B) following.

(9) When Lineside BSA 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

Availability limited. Please refer to # footnote on Page 14-105. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.1 Lineside BSA# (Cont'd)

(A) General Description (Cont'd)

(9) (Cont'd)

associated with the number dialed has been discontinued.

(10) When a WAL service is provided in conjunction with a Lineside BSA, the customer will be provided with Routing of IntraLATA Calls to the Telephone Company for Use with WATS Access Line Service Option.

(B) Lineside BSA Optional Features and BSEs

(1) Common Switching

(a) Hunting Service Arrangements (BSE)
(b) Uniform Call Distribution Arrangement (BSE)
(c) Non-Hunt Directory Numbers (BSE)
(d) Call Denial (Optional Feature)
(e) Service Code Denial (Optional Feature)
(f) Toll Billing Exception (Optional Feature)
(g) WATS Access Line Service with the following options:
    (1) Hunt Group Arrangement (Optional Feature)
    (2) Uniform Call Distribution Arrangement (Optional Feature)
    (3) Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (Optional Feature)
    (4) Code Screening (Optional Feature)
    (5) Overflow Advance Arrangement (Optional Feature)
(h) Answer Supervision with a Line Side Interface (BSE)
(i) Make Busy Arrangement (BSE)
(j) Three-Way Call Transfer (BSE)
(k) Messaging Services Interface (BSE)
(l) Three-Way Calling (BSE)

(n) Direct Inward Dialing (DID) Service (BSE)
(o) DID Trunk Queuing (BSE)

Availability limited. Please refer to # footnote on Page 14-105. (T)

6. Switched Access Service (Cont'd)

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

6.3.1 Lineside BSA# (Cont'd)

(B) Lineside BSA Optional Features and BSEs (Cont'd)

(2) Transport Termination

(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) Switched Transport

(a) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding).
(b) Customer Specified Entry Switch Receive Level.

(4) Certain other features which may be available in connection with Lineside BSA are provided under the Telephone Company's General Subscriber Service Tariffs. These are:

(a) Call Forwarding
(b) Call Waiting
(c) Speed Calling
(d) Remote Call Forwarding

Availability limited. Please refer to # footnote on Page 14-105. (T)

6. Switched Access Service (Cont'd)

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

6.3.1 Lineside BSA# (Cont'd)

(B) Lineside BSA Optional Features and BSEs (Cont'd)

(4) (Cont'd)

(e) IntraLATA extensions
(f) Directory listings

(C) Transmission Specifications

Lineside BSA is provided with either Type A 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 9. Type DB Data Transmission Parameters are provided with Lineside BSA to the first point of switching.

(D) Testing Capabilities

Lineside BSA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) text and milliwatt (102 type) test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing and Nonscheduled Testing are available for Lineside BSA as set forth in section 13.3.5 following.

6.3.2 Trunkside BSA

Trunkside BSA is provided in switched access packages. These are differentiated by their technical characteristics, e.g., the manner in which an end user accesses them in originating calls. Two options are offered as Trunkside BSA - 950 Option and Trunkside BSA-101XXXX Option. The Trunkside - 950 Option is provided as set forth in 6.4.2.1 following. The Trunkside BSA-101XXXX Option is set forth in 6.4.2.3 following.

Trunkside BSAs provide trunk side access to Telephone Company end office switches, either directly or through a Telephone Company designated Switched Access Service tandem switch. The Telephone Company will establish a trunk group (or groups)

Availability limited. Please refer to # footnote on Page 14-105. (T)

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

between the customer's premises and end office or access tandem switches, based on the technical limitations imposed by the type, directionality and quantity of traffic specified by the customer. Different Switched Access Service arrangements may be combined in a single group at the option of the Telephone Company. (D)

6.3.2.1 Trunkside BSA - 950 Option

(A) General Description

Trunkside BSA - 950 Option, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 950-XXXX access code for non-Toll Free and non-900 Access Service for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's interstate service, Telephone Company central office, or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the Trunkside BSA - 950 Option is connected or, in the alternative, specify the means by which the access communication is transported to another state. (D)

Trunkside BSA - 950 Option may be directly routed only to appropriately equipped electronic end office switches. Trunkside BSA - 950 Option may be provided via Telephone Company designated electronic access tandem switches to other Telephone Company electronic and electro-mechanical end office switches.

Trunkside BSA - 950 Option switch trunk equipment is provided with (a) wink start start-pulsing signaling and (b) answer and disconnect supervisory signaling. Trunkside BSA - 950 Option is provided with multi-frequency address signaling. With exception of Trunkside BSA - 950 Option provided with the automatic number identification (ANI) or rotary dial station signaling Local Switching optional features.

(D)
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA - 950 Option (Cont'd)

(A) General Description (Cont'd)

any other address signaling required by the customer in the originating direction must be provided by the customer's end user using inband tone signaling techniques.

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.

When all Trunkside BSA - 950 Option service is discontinued at an end office and/or in a LATA, an intercept announcement indicating that the service associated with the number dialed has been discontinued will be provided for a limited period of time.

Trunkside BSA - 950 Option switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 Network Service. Additionally, non-access charges will also be billed for calls from a Trunkside BSA - 950 Option 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

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA - 950 Option (Cont'd)

(A) General Description (Cont'd)

will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes (800) 275-2355 and 911, or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when Trunkside BSA -950 Option switching is combined with Directory Assistance Switching. The combination of Trunkside BSA - 950 Option Switched Access Service with Directory Assistance Service is provided as set forth in section 9 following.

Trunkside BSA - 950 Option may not be switched, in the terminating direction, to Switched Access Service Lineside BSA, Trunkside BSAs, or Feature Groups. When a provider of MTS and WATS subscribes to both Trunkside BSA-950 Option and Trunkside BSA-101XXXX Option at an equal access end office, all such Trunkside (D)
BSA-950 Option and Trunkside BSA-101XXXX Option (D)
usage originating and terminating at those end offices will be subject to the premium Carrier Common Line, Switched Transport, Local Switching - LS2, and Information Surcharge (Z)
rates set forth in 3.9 and 6.9. When a WAL Service is provided in conjunction with a Trunkside BSA - 950 Option Switched Access Service, the customer will be provided with the Routing of Intrastate Calls to the Telephone Company for Use with WATS Access Line Services Option.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA - 950 Option (Cont'd)

(B) Trunkside BSA - 950 Option Optional Features and BSEs

(1) Common Switching

(a) Automatic Number Identification (BSE)
(b) Up to 7 Digit Outpulsing of Access Digits to customer (Optional Feature)
(c) WATS Access Line Service with the following options:
(1) Hunt Group Arrangement (Optional Feature)
(2) Uniform Call Distribution Arrangement (Optional Feature)
(3) Non-hunting number for use with Hunt Group or Uniform Call Distribution Arrangements (Optional Feature)
(4) Code Screening (Optional Feature)
(5) Overflow Advance Arrangement (Optional Feature)
(d) Alternate Traffic Routing (BSE)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA - 950 Option (Cont'd)

(B) Trunkside BSA - 950 Option Optional Features and BSEs (Cont'd)

(2) Transport Termination

(a) Rotary Dial Station Signaling

(3) Switched Transport

(a) Customer Specification of Switched Transport Termination
(b) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding)
(c) Customer Specified Entry Switch Receive Level

(C) Transmission Specifications

Trunkside BSA - 950 Option 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 Trunkside BSA - 950 Option to the first point of switching.

(D) Testing Capabilities

Trunkside BSA - 950 Option is provided, in the terminating direction where equipment is available, with seven digit access to balance

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA - 950 Option (Cont'd)

(D) Testing Capabilities (Cont'd)

(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, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Nonscheduled Testing are available as set forth in 13.3.4 following.

6.3.2.2 Reserved for Future Use (C)

(D)
|
|
|

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

(D)

(D)

(This page filed under Transmittal No. 1156)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

(D)

(D)

6.3.2.3 Trunkside BSA-101XXXX Option

(A) General Description

Trunkside BSA-101XXXX Option is available to all customers at Telephone Company designated electronic end office switches, whether routed directly or via Telephone Company designated electronic access tandem switches. Trunkside BSA-101XXXX Option provides trunk side access to end office switches with an associated uniform 101XXXX access code for use in originating and terminating communications.

All Trunkside BSA-101XXXX Options provided to the customer by the Telephone Company will use these uniform access codes.

No access code is required for calls to a customer over a Trunkside BSA-101XXXX Option if the Switched Access Service customer's end user has presubscribed its Telephone Exchange Service to that customer, as set forth in section 4.2 preceding.

When no access code is required, the telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1+NXX-XXXX, NPA+NXX-XXXX, 0 or 1+NPA+NXX-XXXX. When the end office is equipped

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(A) General Description (Cont'd)

for International Direct Distance Dialing (IDDD) the form is 01+CC+NN or 011+CC+NN.

Trunkside BSA-101XXXX Option switch trunk equipment is provided with

(a) wink start start-pulse signaling and
(b) answer and disconnect supervisory signaling
(c) or without signaling when out of band signaling is specified.

Trunkside BSA-101XXXX Option is provided with multifrequency address signaling or out of band signaling. Up to twelve digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signaling will be provided by the Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

Trunkside BSA-101XXXX Option 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 customer Trunkside BSA-101XXXX Option 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 end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 Network Service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(A) General Description (Cont'd)

Additionally, non-access charges will also be billed for calls from a Trunkside BSA-101XXXX Option 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-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes (800) 275-2355 and 911, 101XXXX access codes, or to a TRS Center. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when Trunkside BSA-101XXXX Option switching is combined with Directory Assistance Switching. The combination of Trunkside BSA-101XXXX Option Switched Access Service with Directory Assistance Service is provided as set forth in section 9. following. Trunkside BSA-101XXXX Option may not be switched, in the terminating direction, to Switched Access Service Trunkside BSAs.

The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where Trunkside BSA-101XXXX Option Switching is provided. When required by technical limitations, a separate trunk group will be established for each type of Trunkside BSA-101XXXX Option switching arrangement provided. Different types of Trunkside BSA-101XXXX Option or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

The access code for Trunkside BSA-101XXXX Option switching is a uniform access code of the form 101XXXX. These uniform access codes will be the assigned access numbers of all Trunkside BSA-101XXXX Option access provided to the customer by the Telephone Company. No access code is required for calls which originate from a WATS Access Line (WAL) Service. No access code is

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(A) General Description (Cont'd)

required for calls to a customer over Trunkside BSA-101XXXX Option Switched Access Service if the end user's telephone exchange service, the Pay Telephone Service Provider's Telephone Service, or the customer's Lineside BSA Switched Access Service is arranged for presubscription to that customer, as set forth in 13 following.

Calls originating from a WAL Service by the end user's dialing 0+500+NXX, 1+500+NXX, Toll Free Code+NXX+XXXX, 1+Toll Free Code+NXX-XXXX, 900+NXX-XXXX, 0+900+NXX-XXXX, or 1+900+NXX-XXXX will be routed to the Switched Access Service of the 500, Toll Free, or 900 service provider. Calls originating from a WAL Service by the end user's dialing unassigned NXXs, local operator assistance (0-), service codes (211, (800) 275-2355 and 911), directory assistance (411) and 101XXXX access codes will not be completed.

When the 101XXXX access code is used, Trunkside BSA-101XXXX Option 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.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(A) General Description (Cont'd)

Trunkside BSA-101XXXX Option switching will be arranged to accept calls from telephone exchange service, Public Telephone Service or Lineside BSA locations without the need for dialing 101XXXX uniform access code. Each telephone exchange service line, Public Telephone Service Line or Lineside BSA 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 following.

When a customer has had Trunkside BSA - 950 Option access in an end office and subsequently replaces the Trunkside BSA - 950 Option access with Trunkside BSA-101XXXX Option access, at the customer's request and where facilities permit, the Telephone Company, will, for a period of 90 days, direct calls dialed by the customer's end users using the customer's previous Trunkside BSA - 950 Option access code to the customer's Trunkside BSA-101XXXX Option access service. The customer must be prepared to handle normally dialed Trunkside BSA-101XXXX Option calls dialed with the Trunkside BSA - 950 Option access code which require the customer to receive additional address signaling from the end user. Such calls will be rated as Trunkside BSA-101XXXX Option.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(A) General Description (Cont'd)

At the option of the customer, Switched 56 Kilobit Service as specified following is available for use with Trunkside BSA-101XXXX Option. Switched 56 Kilobits traffic is ordered as set forth in 5.2 preceding and is delivered to the customer via separate Trunkside BSA-101XXXX Option trunks capable of supporting 56 Kbps digital transmission.

Switched 56 Kilobit service is an arrangement whereby customers may receive, or send, data at a speed of 56 Kbps from designated switches over dedicated trunks. The number dialed by the customer's end user shall be a seven or ten digit number in the form of NXX-XXXX, 1+NXX-XXXX, 101XXXX + NXX-XXXX, NPA+NXX-XXXX, 1+NPA+NXX-XXXX, or 101XXXX + NPA+NXX-XXXX, and when the end office is equipped for International Direct Distance Dialing (IDDD), 011+CC+NN.

All rates and charges normally applicable to Trunkside BSA-101XXXX Option i.e., non-recurring, monthly recurring, and usage sensitive apply to Switched 56 Kilobit Service. Additionally, a per Switched 56 Kilobit access minute of use charge specified in Section 6.1.2(B)(6) preceding and Section 6.9.7 following, apply to Switched 56 Kilobit Service. (T) (T)

This option is not available in combination with out of band signaling.

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.3 Provision and Description of Switched Access BSAs (Cont'd)
6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(B) Trunkside BSA-101XXXX Option Optional Features and BSEs

(1) Common Switching

(a) Automatic Number Identification (BSE)
(b) Service Class Routing (Optional Feature)
(c) Alternate Traffic Routing (BSE)
(d) International Carrier Option (Optional Feature)
(e) Code Screening for use with WATS Access Line Service (Optional Feature)
(f) Hunt Group Arrangement for Use with WATS Access Line Service (Optional Feature)
(g) Uniform Call Distribution Arrangement for Use with WATS Access Line Service (Optional Feature)
(h) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service (Optional Feature)
(i) Overflow Advance Arrangement for Use with WATS Access Line Service (Optional Feature)
(j) Calling Party Number (Optional Feature) *
(k) Charge Number (BSE)
(l) Carrier Selection Parameter (Optional Feature)
(m) Flexible Automatic Number Identification (BSE)
(n) 900 Access Service

(2) Transport Termination

(a) Operator Trunk, Full Feature Arrangement

(3) Switched Transport

(a) Supervisory Signaling (as set forth in section 6.1.3(A)(2)(a) preceding)
(b) Out of Band Signaling (as set forth in section 6.1.3(A)(2)(e) preceding)
(c) Common Channel Signaling Access Service
(d) Billing Validation Service
(e) Toll Free Data Base Access Service
(f) 500 Access Service

* Calling Party Number is not offered in Pennsylvania, and where it is not technically feasible.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(B) Trunkside BSA-101XXXX Option Optional Features and BSEs (Cont'd)

(4) Line Termination

(a) Dialed Number Identification Service
(b) Answer Supervision

(C) Transmission Specifications

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

(1) When routed directly to the end office either Type B or C is provided.
(2) When routed to an access tandem or TOPS tandem only Type A is provided.
(3) Type A is provided on the transmission path from the access of TOPS tandem to the end office.

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

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access of TOPS tandem and between the access or TOPS tandem and the end office. Type DA Data Transmission Parameters are provided with Trunkside BSA-101XXXX Option for the transmission path between the customer's premises and the end office when directly routed to the end office.

(D) Testing Capabilities

Trunkside BSA-101XXXX Option 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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(D) Testing Capabilities (Cont'd)

line and open circuit test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Nonscheduled Testing are available as set forth in 13.3.4 following for Trunkside BSA-101XXXX Option.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.3 Dedicated Network Access Link (DNAL) BSA

(A) General Description

(1) The Dedicated Network Access Link (DNAL) BSA provides a connection between the customer designated premises and a Telephone Company switch or central office for the transfer of data from the switch or central office to the customer premises.

(2) The DNAL is primarily used in conjunction with switched access or central office based services requiring a separate link for transmitting signaling or control information. The switched access service determines the requirement for speed, type, and number of DNALs.

(3) The DNAL can be used in association with the Common Switching BSEs as set forth following.

(a) Messaging Services Interface (BSE)

This option is provided as set forth in 6.4.1(AG) following.

(b) Make Busy Arrangements (BSE)

This option is provided as set forth in 6.4.1(AH) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(B) Metallic DNAL

(1) Basic Description

A Metallic DNAL is a unconditioned two-wire channel capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic DNALs are provided between a customer designated premises and a Telephone Company switch or central office. Interoffice metallic DNALs will be limited in length to a total of five route miles per channel.

(2) Technical Specifications packages

		Package MT-		
Parameter	C	1	2	3
DC Resistance				
Between Conductors	X	X	X	
Loop Resistance	X			X
Shunt Capacitance	X			X

The technical specifications are delineated in Technical Reference TR-NPL-000336.

(3) Channel Interfaces

Compatible channel interfaces are set forth in 7.3.5(A) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL

(1) Basic Description

A Voice Grade KNAL is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated as analog two-wire or four-wire. Voice Grade DNALs are provided between a customer designated premises and a Telephone Company switch or central office.

(2) Technical Specifications Packages

The technical specifications for Voice Grade DNALs are delineated in Technical Reference TR-NWT-000335, Issue 3, under the section defining VG-6 capabilities. (C)(x) (C)(x)

(3) Channel Interfaces

The following channel interfaces for Voice Grade DNALs do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade KNALs require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in 6.1.2(A)(1) preceding.

(x) TR-NWT-000335, Issue 3, replaces TR-000335, Issue 2, in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions

(a) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade DNALs. C-Type conditioning controls attenuation distortion and envelope delay distortion.

In addition, a customer may require that either the attenuation distortion or the envelope delay distortion, or both, be improved to more stringent specifications than those provided for C-Type conditioning. In these cases the customer has the option of ordering either Improved Attenuation Distortion or Improved Envelope Delay Distortion, or both, as needed.

(1) C-Type Conditioning

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are:

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) Conditioning (Cont'd)

(1) C-Type Conditioning (Cont'd)

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

Frequency Range (Hz)	Variation (dB)
504-2804	-1.0 to +3.0
304-3804	-2.0 to +6.0

Frequency Range (Hz)	Envelope Delay Distortion Variation (micro-seconds)
1004-2604	≤ 500
604-2604	≤ 1500
504-2804	≤ 3000

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) Conditioning (Cont'd)

(2) Improved Attenuation Distortion

Improved attenuation distortion is provided for additional control of attenuation distortion. The improved attenuation distortion specifications are:

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

Frequency Range (Hz)	Variation (dB)
404-2804	-1.0 to +2.0
304-3004	-1.0 to +3.0
304-3204	-2.0 to +6.0

(3) Improved Envelope Delay Distortion

Improved envelope delay distortion is provided for additional control of envelope delay distortion. The improved envelope delay distortion specifications are:

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) Conditioning (Cont'd)

(3) Improved Attenuation Distortion (Cont'd)

Envelope Delay Distortion	
Frequency Range (Hz)	Variation (micro-seconds)
1004-2604	≤ 100
804-2604	≤ 200
604-2604	≤ 300
504-2804	≤ 600
504-3004	≤ 3000

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions (Cont'd)

(b) Improved Termination and Improved Return Loss

(1) Improved Termination - On Effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each four-wire port): Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Termination parameters are delineated in Technical Reference TR-NWT-000335, Issue 3. (C)(x) (C)(x)

(2) Improved Return Loss - On Effective Two-Wire Transmission at Two-Wire Point of Termination: Provides for more stringent Echo Control Specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The Improved Return Loss parameters are delineated in Technical Reference TR-NWT-000335, Issue 3. (C)(x) (C)(x)

(x) TR-NWT-000335, Issue 3, replaces TR-NPL-000335 in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions (Cont'd)

(c) Data Capability

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability provides for the control of Signal to C-Notched Noise Ratio and intermodulation distortion.

The Signal to C-Notched Noise Ratio and intermodulation distortion parameters for Data Capability are:

(1) Signal to C-Notched Noise Ratio is equal to or greater than 32 dB.

(2) Intermodulation Distortion:

Signal to second order modulation products (R2) is equal to or greater than 38 dB.

Signal to third order modulation products (R3) is equal to or greater than 42 dB.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions (Cont'd)

(d) Effective Four-Wire Transmission with Two-Wire Interface

When a customer requests that an effective Four-Wire channel be terminated with a Two-Wire interface at the customer designated premises, then this optional feature applies. Placement of Telephone Company Equipment (Hybrid) is required at the customer's premises to convert the Four-Wire channel to the Two-Wire POT. When this option is ordered, a Four-Wire channel termination charge applies. Per the voice grade technical references, certain voice grade DNALs are always provisioned as Four-Wire and will be billed as a Four-Wire Channel Termination.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided as either Common Switching or Transport Termination options.

The following is a list of the Telephone Company's Open Network Architecture (ONA) Switched Access Basic Service Elements (BSEs) which provides a mapping from the industry standard feature name to the product name utilized in this tariff. (C)

GENERIC NAME	TELEPHONE COMPANY PRODUCT NAME
Answer Supervision With A Line Side Interface	Answer Supervision With A Line Side Interface
Calling Billing Number Delivery - FG B Protocol - FG D Protocol	Automatic Number Identification
Carrier Selection On Reverse Charge	Toll Free Access Service
Make Busy Key	Make Busy Arrangement
Message Desk (SMDI) Message Waiting Indicator - Activation (audible)	Messaging Services Interface
Alternate Routing	Alternate Traffic Routing
Called Directory Number Delivery via DID	Direct Inward Dialing Service
DID Trunk Queuing	DID Trunk Queuing

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

GENERIC NAME	TELEPHONE COMPANY PRODUCT NAME
Multiline Hunt Group	Hunting Service Arrangement
Multiline Hunt Group	Hunting Service Arrangement Circular
Multiline Hunt Group	Hunting Service Arrangement Preferred
Multiline Hunt Group - Individual Access To Each Port In Hunt Group	Non-Hunt Directory Numbers
Multiline Hunt Group - Uniform Call Distribution Line Hunting	Uniform Call Distribution
Multiline Hunt Group - Uniform Call Distribution With Queuing	
Three-Way Call Transfer	Three-Way Call Transfer
Three-Way Calling	Three-Way Calling
Flexible ANI Information Digits	Flexible Automatic Number Identification

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available

(A) Call Denial on Line or Hunt Group (Optional Feature)

This screening option limits terminating Lineside BSA and Feature Group A calls to completion within the LATA where the Lineside BSA and Feature Group A line resides. InterLATA and international calls are blocked as well as calls which may potentially terminate outside the LATA. Examples of such calls are:

- Operator-handled calls (0-, 00-);
- Calls to 950 NXX codes;
- Calls to the 900 NPA;
- Calls prefixed with 101XXXX

This list does not necessarily include all the types of calls which may be blocked in a given jurisdiction.

Terminating Lineside BSA and Feature Group A calls to the Toll Free NPA are not blocked under this option.

When this option is chosen in jurisdictions where intraLATA competition is permitted, the Telephone Company completes all terminating intraLATA calls since the 101XXXX prefix is blocked.

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 Lineside BSA and Feature Group A.

ACCESS SERVICE

66. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(B) Hunt Group Arrangement (Optional Feature)

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Feature Group A. MTS/WATS-type FX/ONAL FGA services cannot be mixed in the same hunt group arrangement. Additionally, multiple customers providing service to the same end user may not be combined in a single hunt group unless the Switched Transport mileage band for each customer is the same, i.e., the distance between the customer's serving wire center and the dial tone office to which service is ordered.

(C) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating Lineside BSA and FGA calls to disallow completion of calls to 0-, 555 and N11 (e.g., 411, (800) 275-2355 and 911). This feature is provided where available in all Telephone Company electronic end offices and electromechanical end offices. It is available with Lineside BSA and FGA.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(D) Uniform Call Distribution (Optional Feature and BSE)

When an incoming call to the Directory Number (DN) of the multiline hunt group (MLHG) is received, hunting should begin at the start-hunt terminal and proceed as a circular hunt.

When an idle terminal is found, the call should be completed, and immediately (even before another call attempts to terminate) a new circular hunt should begin for an idle terminal. This hunt should begin at the terminal number after the one that the call was just completed. When an idle terminal is found, the hunt should stop and the idle terminal number should be stored as the start-hunt terminal for the next incoming call to the DN of the MLHG. If no idle terminal is found after a complete circular hunt is made, the stored-hunt DN should be the DN of the last completed call.

If an incoming call is not to the DN of the MLHG but to a DN associated with one of the terminals of the MLHG instead, the start-hunt terminal as defined above for Uniform Call Distribution (UCD) should not be used. Instead, the incoming call should be directed to the terminal associated with the called DN directly. If the called DN terminal is busy, a circular hunt should begin at the called DN terminal and continue until an idle terminal is found. If none is found, the incoming call should be given busy treatment. In either case, the next incoming call to the MLHG DN uses a start-hunt number as determined above, which is unaffected by the call to a terminal's direct DN.

Calls made to a UCD MLHG equipped with the queuing feature will complete immediately if there is an idle terminal in the UCD hunt group. However, if all terminals in the UCD hunt group are busy, the call is placed on queue and waits its turn to be served.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(D) Uniform Call Distribution (Optional Feature and BSE) (Cont'd)

The call that has been on queue the longest will be the first call served when a line becomes available. The customer determines the maximum number of calls that can be placed on queue. If the incoming call cannot be placed on queue, the calling party receives busy tone. It is available with Lineside BSA and Feature Group A.

(E) Non-Hunt Directory Numbers (Optional Feature and BSE)

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 Lineside BSA and Feature Group A.

(F) Automatic Number Identification (ANI) (Optional Feature and BSE)

This option provides the automatic transmission of a seven or ten digit number and information digits to the customer's premises for calls originating in the LATA, to identify the calling station. This option includes provision of originating line screening information for the line from which the call originates. The ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission paths in a trunk group routed directly between an end office and a customer's premises or, where technically feasible, with (2) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a customer's premises.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs where available (Cont'd)

(F) Automatic Number Identification (ANI) (Optional Feature and BSE) (Cont'd)

The seven digit ANI telephone number is available with Trunkside BSA - 950 Option and Feature Group B. With these Feature Groups, technical limitations may exist in Telephone Company switching facilities which requires ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from coin stations and coinless pay telephones using Trunkside BSA - 950 Option and Feature Group B, or when an ANI failure has occurred. (D)

The ten digit ANI telephone number is only available with Trunkside BSA-101XXXX Option and Feature Group D. When out of band signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature, as specified in 6.4.1(Y) 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 when an ANI failure has occurred, in which case only the NPA will be transmitted (in addition to the information digit described following). (D) (T)

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(F) Automatic Number Identification (ANI) (Optional Feature and BSE) (Cont'd)

Where ANI cannot be provided, information digits will be provided to the customer. (D)

The information digits identify: (1) telephone number is the station billing number - no special treatment required, (2) 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, (3) hotel/motel originated call which requires room number identification, (4) coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer, and (5) call is an Automatic Identified Outwarded 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 Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups B and D. (D) (T) (T) (T)

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

The ANI feature can be used for billing and collection, routing, screening, and completion of the originating telephone subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction;

ANI shall not be reused or sold without first (A) notifying the originating telephone subscriber and (B) obtaining the affirmative consent of such subscriber for such reuse or sale; and

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(F) Automatic Number Identification (ANI) (Optional Feature and BSE) (Cont'd)

ANI or any information derived from ANI shall not be disclosed except as permitted by (1) and (2) above for any purpose other than (i) performing the services or transactions that are the subject of the originating telephone subscriber's call, (ii) ensuring network performance security, and the effectiveness of call delivery, (iii) compiling, using, and disclosing aggregate information, and (iv) complying with applicable law or legal process.

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

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-XXXX) to the customer's 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's premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. It is available with Trunkside BSA - 950 Option and Feature Group B.

(H) Reserved for Future Use (C)

(D)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(I) Reserved for Future Use

(J) Reserved for Future Use

(K) Reserved for Future Use

(L) Service Class Routing (Optional Feature)

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 or hotel/motel), service prefix indicator (e.g., 0-, 00-, 0+, 01+ or 011+) or service access code (e.g., Toll Free or 900). It is provided in suitably equipped end office or access tandem switches and is available with Trunkside BSA-101XXXX Option and Feature Group D. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Nonchargeable Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSE Where Available (Cont'd)

(M) Alternate Traffic Routing (Optional Feature and BSE)

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. This option is provided in suitably equipped end office or access tandem switches and is available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option (D)
and Feature Groups B or D. This option may not be used (D)
in conjunction with the Tandem Access Sectorization Feature specified in Section 6.8.19.

(N) Reserved for Future Use (N)

(O) Reserved for Future Use (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Chargeable Common Switching Optional Features and BSEs Where Available (Cont'd)

(P) International Carrier Option (Optional Feature)

This option allows for Trunkside BSA-101XXXX Option and 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 Trunkside BSA-101XXXX Option and Feature Group D.

(Q) Reserved for Future Use (C)

(D)
|
|
|
(D)

(R) Overflow Advance Arrangement for Use with WATS Access Line Service (Optional Feature)

This option, which is provided in association with two or more WATS Access Line Service Groups, provides for the automatic overflow of calls to a WATS Access Line Service Group, when that group has exceeded its call capacity or to another WATS Access Line Service Group with a numeric designation equal to or greater than that of the overflowing WATS Access Line Service Groups. This arrangement does not provide for call overflow from a group with a higher numeric designation to one with a lower one.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(S) Code Screening for Use with WATS Access Line Service (Optional Feature)

This option provides the ability to verify that the originating party is dialing a geographically predesignated (bound) area, or an unbound area, called party address. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices in which WATS Access Line Services are provided. It is available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, and Feature Groups A, B, and D. (D) (D)

The screening portion of this option which allows for the screening of intraLATA calls is required when intraLATA competition is prohibited by the state jurisdiction in which service is provided. Such screening may be used by the Telephone Company to block intraLATA calls.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(T) Hunt Group Arrangement for Use with WATS Access Lines Service (Optional Feature)

This option provides the ability to sequentially access one of two or more WATS Access Line Service (e.g., Toll Free Service access lines) in the terminating direction, when the hunting number of the WATS Access Line Service 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 Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and (D)
Feature Groups A, B, and D. (D)

(U) Uniform Call Distribution Arrangement for Use with WATS Access Line Service (Optional Feature)

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available WATS Access Line Service in the hunt group. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS or Access Line Service is provided. For WATS Access Lines it is available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA- (D)
101XXXX Option and Feature Groups A, B, and D. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(V) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service (Optional Feature)

This option provides an arrangement for an individual WATS Access Line Service within a multiline hunt or uniform call distribution group that provides access to that WATS or Access Line Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the non hunting number is dialed. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Line Service is provided. It is available with Lineside BSA, Trunkside BSA, - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups A, B, and D. (D) (D)

(W) Toll Billing Exception (Optional Feature)

This option provides an arrangement for the screening and blocking of calls where technically feasible, placed through Operator Services System equipment, which terminate on Lineside BSA or Feature Group A on a collect basis, and prevents calls from being billed to a Feature Group A number on a third party basis. It will not block calls made from non-operator services handling, Independent Telephone Company calls that are not operator services handled, or cord board assisted calls. The option is available on Lineside BSA and Feature Group A only.

(X) Calling Party Number (CPN) (Optional Feature)

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 specific protocol for CPN is contained in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and in Technical Reference GR-905-CORE, Issue 11. This feature is available only with originating Trunkside BSA-101XXXX Option and Feature Group D when out of band signaling is specified.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(X) Calling Party Number (CPN) (Optional Feature) (Cont'd)

The Telephone Company will transmit a "privacy indicator" as part of the CPN information in those jurisdictions where end users may elect that their CPN information not be passed to the called party, and where an end user has taken the actions necessary to ensure that their CPN is so blocked.

(Y) Charge Number (CN) (Optional Feature and BSE)

This option provides for the automatic transmission of the ten-digit billing number of the calling station number and originating line information. The specific protocol for CN is contained in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and Technical Reference GR-905-CORE, Issue 11. This feature is available only with originating Trunkside BSA-101XXXX Option and Feature Group D when out of band signaling is specified. (C)(x)

The Charge Number feature can be used for billing and collection, routing, screening, and completion of the originating telephone subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction;

Charge Numbers shall not be reused or sold without first (A) notifying the originating telephone subscriber and (B) obtaining the affirmative consent of such subscriber for such reuse or sale; and

Charge Numbers or any information derived from ANI shall not be disclosed except as permitted by (1) and (2) above for any purpose other than (i) performing the services or transactions that are the subject of the originating telephone subscriber's call, (ii) ensuring network performance security, and the effectiveness of call delivery, (iii) compiling, using, and disclosing aggregate information, and (iv) complying with applicable law or legal process.

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(Z) Carrier Selection Parameter (CSP)* (Optional Feature)

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 contained in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and Technical Reference GR-905-CORE, Issue 11. This feature is available only with originating Trunkside BSA-101XXXX Option and Feature Group D when out of band signaling is specified. (T) (C)(x)

(AA) Access Transport Parameter (ATP) (Optional Feature)

This option provides for the transmission of CPE compatibility information from the originating switch to the customer's premises and, on terminating access, from the customer's premises to the terminating switch. All of the information is supplied by the calling party. This feature is available only with originating Trunkside BSA-101XXXX Option and Feature Group D when out of band signaling is specified. The specific protocol for ATP is contained in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Supplement, and Technical Reference GR-905-CORE, Issue 11. (C)(x)

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 and TR-TSV-000962 in their entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AB) Answer Supervision With a Line Side Interface (BSE)

This option provides an answer supervisory signal to the customer premises for terminating calls to indicate the called location has returned an answer supervisory signal to the Telephone Company end office where the customer's Lineside BSA open end (dial tone end office) is located. This option is only available from appropriately equipped Telephone Company electronic end office switches. It is available with Lineside BSA only.

(AC) Hunting Service Arrangements (BSE)

This feature offers the ability to sequentially access terminals in a hunt group, beginning with the start-hunt terminal until an idle terminal is found or the last terminal number is reached, when the access number of the line group is dialed. If all terminals are busy, a busy tone will be returned to the calling party. It is available with Lineside BSA.

(AD) Hunting Service Arrangements: Preferred (BSE)

This option allows a separate hunting list to be associated with each terminal in a hunt group. When a call is made directly to a busy terminal with a MLHG equipped with preferential hunting, a linear hunt is performed over the special ordered list of preferential hunt terminals. The call will terminate at the first idle terminal in the preferential hunt list. If all of terminals in the preferential hunt are busy, then a secondary hunt should be conducted over all of the terminals. The secondary hunt will be in the regular hunt sequence, not the preferential list. This feature is not available with the Uniform Call Distribution and Non-Hunt Numbers features. This feature is available with Lineside BSA.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AE) Hunting Service Arrangements: Circular (BSE)

This feature offers the ability to sequentially access terminals in a hunt group, with the hunt sequence starting over again at the start-hunt terminal if all terminals are busy. If all terminals are busy in the second pass, a busy tone will be returned to the calling party. This feature is available with Lineside BSA.

(AF) Three-Way Call Transfer (BSE)

This option gives the customer the capability of including another end user on an already established call. After establishing the call, the customer may drop his connection without disconnecting the two end users. While the two end users are connected, usage continues to be recorded and will be charged to the customer. This option is available from appropriately equipped electronic offices. In some switches the customer and originating end user must be served out of the same central office in order for the customer to drop off of the line and keep the two end users connected. This feature is available with Lineside BSA.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AG) Messaging Services Interface (BSE)

Messaging Services Interface provides messaging capability on an intraswitch basis. This option provides for the call status information of a call terminating on Lineside BSA hunting arrangement. This option provides the calling number, called number, the identification of the called multiline hunt group assigned to the customer's end user, and the call reason. In addition, the option provides the ability to activate or deactivate Message Waiting Indication. Message Waiting Indication may be activated as long as the service where Message Waiting indication 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 Message Waiting Indication 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 Message Waiting Indication. This option is only available from appropriately equipped Telephone Company electronic end office switches. The customer subscribing solely to MSI service shall obtain a Voice Grade Dedicated Network Link as set forth in Section 6.3.3 preceding to each and every Telephone Company central office switch where the capability is desired. The capabilities are available with Lineside BSA with multiline hunt group arrangement.

Premier Messaging Services Interface (PMSI)

Premier Messaging Services Interface (PMSI) is an optional enhancement to Messaging Services Interface (BSE). PMSI is similar to Messaging Services Interface (BSE), except that it utilizes the Signalling System 7 (SS7) Network to pass calling and called number information between central offices. With PMSI capability, the customer is not required to obtain a Voice Grade Dedicated Network Link to each Telephone Company central office switch where messaging capability is desired. With PMSI, the customer can provide messaging capability to all end users in a LATA area provided those end users reside in central offices that are interconnected via SS7 and are equipped with the required software. PMSI requires MSI service between the customer's equipment and at least one central office.

(This page filed under Transmittal No. 23)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AG) (Cont'd)

Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service

(1) Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service permits the customer to provide Signaling System 7 (SS7) Message Waiting Indicator (MWI) Transaction Capabilities Application Part (TCAP) messages to the Telephone Company for delivery to Telephone Company switches that serve suitably equipped lines of those end users who subscribe to the customer's voice messaging service. MWI TCAP messages are originated by the customer's equipment, i.e., Voicemail Platform, and addressed and delivered to a designated Telephone Company Signaling Transfer Point (STP) pair in the LATA in which the customer's subscribing end user receives service. (C) (C)

(2) The Telephone Company uses its SS7 capabilities to determine the switch serving the end user, and to deliver the MWI TCAP message to that switch. The message causes the switch to set or reset MWI on the end user's line. These messages allow the customer to notify its end user that voice messages are awaiting retrieval, or to clear the message waiting notification once the end user has acknowledged those messages.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AG) (Cont'd)

Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service (N)

(3) SS7MWI Signaling Service is offered only to provide signaling to Telephone Company switches within the LATA in which the signaling was handed off to the Telephone Company, and will be available only in LATAs where the Telephone Company has STPs available to accept SS7 messages associated with the service. A list of LATAs where the Telephone Company has STPs follows in this section. The customer must hand-off only those messages that are intended for end users served by capable Telephone Company switches in that LATA.

(4) SS7MWI Signaling Service is not available in LATAs where the Telephone company does not have STPs. In those LATAs, services utilizing a Messaging Service Interface (MSI) or Premier Messaging Service Interface (PMSI) can be used to communicate message waiting status to end users' lines. In the event that STPs are deployed in any of those LATAs subsequent to issuance of this tariff, the Telephone Company will offer the service in those LATAs. In the event that the Telephone Company removes STPs from one or more LATAs, it can no longer offer the service in that LATA. In such event, the Telephone Company will provide at least 90 days prior notice of the pending removal of the STPs. Following such removal, the customer will have the option of purchasing Messaging Service Interface (MSI) or Premier Messaging Service Interface (PMSI) service as set forth in this section preceding, 6.4.1(AG). (N)

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AG) (Cont'd)

Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service (Cont'd)

(5) Additionally, SS7MWI Signaling Service can only be used to update MWI for end users served from suitably equipped switching equipment in designated LATA STP's which are capable of responding appropriately to MWI TCAP messages.

(6) The customer is responsible for obtaining SS7 interconnection directly from Verizon under the provisions of Section 6.4.3 of this tariff. The customer of record for the SS7 interconnection shall also be the customer of record for SS7MWI Signaling Service. In the event that the customer chooses to use another SS7 provider to interconnect with Verizon, the customer shall be unable to receive the SS7MWI Signaling Service, and will have to make separate arrangements with the SS7 provider.

(7) SS7MWI Signaling Service shall be ordered separately for each STP pair in each LATA requiring the service. Each such order will be considered a messaging arrangement. Each ASR submitted will contain no more than two (a Primary and a Secondary) Voicemail Platforms per messaging arrangement. If a customer seeks to connect more than two Voicemail Platforms to a given Telephone Company STP pair, an additional ASR will be required for each additional pair of Voicemail Platforms per STP pair in a LATA. (N)

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AG) (Cont'd)

Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service (Cont'd)

(8) A monthly recurring charge as set forth in Section 6.9.12 following applies per messaging arrangement to allow for the transmission of SS7MWI Signaling Service with the exception of LATAs 224, 228, and 236. Because of the volume of traffic in LATAs 224, 228, and 236, the Company has deployed two STP pairs in each of those LATAs and two messaging arrangements are required to achieve full LATA-wide coverage for each pair of Voicemail Platforms connected to SS7MWI. In those three LATAs only, the monthly recurring charge applies for each pair of messaging arrangements.

(9) LATAs Served:

LATA	**LATA NAME**	
222	DELAWARE VALLEY NJ	
224	NORTH JERSEY NJ	
226	CAPITAL PENNSYLVANIA	
228	PHILADELPHIA PA	(D)
232	NORTHEAST PA	
234	PITTSBURGH PA	
236	WASHINGTON DC	
238	BALTIMORE MARYLAND	(D)
244	ROANOKE VIRGINIA	
248	RICHMOND VIRGINIA	(D)
252	NORFOLK VIRGINIA	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AH) Make Busy Arrangements (BSE)

This option allows a customer to busy out a group of lines and to reroute incoming traffic from one group of lines to another group of associated lines, if the customer has more than one group of lines. This option requires a compatible Special Access Voice Grade facility as specified in Section 7.2.3 following. This option is available with Lineside BSA.

This option provides the capability to place one or more lines of a Lineside BSA with multiline hunt group arrangement in a busy or overflow condition. Once the capability is activated, subsequent calls to the lines placed in the busy or overflow condition may be directed to a central office tone, central office announcement or when a remote call forwarding feature is ordered, to an alternate service. The capability is activated by a customer provided key at the customer's premises. The activation signal is transmitted to the Telephone Company central office with the use of a Metallic or Voice Grade Dedicated Network Access Link as set forth in section 6.3.3 preceding. The option is available with Lineside BSA.

(AI) Three-Way Calling (BSE)

This option permits a customer who has established a call using a Lineside BSA to establish a call to a third party. The customer may talk privately with the third party or may add the third party to the call to establish a three way conference call. The customer may also disconnect the third party to reestablish the original two party connection. Once the three-way conference call has been established, if the customer disconnects, the call will be terminated. The option is available with Lineside BSA.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AJ) 950 on FGD Optional Feature

Feature Group D (FGD) Access Service, as set forth in 6.2.4 preceding, may be ordered to route calls from a designated 950-XXXX access code to FGD access service. When a customer has FGD access service and does not have Feature Group B access service from a particular end office, 950 on FGD may be ordered to activate a customer's designated 950-XXXX access code in that end office. This will allow the Company to direct those designated 950-XXXX calls dialed by the customer's end users to the customer's FGD access service.

When a customer has both FGB and FGD access service and orders 950 on FGD in a particular end office, the Telephone Company will direct those designated 950-XXXX calls dialed by the customer's end users to the customer's FGD access service at that end office.

In both methods, the customer must be prepared to handle normally dialed FGD calls, as well as calls dialed with the designated 950-XXXX access code which requires the customer to receive additional address signaling. Such calls will be rated as FGD.

950 on FGD will be provided from Telephone Company end offices and tandems, where technically feasible. 950 on FGD is only available to customers utilizing a four digit CIC. The customer must specify the end office where 950 on FGD is to be activated to allow calls from a designated 950-XXXX access code to be routed over FGD access service. The customer is precluded from having originating 950 on FGD and originating FGB in the same end office utilizing the same 950-XXXX CIC.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AK) Flexible Automatic Number Identification (BSE)/Optional Feature

Flexible ANI is a network enhancement to the Local Switching Optional Feature offering of Automatic Numbering Identification (ANI). The enhancement is a software based activation that will provide new and future information indicator (ii) digits activated through switched software program updates.

Flexible Automatic Number Identification enhances the existing Automatic Number Identification (ANI) BSE and Charge Number BSE by allowing Trunkside BSA-101XXXX Option and Feature Group D customers to receive additional information indicator (ii) digits. Flexible Automatic Number Identification will provide additional values for these ii digits over and above the values currently available with the ANI and Charge Number Optional Feature BSEs, and will be used to identify additional call types, i.e., call from WATS lines and private virtual networks. Originating line screening information for the line from which the call originates is also available with this feature.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AK) Flexible Automatic Number Identification (BSE)/Optional Feature (Cont'd)

Customers who have the ANI or Charge Number Optional Feature BSEs, but do not order Flexible Automatic Number Identification, will continue to receive the standard ii digits or originating line information. Flexible Automatic Number Identification ii digits will be assigned by the North American Numbering Plan Administrator.

This service is only available with Feature Group D Trunkside BSA-101XXXX Option served by suitably equipped Telephone Company central offices and will be subject to a charge as specified in section 6.9.2(A)(1) following.

Customers subscribing to the Flexible ANI Optional Feature or BSE will receive all currently available Automatic Number Identification digits within the Telephone Company Central Office. As the technology becomes available, central offices will be upgraded to provide additional digits for all users.

The incremental cost to implement Flexible ANI payphone coding digits will be charged to all Payphone Service Providers on a monthly basis, per line, as set forth in 6.9.2(A)(1) following, to be recovered over 24 months commencing November 1, 1998 and ending October 31, 2000.

A nonrecurring charge will apply as set forth in section 6.9.2(A) following, except when this option is used to identify calls originating from payphone access service lines for per-call compensation.

(AL) Direct Inward Dialing (DID) Service (BSE)

This option permits the central office switch to deliver all or part of the called telephone number to the customer premises at the time the call is established. When number translations have occurred, e.g., Toll Free calls, the number delivered is not the called number, but is the translated number. This option is only available in the originating direction at Telephone Company designated end office switches. This option is arranged for originating calling only and is only available on one-way originating trunks.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AL) Direct Inward Dialing (DID) Service (BSE) (Cont'd)

This option provides a trunk side termination with line treatment at the first point of switching. This option can be provided with Dial Pulse (DP) address signaling. Dual Tone Multifrequency (DTMF) address signaling is available at the option of the customer when the arrangement is provided at suitably equipped end office switches.

The DP or DTMF address signaling delivers the called telephone number only and no other address signaling is provided by the Telephone Company. Additional address signaling, 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.

A seven digit local telephone number assigned by the Telephone Company is provided for access to this option in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is in the form of NXX-XXXX. A maximum of forty telephone numbers will be provisioned per trunk. Subsequent requests for numbers, up to the maximum of 40 telephone numbers per trunk, added after the establishment of DID Service will be subject to the charge as specified in section 6.8.1(C)(2) following, per request.

The customer has no property right to the telephone number or any other call number designation associated with DID Service furnished by the Telephone Company, and no right to the continuance of service through any particular central office. The Telephone Company reserves the right to change such numbers, or the central office designation associated with such numbers, or both, assigned to the customer, whenever the Telephone Company deems it necessary to do so in the conduct of its business.

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AL) Direct Inward Dialing (DID) Service (BSE) (Cont'd)

The number of digits forwarded by the central office switch is determined at the time the service is ordered. Up to seven-digit outpulsing of the called telephone number is provided to the customer's premises.

(D)
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(D)

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

(AM) DID Trunk Queuing (BSE)

This option provides queuing for Direct Inward Dialing Service. This feature permits calls to be completed immediately if the Direct Inward Dialing Service has an idle terminal, but when all terminals associated with the Direct Inward Dialing Service are busy, to place the call in a queue to wait its turn to be served. While the call is in the queue, an audible ringing tone is provided. This option is only available from 1AESS Telephone Company end office switches. It is only available with Lineside BSA with the Direct Inward Dialing Service BSE.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AN) 900 Access Service (Optional Feature)

Originating 900 Access Service is a trunk side switched service that is available to the customer, at their option, via 900 Access Service trunks or trunk groups or in conjunction with Trunkside BSA-101XXXX Option or Feature Group D. 900 Access Service traffic provided in conjunction with Trunkside BSA-101XXXX Option or FGD, is delivered on the same trunk group as non-900 Access Service traffic. (D) (D)

When a 900+NXX+XXXX call is originated by an end user, the Telephone Company will perform six digit screening of the dialed 900 NXX digits to identify the designated 900 customer. The call is routed based on the six digit screening function. If the call originates from an end office not equipped to perform the six digit screening function, the call will be routed to a switch with such capability.

The manner in which 900 Access Service is provided depends on whether the end office from which the call originates has the six digit screening capability. Additionally, provision of 900 Access Service is subject to the criteria specified in 6.6.2 following. In equal access end offices with six digit screening capability, served either on a direct or tandem basis, 900 Access Service will be provided via Trunkside BSA-101XXXX Option or Feature Group D trunks and will utilize exchange access signaling. (D)

In equal access end offices lacking the six digit screening capability, the call will be delivered utilizing conventional signaling, via an access tandem, to the customer over 900 Access Service or Trunkside BSA-101XXXX Option or Feature Group D trunks, at the customer's option. Provided the customer has the option of receiving both

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AN) 900 Access Service (Optional Feature) (Cont'd)

conventional and exchange access signaling over Trunkside BSA-101XXXX Option and Feature Group D trunks. 900 Access Service can be provided from equal access end offices via a Feature Group D trunk group from an access tandem to the customer's premises if the customer can accept, on that trunk group, both exchange access and conventional signaling. (D) | (D)

Premium Trunkside BSA-101XXXX Option and Feature Group D rates and charges apply to 900 Access Service calls originated from end offices with equal access capability. Additionally, nonrecurring charges as specified in Section 6.1.2(B)(5) preceding and Sections 6.9.2(A)(1)(au) and 6.9.9 following also apply. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AN) 900 Access Service (Optional Feature) (Cont'd)

The following 1+900 Access Service calls will be blocked by the Telephone Company:

- calls dialed with a 101XXXX access code,
- calls from Inmate Service,
- calls originated from coin telephones, and
- calls originated from hotels and motels without call rating systems.

The following 0+900 Access Service calls will be blocked by the Telephone Company:

- calls dialed with a 101XXXX access code,
- calls from Inmate Service,
- calls utilizing the Telephone Company's calling card, and
- calls originated to a customer that has not subscribed to 0+900 Access Service.

If a customer requests 0+900 Access Service, it is the customer's responsibility to ensure that 0+900 calls are provided in conjunction with the customer's credit card billing. Operator assisted calls, such as collect and third party billing, are not provided with 0+900 Access Service.

0+900 Access Service is available only when combined with 1+900 Access Service provided with FGD or Trunkside BSA-101XXXX Option.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AN) 900 Access Service (Optional Feature) (Cont'd)

Transmission Specifications

900 Access Service trunk groups are provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly from the end office either Type B or Type C is provided.

- When routed to an access tandem only Type B is provided.

(D)
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(D)

Network Controls

The Telephone Company will administer its network in such a manner that the impact of traffic surges due to peaked 900 Access Service traffic on other access service traffic is minimized. The Telephone Company may, at its option, implement network management controls (e.g., call gapping) to ensure acceptable service levels as defined in Section 6.6.1. In order to ensure deployment of adequate protective controls, the customer must provide notice of 900 mass calling events to the Telephone Company's Network Management Center at least forty-eight (48) hours prior to the event. The Telephone Company will work cooperatively with the customer to determine the appropriate type, level and duration of controls.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AO) Switched Access Signalling Service (SASS)

Switched Access Signalling Service (SASS) is a service available to Tandem Switching Providers (TSPs) that provides the transmission of the Carrier Identification Code (CIC) and Trunk Identification (OZZ) code with Multifrequency (MF) signalling or the Transit Network Selection (TNS) parameter with Signalling System 7 (SS7) signalling. SASS is available only with FGD calls originating from Telephone Company end offices. No traffic, except the Toll Free and/or 500 exceptions noted below, will be directed to the TSP's tandem facility from the Telephone Company's access tandem. SASS is not available with Toll Free/500 Service Access Codes where query functionality does not exist. In these instances, if the TSP requests SASS for Toll Free/500 Service Access Codes, the TSP will be required to order trunks at the hubbing office where the Toll Free/500 query functionality resides.

Calls originating from the Telephone Company's end offices will be routed over dedicated one-way direct-trunked transport to the TSP's Point of Termination. The customer must specify the type of signalling desired: Multifrequency (MF) or Signalling System 7 (SS7). The CIC and OZZ (for MF) or the TNS parameter (for SS7) signalling data included in the call data stream sent to the TSP's tandem will be identical to the CIC and OZZ (for MF) or the TNS parameter (for SS7) signalling data sent to the Telephone Company's access tandem. The signalling data elements will be sent to the TSP on direct-routed traffic.

Separate originating trunks are required from each end office. The customer must comply with all technical requirements specified in Technical References GR-334-CORE, Issue 1; GR-394-CORE, Issue 8; FR-64-CORE, Issue 3; and GR-1083-CORE, Issue 5. (T) (C)(x) (C)(x)

The Telephone Company and the TSP must work cooperatively to ensure no duplication of trunk group numbers exist on TSP facilities to IXCs and Telephone Company facilities to IXCs. This will permit the Telephone Company to accurately identify tandem-routed traffic from Telephone Company end offices to the TSP. (T)

(x) FR-64-CORE, Issue 3, replaces TR-NWT-000064, Issue 1 in its entirety.
GR-394-CORE, Issue 8, replaces GR-394-CORE, Issue 1, in its entirety.
GR-1083-CORE, Issue 5, replaces GR-1083-CORE, Issue 1, in its entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AO) Switched Access Signalling Service (SASS) (Cont'd)

Traffic may overflow from the TSP's facilities to the Telephone Company's facilities and from the IXC's direct-trunked transport facilities to the TSP's facilities. All overflowing traffic will originate in the end office. In the originating direction, an IXC served by a TSP must have an established presence in the Telephone Company's access tandem or have Telephone Company direct trunks in order for the Telephone Company to accept its overflow traffic. In addition, no overflowing traffic will be directed to the TSP's tandem facility from the Telephone Company's access tandem.

If a Tandem Switching Provider (TSP) elects to discontinue the Switched Access Signalling Service option from end offices after the implementation of SASS, the TSP must contact, in writing, all IXCs who have selected the TSP as their tandem or facility provider to route and deliver FGD access calls to inform them that the service is being discontinued and that the IXCs should select a new tandem-transport provider. The TSP must provide written notification to the Telephone Company that this activity has taken place.

The TSP must have separate trunks to the Telephone Company's tandem or end office if the TSP chooses to provide Terminating FGD Traffic.

If a TSP is designated as the customer of record for terminating traffic, no billing tapes are required. However, TSPs must provide terminating usage recording information to the Telephone Company if the TSP's IXC customers are designated as the customers of record for billing purposes. The TSP must provide daily transmission of the Automatic Message Accounting ("AMA") recording in the standard exchange message record format for all terminating usage that will be billed directly to their IXC customers. The Telephone Company will work cooperatively with the TSP to establish guidelines for resolving recording discrepancies between the AMA records for TSP facilities and Telephone Company trunks. To ensure consistency between the AMA records of the Telephone Company and the TSP, the TSP must adhere to the Telephone Company's FGD usage measurement guidelines set forth in Section 6.8.8(D) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AO) Switched Access Signalling Service (SASS) (Cont'd)

A TSP ordering service on behalf of an IXC must provide the Telephone Company a Letter of Authorization (LOA) from the IXC indicating that the customer has agreed to allow the TSP to order from the Telephone Company on their behalf. If the IXC wishes to move their traffic to a TSP's access tandem, the TSP must provide the Telephone Company with a written Letter of Authorization.

6.4.2 Transport Termination Optional Features

(A) Carrier Identification Parameter (CIP)

Carrier Identification Parameter (CIP) is an optional feature that transmits Carrier Identification Code (CIC) information to customers on originating switched access. CIP is available from Telephone Company selected end office and tandem switches in connection with originating Trunkside BSA 101XXXX Option and FGD when out of band signaling is specified. When CIP is provided, the switch will transmit the 4 digit CIC of the presubscribed line or the CIC selected when the end user places a call using 101XXXX dialing. The specific protocol for CIP is contained in Telcordia Document GR-905-CORE, Issue 1, March 1995. The interval for the customer's CIP order will be negotiated by the Telephone Company in cooperation with the customer.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.2 Transport Termination Optional Features (Cont'd)

(B) Rotary Dial Station Signaling (Optional Feature)

This option provides for the transmission of called party address signaling from rotary dial stations to the customer's premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Trunkside BSA - 950 Option and Feature Group B, only on a direct trunked basis.

(C) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Optional Feature)

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available with Trunkside BSA-101XXXX Option 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)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.2 Transport Termination Optional Features (Cont'd)

(C) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Optional Feature) (Cont'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's 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.

The operator assistance coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's manual cord boards.

Non-Coin:
This arrangement provides for the routing of 0+, 0-, 00-, 1+, 01+ or 011+ prefixed originating non-coin calls requiring operator assistance to the customer's 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.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.2 Transport Termination Optional Features (Cont'd)

(C) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Optional Feature) (Cont'd)

Non-Coin: (Cont'd)
The operator assistance non-coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's manual cord boards. When so equipped, the ANI feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for 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's 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, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's operator services systems, rather than in the customer's manual card boards. When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.2 Transport Termination Optional Features (Cont'd)

(D) Operator Trunk - Full Feature (Optional Feature)

This option provides the initial coin return control function to the customer's operator. It is available with Trunkside BSA-101XXXX Option and Feature Group D and is provided as a trunk type for Transport Termination.

This option is not available in combination with out of band signaling.

6. Switched Access Service (Cont'd)
6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)
6.4.3 Switched Transport Optional Features
(A) Common Channel Signaling Access Service (Optional Feature)

Common Channel Signaling Access Service (CCSAS) allows the customer to exchange signaling information for Trunkside BSA-101XXXX and FGD call set-up or Billing Validation Service over a communications path which is separate from the message path. This option is provided with Trunkside BSA-101XXXX Option and FGD with out of band signaling, and Billing Validation Service. This service includes a dedicated 56 kbps out of band signaling connection between the customer's SPOI and the Telephone Company's STP and an STP port at the Telephone Company's STP.

CCSAS is provisioned for two-way transmission of out of band signaling information.

Each CCSA Signaling Connection provides for two-way digital transmission at a speed of 56 kbps. The connection to the Telephone Company STP pair can be made from either the customer's Signaling Point (SP) which requires a minimum of two 56 kbps circuits or from the customer's STP pair which requires a minimum of four 56 kbps circuits. The STP locations are set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Where multiple STP pairs are deployed in a LATA, Telephone Company end offices or tandems are interconnected to only one STP pair. The customer must route terminating traffic to the STP pair that serves the end office or tandem switch where the call is terminated.

If an STP pair is no longer deployed in a given LATA, the Telephone Company will designate an STP pair in another LATA from which to route SS7 signaling messages to that LATA subject to Section 20.1.3 following. (N)

Customers ordering CCSAS are subject to the requirements specified in 2.3.9.1, 2.3.10(B)(9) and 2.3.10(9) preceding.

When CCSAS is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Technical Reference GR-905-CORE, Issue 11. When 64CCC and/or ATP is ordered, the SS7 interfaces as specified in Technical Reference GR-905-CORE, Issue 11, will also be tested. Successful completion of the appropriate tests is necessary to receive CCSAS. To protect the security of the network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a non-disclosure agreement.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(A) Common Channel Signaling Access Service (Optional Feature)

At the customer's request, CCSAS will be modified to accept SS7 signaling messages and protocol specified in Technical Reference GR-905-CORE, Issue 11, when Trunkside BSA-101XXXX Option and FGD with out of band signaling is provided in accordance with 6.1.2(A)(6)(e) and successful completion of testing in accordance with Technical Reference GR-905-CORE, Issue 11, is required. (C)(x) (T) (C)(x)

CCSAS is subject to the rates and charges as specified in 6.8.1(C)(2), 6.9.1(G) 6.9.1(L), and 6.9.2(A) following. A monthly recurring distance sensitive STP Mileage charge as specified in 6.9.1(L) following will be assessed on a per dedicated 56 kbps out of band signaling connection basis to transport signaling information between the customer's SPOI and the Telephone Company's STP. A monthly recurring STP Port charge as specified in 6.9.2(A) following, will be assessed on a per port basis for the customer's dedicated port at the Telephone Company's STP. A nonrecurring installation charge as specified in 6.9.1(G) following will be assessed per 56 kbps dedicated out of band signaling connection. Information concerning incidental interLATA service is set forth in section 20 following.

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000962 in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(B) Billing Validation Service (Optional Feature)

Billing Validation Service (BVS) provides the customer the ability to query the billing validation data in the Telephone Company's LIDB SCP containing Telephone Company calling card numbers, Telephone Company numbers with collect or bill to third party billing restrictions and public and semi-public telephone numbers. Based upon the received query information the LIDB will respond with a SS7 formatted confirmation of validity or denial for the requested billing option. Access to the Telephone Company's LIDB provides customers with potential toll fraud detection by validating calling card and collect or third party billing restrictions and performing public telephone checks.

LIDB queries are transported, via CCSAS, from a customer's Signaling Point of Interface (SPOI) to the Telephone Company Signal Transfer Point (STP) located in the LATA where the LIDB Signaling Control Point (SCP) is located.

BVS is designed to transport LIDB queries in an out of band format that is in accordance with the technical and performance requirements as defined in Technical Reference GR-954-CORE, Issue 4. (T) (C)(x)

BVS requires the establishment of a signaling connection between the customer's SPOI and the Telephone Company's STP. Customers must establish out of band signaling connections, as specified in 6.1.2(A)(2)(e) preceding, between its SPOI and the Telephone Company STP in the LATA where the LIDB SCP is located. Should a customer subscribe to both FGD with out of band signaling and BVS in the same LATA where the LIDB SCP is located, signaling for both services must travel over the same out of band signaling connection. The technical interface requirements as defined in Technical Reference GR-905-CORE, Issue 11, and in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, December 1990, apply to out of band signaling connections used for BVS. (C)(x) (C)(x) (T)

Customers ordering BVS are subject to the requirements specified in 2.3.9, 2.3.10(A)(4) and 2.3.10(A)(8).

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 in its entirety.
GR-954-CORE, Issue 4, replaces TR-TSV-000954, Issue 1 in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features (Cont'd)

(x)

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6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features (Cont'd)

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6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features (Cont'd)

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6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features (Cont'd)

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6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(B) Billing Validation Service (Optional Feature) (Cont'd)

The Telephone Company's LIDB will contain a record for every working line number and Billed Number Group served by the Telephone Company. Other exchange carriers who may store their data in the Telephone Company LIDB are requested to provide this data as well.

The Telephone Company will update the LIDB information; e.g., add, delete, and modify customer accounts as customers move, become delinquent on their account, or order new service, on a daily basis. The updates do not interrupt normal processing of queries.

The Telephone Company has procedures in place to deactivate billing validation data in the event that it is being used fraudulently. Calling cards identified or suspected of being fraudulently used will be updated 7 days a week, 24 hours a day.

The Telephone Company has established a regional Fraud Center operating 24 hours a day, 7 days a week, to monitor LIDB query thresholds, analyze and investigate potential fraudulent calling, receive interexchange carrier fraud alerts, and act as a single point of contact for LIDB accessors regarding suspected fraud activity. The Center has the ability to immediately deactivate billing validation data in the event it is being used fraudulently.

End user information, pertinent to the investigation, may be shared with LIDB Validation Service customers when validation queries for the specific customer reaches the Telephone Company established fraud threshold level. This fraud threshold level will be applied uniformly to most customers, however, higher threshold levels may be established for certain customers, upon their request (i.e., customers having excessive call volumes resulting in excessive queries to LIDB).

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(B) Billing Validation Service (Optional Feature) (Cont'd)

When BVS is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and (T)
Technical Reference GR-905-CORE, Issue 11, and successful (C)(x)
completion is necessary to receive BVS. To protect the security of the network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a non-disclosure agreement.

The Telephone Company will administer its LIDB to insure the provision of acceptable service levels to all customers of the Telephone Company's BVS. During periods of BVS system congestion, an automatic call gapping procedure will be utilized to control such congestion. The automatic call gapping procedure will tell the switch the gap (how long the switch should wait before sending another query) and the duration (how long the switch should continue to perform gapping). For example, during an overload condition, the automatic call gapping procedure will tell the LIDB when to begin to drop one out of three of the queries received. This call gapping procedure will be applied uniformly to all users of the Telephone Company's BVS.

The Telephone Company maintains the right to invoke manual intervention of the automatic call gapping procedure to preserve the integrity of the network.

BVS is designed for one hundred percent (100%) availability and has a mated configuration to ensure such availability. The LIDB validation system is capable of processing up to 150 queries per second. The roundtrip response time for a query should not exceed two seconds for 99 percent of all queries.

BVS is subject to the rates and charges as specified in 6.9.1(M) following. A recurring Query Transport charge will be assessed on a per query basis to transport the LIDB query between the Telephone Company's STP and the LIDB SCP. A recurring Query Validation charge will be assessed on a per query basis for processing the LIDB query. A nonrecurring Service Establishment charge will be assessed on an originating point code basis for establishing or changing a customer's BVS.

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(C) Toll Free* Data Base Access Service

Toll Free Data Base Access Service is an originating only trunk side service. When a Toll Free+NXX+XXXX call is originated by an end user, the Telephone Company will perform customer identification based on screening of the full ten-digits of the Toll Free number to determine the customer location to which the call is to be routed.

Customers have the option of specifying an area of service from which to receive calls. A specific area of service can be a LATA, state, region, USA, or USA/Canada/Caribbean.

Toll Free Data Base Access Service calls may be delivered to the customer directly from an end office only when the end office is equipped with Toll Free Data Base query functionality, i.e., ability to query the Toll Free Data Base to perform ten-digit customer identification. When the end office does not have Toll Free Data Base query functionality, the query is delivered to the customer from the access tandem (all access tandems have Toll Free Data Base query functionality).

Feature Group D rates and charges apply to Toll Free Data Base Access Service calls originated from end offices with equal access capability. In addition to Feature Group D usage charges, a basic query charge as specified in 6.1.2(A)(8) preceding and 6.9.1(N) following applies to each Toll Free Data Base Access Service call delivered to the customer. A basic query charge consists of customer identification [i.e., Carrier Identification Number (CIC)], delivery of the dialed Toll Free ten-digit number, ANI, and the allowable area of service, designated by the customer, from which Toll Free calls can be received.

The Federal Communications Commission ("FCC") has concluded that hoarding, defined as the acquisition of more toll free numbers than one intends to use for the provision of toll free service, as well as the sale of a toll free number by a private entity for a fee, is contrary to the public interest in the conservation of the scarce toll free number resource and contrary to the FCC's responsibility to promote the orderly use and allocation of toll free numbers.

* "Toll Free" is considered to mean any access service which utilizes any of the following NPAs: 800, 888, 877, 866, 855, 844, 833, 822, or other NPAs as they become available to the industry. (T) (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

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

Vertical Feature Package (VFP)

This feature package, available only with Toll Free Data Base Access Service, provides feature functionality in addition to the basic query. The feature package may include various destination options such as POTS Translation, carrier selection, time of day routing, day of week routing, specific date routing, geographic routing, routing based on percent of allocation, and emergency routing profiles.

Transmission Specifications

Toll Free Data Base Access Service is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or C is provided.

- When routed to an access tandem only Type A is provided.

- Type A is provided on the transmission path from the access tandem to the end office.

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

For Toll Free Data Base Access Service traffic originating from end offices with Data Base query functionality, all normal Feature Group D parameters apply.

Toll Free Data Base Access Service traffic originating from all other end offices, Type A Transmission Specifications are provided for the facility between the access tandem and the customer's facilities.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(D) 500 Access Service

500 Access Service is a service designed to meet the needs of 500 Service Providers of Personal Communications Service (PCS) who have been assigned a 500-NXX code by the North American Numbering Plan Administrator.

500 Access Service is an originating only trunk side service. When a 500-NXX-XXXX call is originated by an end user, the Telephone Company will perform customer identification based on six-digit 500-NXX screening of the 500 number to determine the customer location to which the call is to be routed.

Customers have the option of having the Telephone Company perform additional data base processing for calls to their 500-NXX code in order to translate the dialed 500-NXX-XXXX number to a geographic NANP number (i.e. POTS) for routing of the call. This option is not available for customers that have requested 0+500-NXX-XXXX originated calls to be completed by originating end users. A switched Access rearrangement charged as specified in 6.8.1(c)(2) will apply for each subsequent order for this option.

Certain end office switches are not equipped with 500 NXX query functionality. In these instances 0+500 calls will be routed to a Telephone Company operator switch which will translate the 0+500 NXX number and route the call. Customers will be required to provide trunks at the operator switch. 1+500 calls will be routed to a Telephone Company hubbing office equipped with 500 NXX functionality.

Feature Group D rates and charges apply to 500 Access Service calls originated from end offices with equal access capability. The query charge as specified in 6.9.1 following applies to each 500 Access Service call delivered to the customer. A query charge consists of customer identification [i.e., Carrier Identification Code (CIC) or Trunk Group], delivery of the dialed 500 number or POTS translation of the dialed 500 number, ANI, from the allowable area of service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Switched Access Service, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 6.5.1 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 6.5.2(A) or 6.5.2(B) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this tariff.

The transmission specifications contained in this Section are immediate action limits. Acceptance limits are set forth in Technical Reference GR-334-CORE, Issue 1. This Technical Reference also provides the basis for determining Switched Access service maintenance limits Transmission specifications for out of band signaling connections are set forth in the Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and in Technical Reference GR-905-CORE, Issue 11. (C)(x)

Transmission specifications for 64 Clear Channel Capability, when provisioned with Trunkside BSA-101XXXX Option or FGD with out of band signaling, are set forth in Technical Reference GR-334-CORE, Issue 1. (C)(x)

(x) GR-334-CORE, Issue 1, replaces TR-NPL-000334 and TR-NWT-000938 in their entirety.
GR-905-CORE, Issue 11, replaces TR-TSV-000905 in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications

Following are descriptions of the three Standard Transmission Specifications available with Switched Access Services. The specific applications in terms of the Switched Access Services and Interface Groups with which the Feature Group and BSA Standard Transmission Specifications are provided are set forth in 6.2.1(C), 6.2.2(C), and 6.2.4(C) preceding. (D)

(A) Type A Transmission Specifications

Type A Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is + 2.0 dB

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications (Cont'd)

(A) Type A Transmission Specifications (Cont'd)

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -1.0 dB to +3.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

Route Miles	C-Message Noise
less than 50	32 dBrnCO
51 to 100	34 dBrnCO
101 to 200	37 dBrnCO
201 to 400	40 dBrnCO
401 to 1000	42 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBmO holding tone, is less than or equal to 45 dBrnCO.

(5) Echo Control

Echo Control, identified as Equal Level Echo Path Loss and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer's Point of Termination (POT) to the end office or via an access tandem. They are equal to or greater than the following:

	Echo Return Loss	Singing Return Loss
POT to Access Tandem	21 dB	14 dB
POT to End Office		
- Direct	N/A	N/A
- Via Access Tandem	16 dB	11 dB

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is + 2.5 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

	C-Message Noise*	
Route Miles	Type B1	Type B2
less than 50	32 dBrnCO	35 dBrnCO
51 to 100	33 dBrnCO	37 dBrnCO
101 to 200	35 dBrnCO	40 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnCO.

* For Trunkside BSA-101XXXX Option and Feature Group D, only Type B2 will be provided. For Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B, Type B1 or B2 will be provided set as forth in Technical Reference GR-334-CORE, Issue 1. (D) (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications

(5) Echo Control

Echo Control, identified as Impedance Balance for Lineside BSA, Trunkside BSA - 950 Option and FGA and FGB and Equal Level Echo Path Loss for Trunkside BSA-101XXXX Option and FGD, and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer Point of Termination (POT) to the end office or via an access tandem. The ERL and SRL also differ by Switched Access Services of termination, and type of transmission path. They are greater than or equal to the following: (D)

	Echo Return Loss	Singing Return Loss
POT to Access Tandem		
- Terminated in 4-Wire trunk	21 dB	14 dB
- Terminated in 2-Wire trunk	16 dB	11 dB
POT to End Office		
- Direct	16 dB	11 dB
- Via Access Tandem		
- For Trunkside BSA - 950 Option and FGB access	8 dB	4 dB
- For FGB access (Effective 4-Wire transmission path at end office)	16 dB	11 dB (D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications (Cont'd)

(C) Type C Transmission Specifications

Type C Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is + 3.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +5.5 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

	C-Message Noise*	
Route Miles	Type C1	Type C2
less than 50	32 dBrnCO	38 dBrnCO
51 to 100	33 dBrnCO	39 dBrnCO
101 to 200	35 dBrnCO	41 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

* For Trunkside BSA-101XXXX Option and Feature Group D, only Type C2 will be provided. For Lineside BSA, Trunkside BSA - 950 Option, and Feature Groups A and B, Type C1 or C2 will be provided as set forth in Technical Reference GR-334-CORE, Issue 1. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications (Cont'd)

(C) Type C Transmission Specifications (Cont'd)

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a 16 dBmO holding tone is less than or equal to 47 dBrnCO.

(5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss is equal to or greater than the following:

	Echo Return Loss	Singing Return Loss
POT to End Office - Direct	13 dB	6 dB

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6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.2 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Switched Access Services. The specific applications in terms of the BSAs with which they are provided are set forth in 6.3.1, 6.3.2, 6.3.2.1, 6.3.2.2, and 6.3.2.3 preceding. Following are descriptions of each.

(A) Data Transmission Parameters Type DA

(1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 33 dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

	604 to 2804 Hz
less than 50 route miles	500 microseconds
equal to or greater than 50 route miles	900 microseconds

	1004 to 2404 Hz
less than 50 route miles	200 microseconds
equal to or greater than 50 route miles	400 microseconds

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.2 Data Transmission Parameters (Cont'd)

(A) Data Transmission Parameters Type DA (Cont'd)

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBrnCO threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion Products are equal to or greater than:

Second Order (R2)	33 dB
Third Order (R3)	37 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 5° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

(B) Data Transmission Parameters Type DB

(1) Signal to C-Notoned Noise Ratio

The signal to C-Notoned Noise Ratio is equal to or greater than 30 dB.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.2 Data Transmission Parameters (Cont'd)

(B) Data Transmission Parameters Type DB (Cont'd)

(3) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

	604 to 2804 Hz
less than 50 route miles	800 microseconds
equal to or greater than 50 route miles	1000 microseconds

	1004 to 2404 Hz
less than 50 route miles	320 microseconds
equal to or greater than 50 route miles	500 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBrnCO threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion Products are equal to or greater than:

Second Order (R2)	31 dB
Third Order (R3)	34 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 7° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 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:

6.6.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in Section 2.7.1.1 preceding. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.2 Design and Traffic Routing of Switched Access Service

For Switched Access Services, the customer and the Telephone Company will apply a capacity threshold test to determine the design and routing of the Switched Access Service. When the amount of estimated traffic to and/or from an end office is equal to or less than 750 busy hour minutes of use, the customer may specify whether the traffic is to be routed directly between the end office and customer's premises or whether all or a portion of the traffic should be routed via an access tandem. When the amount of estimated traffic to and/or from an end office exceeds 750 busy hour minutes of use, the Telephone Company will work cooperatively with the customer to design and determine the routing and directionality using either direct final trunks or a combination of direct high usage trunks between the end office and the customers premises, with alternate route trunks via the access tandem.

The Telephone Company will determine 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.

6.6.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may 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.

6.6.4 Trunk Group Measurement Reports

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

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.5 Determination of Number of Transmission Paths

The following applies to switched access voice transmission paths, and does not apply to signaling connections provided with CCSAS. The number of transmission paths for out of band signaling connections will be determined jointly by the Telephone Company and the Customer.

Customers ordering Switched Access Services specify the number of transmission paths in the order for service. 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.

6.6.6 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.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.7 Designed Blocking Probability

The Telephone Company will design the facilities for the provision of tandem circuits used for common transport between the access tandem and the end office.

In addition, the Telephone Company will perform routine measurement functions in accordance with Telephone Company blocking objectives to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional trunks be ordered by the customer when required to reduce the measured blocking to the objective.

(A) For FGA and FGB (Lineside BSA and Trunkside BSA - 950 Option) no blocking criteria apply.

(B) The blocking objective for FGB on D and FGD will be no greater than one percent (.01) between the point of termination at the customer's premises and the first point of switching in the Telephone Company's network when traffic is directly routed without an alternate route. For this directly routed traffic, the objective is solely a function of the customer's network design. (D)

(C) The blocking objective for FGD (Trunkside BSA - 10XXX/101XXXX) will be no greater than one percent (.01) between the point of termination at the customer’s premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. For traffic routed via an access tandem, the objective is a combination of the Telephone Company's common transport design capacity and the customer's network design capacity.

(D) Standard traffic engineering methods as set forth in Technical Reference SR-TAP-000191, Issue 2, Trunk Traffic Engineering Concepts and Applications, will be used by the Telephone Company to determine the number of trunks required to achieve the blocking objectives in all cases.

The design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the thresholds listed in the following tables:

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6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.7 Designed Blocking Probability (Cont'd)

(D) (Cont'd)

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements 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

(1) For transmission paths carrying first routed traffic between an end office and a 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 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	.025	.030	.040

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.8 End User Line and Usage Information Data

(A) General

The Telephone Company will provide to customers, upon request, historical and projected information pertaining to the number of end user lines and latest available average use per line. Such information shall be limited to that information which the Telephone Company uses in the course of performing its normal business operations. Additionally, the Telephone Company will make update information available only on a semi-annual basis.

(B) Information Content and Format

The historical and projected data will be provided on a per end office basis and will consist of the following information:

- Number of residential lines
- Number of business lines
- Average use per line

Unless requested otherwise, the data will be provided in machine-readable format.

(C) Availability of Data

The Telephone Company will provide the data to the requesting customer within 30 days of the receipt of the request. Separate requests are limited to two per end office per year.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.8 End User Line and Usage Information Data (Cont'd)

(D) The charge to the customer for such data will be developed on an individual case basis and will include only those incremental costs incurred by the Telephone Company in responding to the individual data request. Individual Case Basis (ICB) tariff filings will be made in Section 12, Specialized Service or Arrangements, following. Incremental costs include, but are not limited to, costs associated with the provision of data in a non-standard format as well as costs associated with responding to other individualized treatment requested by the customer.

6.6.9 Bill Verification Data

At the customer's request and at no charge, the Telephone Company will provide, within 30 days from receipt of a written request, underlying data used to derive subscriber line ratios as defined in Section 6.8.1 (D)(4) following. In addition to data used to develop subscriber line ratios, additional bill verification data, as is readily available, will also be provided subject to the preceding conditions. (D)

6.7 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:

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Obligations of the Customer (Cont'd)

6.7.1 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 2.3.10 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the interstate charges is set forth in 2.3.11 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) Telecommunications Relay Service (TRS) Provider Reports

When a customer uses Switched Access service to carry tandem routed traffic originated from a TRS Center, in cases where the tandem does not have the capability to measure calls, the Telephone Company will assess applicable access charges to the customer based on reports provided by the TRS provider.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Obligations of the Customer (Cont'd)

6.7.1 Report Requirements (Cont'd)

(D) 900 and Interim 500 Access Service NXX Codes

All 900 and Interim 500 NXX Code assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

When ordering 900 and Interim 500 Access Service, NXX Codes to be activated or deactivated must be provided to the Telephone Company in accordance with applicable ordering intervals. Customer assigned codes, for which an order has not been received, will be blocked.

Customers ordering 900 Access Service are required to provide both a field test number and a trouble referral contact number to the Telephone Company coincident with the order for service. The field test number will be utilized by the Telephone Company to place test calls to the Customer's premises. The referral contact number will be utilized by the Telephone Company to refer end user trouble reports to the appropriate customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Obligations of the Customer (Cont'd)

6.7.2 Supervisory Signaling

The customer's facilities shall provide the necessary on-hook, off-hook answer and disconnect supervision. For 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service, which originates from end offices other than equal access end offices with the customer identification function, and for Trunkside BSA - 950, the customer shall provide answer off-hook signal upon completion of the outpulsed signaling sequence at his point of presence.

For Trunkside BSA-101XXXX Option, including 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service from equal access end offices with the customer identification function, the customer shall return answer off-hook signal when the called party answers.

6.7.3 Trunk Group Measurements Reports

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

6.7.4 Design of Switched Access Services

When a customer orders Trunkside BSA-101XXXX Option Switched Access Service, or trunks associated with 900 Access Service, 500 Access Service, Toll Free Data Base Access Service, it is the customer's responsibility to assure that sufficient access services have been ordered to handle its traffic. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations

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

6.8.1 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, usage rates and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth in (D) following.

Certain Switched Transport rates and charges (monthly and non-recurring) will be applied based on Rate Zones or Metropolitan Statistical Areas (MSAs). Rate Zones are defined in Section 2.1 and contained in Section 14.6. In cases where the Channel Mileage crosses Rate Zones (e.g., serving wire center 1 is in Rate Zone 1 and serving wire center 2 is in Rate Zone 2), the higher-rated mileage charge will be applied to the entire channel mileage. Multiplexing rates will be determined by the location of the multiplexing arrangement. (C) (C)

MSAs are defined in Section 2.6 and are listed in Section 14.7. In wire centers within a qualifying MSA, monthly rates and nonrecurring charges for certain Switched Access service rate elements are arranged in price bands. The price band for each serving wire center within a qualifying MSA and the type of Switched Access Services which are subject to price band rating are specified in Section 14.7, following. In cases where Channel Mileage crosses price bands, the charge for the higher numbered price band applies. When channel mileage is between an MSA price band and a Non-qualifying MSA (N-MSA) wire center, the rates and charges for the N-MSA wire center (a rate zone charge or a basic (N-MSA) channel mileage charge) apply. (N) (N)

Certain material formerly appearing on this page currently appears on Original Page 6-184.1.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(A) Monthly Rates (M)

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided, except for the following. For billing purposes, each month is considered to have 30 days.

(1) DS3 Entrance Facility Channel Terminations

Monthly rates for DS3 Entrance Facility Channel Terminations apply on a tapered schedule as set forth in Section 6.9.1 following. The rate to be billed for each channel termination is based on a count of the total eligible Switched and Special Access channel terminations that are in service and in billing at the end of the bill period, whether provided on a month-to-month basis, under one or more term pricing plans, or a combination of both. (M)

(M) Certain material currently appearing on this page formerly appeared on Original Page 6-184.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(A) Monthly Rates (Cont'd)

(1) DS3 Entrance Facility Channel Terminations (Cont'd)

The following Switched and Special Access channel termination rate elements are eligible for inclusion in the Telephone Company's monthly count:

- DS3 Switched Access Entrance Facilities channel terminations (electrical and optical) as described in Section 6.9.1 following
- interstate DS3 High Capacity Special Access Service channel terminations at a primary premises provided by the Telephone Company.

Before the first billing period of each month, the Telephone Company will count all eligible DS3 Switched Access Entrance Facility channel terminations that are in service between the same two locations (e.g., a customer-designated premises and the same serving wire center). If that customer-designated premises is a primary premises for Special Access Service, as defined in Section 7.4.1 following, the Telephone Company will also count all eligible DS3 High Capacity Special Access Services that are in service. The results are added to obtain the total count for a particular customer-designated premises and determines the applicable rate band. This step is repeated for each customer-designated premises.

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(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(A) Monthly Rates (Cont'd)

(1) DS3 Entrance Facility Channel Terminations (Cont'd)

(D)

(D)

The rate band determined by the last count taken shall be used to calculate all charges incurred by and credits due to the customer for DS3 Switched Access Service Entrance Facility channel terminations established or discontinued during the preceding billing period. The count will not be adjusted for any reason for service order activity occurring after the count is made, including services that were installed prior to the count but were not in billing when the count was taken.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis. Charges are accumulated over a monthly period.

(C) Nonrecurring Charges

Nonrecurring charges are one time charges that apply for a specific work activity (e.g., 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.

Certain nonrecurring charges applicable to the installation of access service consist of a "first" and "additional" charge. For each facility, line, or trunk ordered, the first charge applies to the first facility, line, or trunk specified on the order, with the additional charge applied to each additional facility, line, or trunk specified on the same order between same locations.

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For Switched Services, the charge is applied per line or trunk.

In addition, nonrecurring charges apply when Common Channel Signaling Access Service is installed for use with Trunkside BSA-101XXXX Option, Feature Group D and/or Billing Validation Service as specified in 6.9.1(B) following.

When newly installed service is added to a Commitment Discount Plan, the channel termination nonrecurring charge which applies is $1.00. (N) | (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(C) Nonrecurring Charges (Cont'd)

(2) Service Rearrangements

Service rearrangements are changes to existing services installed which do not result in either a change in the minimum period requirements as set forth in 5.2.5 preceding or a change in the physical location of the point of termination at a customer's premises or a customer's end user's premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and described and charged for as set forth in 6.8.7 following.

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves an actual physical change to the service, including the addition of a FGD Carrier identification Code (CIC) to an existing network and other translation-only type work.

- When the physical change involves the addition of FGD CIC(s) to an existing network, a service rearrangement charge would apply per CIC, per sub-tending end office, per access tandem.
- When the physical change involves translation-only type work, a service rearrangement charge would apply at the level of work being performed (such as per trunk, per trunk group, per end office, or per access tandem).

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(C) Nonrecurring Charges (Cont'd)

(2) Service Rearrangements (Cont'd)

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same customer (i.e., same customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change of customer name, (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T Communications)
- 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 data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(C) Nonrecurring Charges (Cont'd)

(2) Service Rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of an optional feature or BSE which has a separate nonrecurring charge, that nonrecurring charge will apply.

A charge as specified following will apply on each transmission path reconfigured from:

- SS7 signaling to MF signaling
- 64CCC to SS7 signaling
- 64CCC to MF signaling

When out of band signaling or 64CCC is ordered, the customer may add Calling Party Number (CPN), Charge Number (CN), Carrier Selection Parameter (CSP), and Access Transport Parameter (ATP) at no additional charge if these features are specified at the time out of band signaling or 64CCC is ordered for existing switched access trunks.

For Dedicated Network Access Link BSAs, the addition of optional features without separate nonrecurring charges, a charge equal to a channel termination rate element first nonrecurring change charge will apply. Only one such charge will apply per service per change.

For all other changes; including the addition of, or modifications to, optional features or BSEs without separate nonrecurring charges, a charge as specified following will apply. When an optional feature or BSES is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

	USOC	Nonrecurring Charge
- Per Rearrangement	NRBOK	$50.00

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(C) Nonrecurring Charges (Cont'd)

(2) Service Rearrangements (Cont'd)

Rearrangement charges as specified in 6.9.1 following apply on a per termination basis for the following service rearrangements:

a) rearranging an existing subtending service from one port to another in the same multiplexing arrangement;

b) rearranging an existing subtending service from one multiplexing arrangement to another like multiplexing arrangement in the same wire center; and

c) rearranging an existing service into a high capacity service multiplexing arrangement in the same wire center.

d) rearranging an existing service to a Collocated Interconnection Cross-Connect Service or SPOT Bay Frame and Terminations, which are described in Section 19 following, in the same wire center; (C)(X) (C)(X)

e) rearranging a Collocated Interconnection Cross-Connect Service or SPOT Bay Frame and Terminations, which are described in Section 19 following, to a Switched Access Service in the same wire center; and (C)(X) | | (C)(X)

When services are rearranged as described above, additional charges for the Rearrangement Charges may apply to all such rearranged services beyond the first without regard to their end-point locations, so long as they are all of the same service type, have the same date due, and are all being rearranged to the same multiplexing arrangement.

Certain regulations previously found on this page can now be found on Page No. 6-192.

(X) Filed under authority of Special Permission No. 01-028 of the Federal Communications Commission.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(C) Nonrecurring Charges (Cont'd)

(3) Connection Charge (M) (X)

The Switched Access Connection Charge recovers the costs of connecting the trunks/line to the switch. These charges are in addition to any facility charges and are to be applied on a per line/per trunk basis.

(4) Service Order Charge

The Service Order Charge does not apply when a facility and the trunks that ride that facility are being installed at the same time. (M) (X)

(5) In addition, the facility nonrecurring charge will not apply for changing facility capacity or faulty interface (i.e., changes from or to Voice Grade, DS1 or DS3 facilities). No facility nonrecurring charge will apply for "grooming" facilities (i.e., adding new facilities as well as rearranging trunks on existing facilities in order to increase utilization or fill). These charges will not apply as long as the order is placed by December 31, 1995.

(X) Filed under authority of Special Permission No. 01-028 of the Federal Communications Commission.

(M) Certain regulations on this page formerly appeared on Page No. 6-191.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(D) Application of Rates

End Office (i.e., Local Switching) and the Information Surcharge rates are applied as premium rates. (T)

The following rules provide the basis for applying the rates and charges:

(1) Premium rates apply to all Trunkside BSA-101XXXX Option access minutes, and to all Lineside BSA and Trunkside BSA - 950 Option access minutes that originate from or terminate at end offices equipped with equal access (i.e., Trunkside BSA-101XXXX Option) capabilities. Premium rates also apply to all Toll Free Data Base Access Service and 900 Access Service minutes that originate from an equal access end office via Trunkside BSA-101XXXX Option.

(2) The premium rates are further differentiated based upon the directionality of the traffic carried over the Switched Access Service. (C) | (C)

(3) Reserved for Future Use

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(4) Reserved for Future Use (C) (D)

(D)

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(T)
(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

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(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(4) (Cont'd)

(b) (Cont'd)

(iii) (Cont'd)

900 Access Service traffic has been combined in the same trunk group with the customer's Trunkside BSA-101XXXX Option and FGD traffic, 900 Access Service minutes shall not be used to offset premium rates as set forth preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(D)

(D)

(5) Where Switched Access Service is provided in conjunction with a CEC or RCC, and the regulations as set forth in 2.4.8, preceding apply, the Telephone Company will apply premium Switched Transport rates. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(5) (Cont'd)

(a) Entrance Facility

The Entrance Facility monthly rate provides for the communication path between a customer's premises and the SWC of that premises and is assessed based on the capacity of the facilities provided (e.g., Voice Grade, DS1, DS3, or IEF). When Lineside Switched Access service is ordered, the Voice Grade Entrance Facility rate is assessed for each Lineside service requested unless the customer requests an Entrance Facility of higher capacity. The Entrance Facility rate is assessed when the customer premises and the SWC are in the same building. The Entrance Facility rate is in addition to the rates assessed for Direct Trunked Transport and Tandem Switched Transport. Rates and charges are set forth in Section 6.9 following. (D)

(b) Direct Trunked Transport

The Direct Trunked Transport monthly rate provides for the transmission facilities between the SWC of the customer's facilities to the end office or the access tandem based on the capacity of the facility requested, Voice Grade, DS1, or DS3. When Lineside Switched Access service is ordered, the Voice Grade Direct Trunked Transport rate is assessed for each Lineside service requested unless the customer requests a Direct Trunked Transport facility of higher capacity. There are two rates that apply, a fixed rate and a rate per mile. The Direct Trunked Transport rate is in addition to the Entrance Facility rate. Mileage measurement is described in Section 6.8.13 following. Rates and charges are set forth in Section 6.9 following. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(5) (Cont'd)

(c) Tandem Transport Charge

The Tandem Transport Charge is assessed on a per minute of use basis. There are two rates that apply, a fixed rate and a rate per mile/per minute. The Tandem Transport rate is in addition to the Entrance Facility rate. Mileage measurement is described in Section 6.8.13 following. Rates and charges are set forth in Section 6.9 following.

(d) Tandem Switching

The Tandem Switching rate is assessed on a per minute of use basis and is applicable to all Switched Access minutes of use utilizing an access tandem via Tandem Switched Trunk. The Tandem Switching rate is in addition to the Tandem Transmission rate and the rates associated with the Entrance Facility. Rates and charges are set forth in Section 6.9 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(5) (Cont'd)

(e) Dedicated Tandem Trunk Port

The Dedicated Tandem Switching Trunk Port is a monthly rate assessed per activated trunk for every dedicated trunk terminating on the serving wire center side of the access tandem. Rates and charges are set forth in Section 6.9 following.

(f) Interconnection Charge

The Interconnection Charge is assessed on a per minute of use basis and is applicable to all Switched Access minutes of use based on the direction of the traffic and whether or not it is collocated or non-collocated. The originating Interconnection Charge rate will apply to all originating access minutes of use except those associated with calls placed to 700, 800, and 900 numbers. The terminating Interconnection Charge rate will apply to all terminating access minutes of use and all originating access minutes of use associated with calls placed to 700, 800, and 900 numbers.

(g) Host/Remote Transport

When the customer orders Switched Access via the tandem to a remote switching system or module (RSS or RSM), Tandem Transmission rates are assessed between the SWC and the host office or between the access tandem and the host office, whichever is applicable. In addition, Host/Remote Transmission rates are assessed between the host and the RSS or RSM.

When the customer orders DTT to a RSS or RSM, DTT rates are assessed between the SWC and the host office and Host/Remote Transmission rates are assessed between the host and the RSS or RSM. Mileage measurement rules are set forth in 6.8.13 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(6) Where Switched Access Service is used to carry traffic originated from a TRS Center, Switched Transport rates apply. Local Switching rates do not apply.

(7) FGA provided with a voice grade interface the following rate elements are applicable:

- Entrance Facility - 2 wire or 4 wire
- Direct Trunked Transport, fixed and per mile, measured from the SWC to the DTO.
- Local Switching MOU
- Information Surcharge
- Carrier Common Line
- The Interconnection rate applies also to all Local Switching MOUs

Terminating Usage Rate Elements
Tandem fixed MOU and per mile MOU rates apply from the DTO to the End Office where the call terminates.
Local Switching MOU.
Information Surcharge.
Carrier Common Line.
The Interconnection rate applies also to all Local Switching MOU.

Originating Usage Rate Elements
Local Switching MOU
Information Surcharge
Carrier Common Line
The IC rate applies to all Local Switching MOU.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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

(D) Application of Rates (Cont'd)

(8) FGA provided with a digital interface the following rate elements are applicable:

- Entrance Facility - DS1
- Direct-Trunked Transport, fixed and per mile, measured from the SWC to the DTO.
- Multiplexer

  - Local Switching MOU
  - Information Surcharge
  - Carrier Common Line
  - The Interconnection rate applies also to all Local Switching MOUs

The same originating and terminating usage rate elements apply as for non-digital interface as indicated in paragraph (7) above.

(9) Multiplexing

No multiplexing charge will apply except as indicated in (8) above if an individual circuit carrying trunks is at a DS1 level (Entrance Facilities and Direct Trunked Transport) and terminating at a specific switch.

Certain material previously appearing on this page currently appears on Original Page 6-204.1

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(T)
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.2 Minimum Periods

(A) The minimum service period for Switched Transport entrance facilities and direct trunked transport are as follows:

DS1: 2 months
DS3: 12 months
IEF: 12 months

(D)
(D)

(D)
(D)

(B) When service is provided under a Commitment Discount Plan as set forth in Section 25 following, the minimum period for service provided under a Commitment Discount Plan is one (1) year from the date that such service is installed in lieu of the minimum period which would normally apply to that service. Commitment Discount Plan minimum period regulations are specified in Section 25.1.10 following. (T)

(D)

(C) All other Switched Access Service is provided for a minimum period of one month. (T)

(D) When service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. Customers may at any time change their service payment option to a Term Payment Plan without assessment of the minimum service charge. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.3 Reserved for Future Use

6.8.4 Minimum Monthly Charge

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge consists of the following elements:

The minimum monthly charge for the Local Switching, the Information Surcharge, and the Switched 56 (S56) Kilobit Service rate elements is the sum of the charges set forth in Section 6.9.2(A), 6.9.5, and 6.9.7 following for the measured usage for the month. (T) (D) (D)

For a Dedicated Network Access Link, the minimum monthly charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in Section 6.9.1(O) following.

6.8.5 Reserved

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type

Changes from one type of Feature Group to another type of Feature Group, or from one type of BSA to another type of BSA, will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with two exceptions.

(1) When a customer upgrades a Feature Group A or B service to a Feature Group D service, or upgrades a Lineside BSA or Trunkside BSA - 950 Option to a Trunkside BSA-101XXXX Option, the nonrecurring charge will not apply if the following conditions are met:

(a) The same customer premises must be maintained on the order for the Trunkside BSA-101XXXX Option or FGD trunks, unless mutually agreed upon by the Telephone Company and the customer when appropriate Telephone Company central office switching equipment and other facilities exists, and

(b) Reserved for Future Use (C) (D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

(1) (Cont'd)

(c) Reserved for Future Use (C) (D)

(D)

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(T)
(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

(1) (Cont'd)

(d) Subject to the availability of appropriate Telephone Company central office switching equipment and other facilities, customers may upgrade from one-way Trunkside BSA - 950 Option or FGB trunks to two-way Trunkside BSA-101XXXX Option or FGD trunks will not be subject to charge as long as the number of two-way Trunkside BSA-101XXXX Option or FGD trunks does not exceed the number of one-way Trunkside BSA - 950 Option or FGB trunks disconnected, i.e., a one-for-one substitution of one-way trunks for two-way trunks. The customer must retain the same technical interface specifications unless otherwise mutually agreed upon by the Telephone Company and the customer, when appropriate Telephone Company central office switching equipment and other facilities are available. One-way Trunkside BSA - 950 Option or FGB trunks may be upgraded to two-way Trunkside BSA-101XXXX Option or FGD trunks where equipment and facilities are available Conversion of one-way Trunkside BSA - 950 Option or FGB trunks to two-way Trunkside BSA-101XXXX Option or FGD trunks will be scheduled on a project basis by the Telephone Company, in cooperation with the customer.

(e) Customers who are upgrading from tandem or end office routed Trunkside BSA - 950 Option or FGB trunks to direct end office or tandem routed Trunkside BSA-101XXXX Option or FGD trunks will not be subject to nonrecurring charges as long as the number of trunks connected do not exceed the number of trunks disconnected, i.e., a one-for-one substitution of tandem routed trunks for end office trunks or end office trunks for tandem routed trunks. The customer must meet the conditions as specified in section 6.1.2(A)(2)(d) preceding and 6.8.6(1)(f) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

(1) (Cont'd)

(f) Subject to the availability of appropriate Telephone Company central office switching equipment and facilities, customers may upgrade from Trunkside BSA - 950 Option or FGB trunks with MF signaling to Trunkside BSA-101XXXX Option or FGD trunks with SS7 signaling or 64CCC will not be subject to charge as long as the customer requests SS7 signaling or 64CCC on their new order for Trunkside BSA-101XXXX Option or FGD trunks. Out of band signaling connections provided under Common Channel Signaling Access Service must be established as specified in section 6.4.3(A) preceding. The number of Trunkside BSA-101XXXX Option or FGD trunks with SS7 signaling or 64CCC cannot exceed the number of Trunkside BSA - 950 Option or FGB trunks with MF signaling that are disconnected, i.e., a one-for-one substitution of Trunkside BSA-101XXXX Option or FGD trunks with SS7 signaling or 64CCC for Trunkside BSA - 950 Option or FGB trunks with MF signaling.

The Telephone Company reserves the right to determine if Trunkside BSA - 950 Option and FGB may be upgraded to Trunkside BSA-101XXXX Option and FGD and converted to out of band signaling at the same time. If necessary, the Telephone Company will treat such requests as two separate projects and charges will be waived as specified above and in Section 6.1.2(A)(7)(e)(5) preceding. (T)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

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

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

6.8.6.1 Conversion of Existing Feature Groups to Basic Service Arrangements

Nonrecurring charges will not apply to the conversion of existing Feature Groups to their unbundled BSA equivalents.

When a customer converts an existing Feature Group to its unbundled BSA equivalent, minimum period obligations will not change, i.e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for the BSA. For changes from a BSA to a Feature Group during the transition period as noted above, new minimum period obligations will be established.

When the initial order for Trunkside BSA - 950 Option, in a LATA, is received by the Telephone Company, that order will cause conversion of existing FGB services, in that LATA, to the Trunkside BSA - 950 Option rate structure for the CIC associated with that order.

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When the initial order for Trunkside BSA-101XXXX Option, in a LATA, is received by the Telephone Company, that order will cause conversion of existing FGD services, in that LATA, to the Trunkside BSA-101XXXX Option rate structure for the CIC associated with that order.

Orders for Lineside BSA will not cause conversion of FGA services within the LATA where the Lineside BSA is ordered. However, Lineside BSA and FGA services cannot be combined in the same Hunting Service Arrangement.

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

6.8.6.1 Conversion of Existing Feature Groups to Basic Service Arrangements (Cont'd)

All orders or customer requests to convert existing Feature Group services to their ONA equivalents must be received by the Telephone Company by May 1, 1993. If a customer does not submit an order causing conversion of existing Feature Group services, or request that the Telephone Company convert existing Feature Group services to their ONA equivalents by May 1, 1993, then those Feature Group services which have not been converted will be converted to their ONA equivalents on July 1, 1993. Any optional feature provisioned with a Feature Group service which has a corresponding BSE will be charged the BSE rate, and any option which does not have a corresponding BSE will remain as an optional feature.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.7 Moves

A move involves a change in the physical location of the customer premises which also involves a connection to a different rate demarcation point.

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 first nonrecurring (i.e., installation) charge for the service termination 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.

6.8.8 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded) by the Telephone Company at end office switches or access tandem switches. (D)
Originating and terminating calls will be measured (i.e., recorded) by the Telephone Company to determine the basis for computing chargeable access minutes. (D)
For terminating calls over Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option FGA, FGB, and FGD, and for originating calls over Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB and FGD, the measured access minutes are the chargeable access minutes. (D)
For originating calls over FX/ONAL Lineside BSA, and FGA, chargeable originating access minutes are derived from recorded minutes in the following manner. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

Step 1: Obtain recorded originating minutes and messages (measured as set forth in (A) and (C) following for FX/ONAL Lineside BSA, and FGA respectively) from the appropriate recording data. (D)

Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR) are obtained separately for the major call categories such as DDD, operator, Toll Free Data Base Access Service, 900 Access Service, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgment 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 acknowledgment of receipt of call to called party answer (set up and ringing) plus the time on an incompleted attempt from customer acknowledgment of call until the access tandem or end office receives a disconnect signal (ring - no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.

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

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

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

(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)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

Lineside BSA and 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 grounded up to the nearest access minute for each line or hunt group. Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, 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. (D) (D) (D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

(1) All Lineside BSA and FGA Services

Originating and Terminating	3,386
Originating	1,094
Terminating	2,292

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

(A) Lineside BSA and Feature Group A Usage Measurement

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

The measurement of originating call usage over Lineside BSA and FGA ends when the originating Lineside BSA 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.

For terminating calls over Lineside BSA and FGA, usage measurement begins when the terminating Lineside BSA 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 Lineside BSA and FGA ends when the terminating Lineside BSA 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.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

(B) Trunkside BSA - 950 Option and Feature Group B Usage Measurement

For originating calls over Trunkside BSA - 950 Option and FGB, usage measurement begins when the originating Trunkside BSA - 950 Option 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 Trunkside BSA - 950 Option and FGB ends when the originating Trunkside BSA - 950 Option 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.

For terminating calls over Trunkside BSA - 950 Option and FGB, usage measurement begins when the terminating Trunkside BSA - 950 Option 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 Trunkside BSA - 950 Option and FGB ends when the terminating Trunkside BSA - 950 Option 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.

(C) Reserved for Future Use (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

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

6.8.8 Measuring Access Minutes (Cont'd)

(D) Trunkside BSA-101XXXX Option and Feature Group D Usage Measurement

For originating calls over Trunkside BSA-101XXXX Option and FGD with multifrequency address signaling, usage measurement begins when the originating Trunkside BSA-101XXXX Option or FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination. For originating calls over Trunkside BSA-101XXXX Option and FGD with out of band signaling, usage measurement begins when the last point of switching sends the initial address message to the customer.

The measurement of originating call usage over Trunkside BSA-101XXXX Option and FGD ends when the originating Trunkside BSA-101XXXX Option 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.

For terminating calls over Trunkside BSA-101XXXX Option and FGD to services other than Toll Free Data Base Access Service, 900 Access Service or Directory Assistance, total terminating Trunkside BSA-101XXXX Option and FGD usage is directly measured. Jurisdictional assignment for Trunkside BSA-101XXXX Option and FGD is imputed for calls except for 900 Access Service and Directory Assistance Services. When assignment is imputed, the Telephone Company will provide to the Interexchange Carriers the factors used.

For terminating calls over Trunkside BSA-101XXXX Option and FGD, the measurement of access minutes begins when the terminating Trunkside BSA-101XXXX Option 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 Trunkside BSA-101XXXX Option and FGD ends when the terminating Trunkside BSA-101XXXX Option 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.

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

(E) 500 Access Service and Toll Free Data Base Access Service Usage Measurement

Usage measurement from equal access end offices without the customer identification function begins when the originating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook 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 end office.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.9 Reserved

6.8.10 Application of Rates for Extension Service

Lineside BSA and 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. Lineside BSA and Feature Group A extensions in the same LATA and same state are charged for under the Telephone Company's local general services tariffs.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.10 Application of Rates for Extension Service (Cont'd)

Lineside BSA and Feature Group A extensions in different LATAs or in a different state in the same LATA 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, if applicable. All appropriate monthly rates and nonrecurring charges for interstate Voice Grade Special Access Service (C)
provided by the Telephone Company will apply. Such (C)
extensions are ordered as set forth in 5.2 preceding.

6.8.11 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with Lineside BSA and Feature Group A Switched Access Service are subject to Telephone Company general services tariffs charges (including message unit and toll charges as applicable). The monthly bills rendered to customers for their Lineside BSA and Feature Group A Switched Access Service will include a credit as defined in 2.6 preceding to reflect any message unit charges collected from their end users under the Telephone Company's local general services tariffs. The credit will apply for recorded originating usage for the Lineside BSA and FGA service provided. No credit will apply for any terminating Lineside BSA and FGA access minutes. The Message Unit Credit for originating Lineside BSA and FGA access minutes is as set forth in 6.9.5 following.

6.8.12 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 6.9 following. In addition, the charges per call as specified under the Telephone Company's local general services tariffs, e.g., 976 Network Services, will also apply.

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.13 Mileage Measurement

The mileage to be used to determine the monthly rate for the Switched Transport is calculated on the airline distance between the end office switch where the call carried by Switched Transport originates or terminates and the customer's serving wire center or between the end office and the tandem except as set forth in (A) through (I) following. The mileage to be used to determine the monthly rate for the Dedicated Network Access Link (DNAL) Channel Mileage is calculated on the airline distance between the Telephone Company switch or central office where the corresponding BSE (e.g., Message Services Interface and Make Busy Arrangements) capability exists and the serving wire center associated with the customer's designated premises. The V&H coordinates method is used to determine mileage. This method is set forth in National Exchange Carrier Association Tariff F.C.C. NO. 4, for Wire Center and Interconnection Information Tariff (V & H Coordinates).

To determine the rate to be billed compute the mileage using the V&H coordinates method as stated above. If the calculation results in a fraction of a mile, always round up to the next whole mile.

DNAL mileage is shown in 6.9.1 following in terms of a per mile structure. To determine the rate to be billed, first determine the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4, and apply the rates. When the calculation results in a fraction of a mile, always round up to the next whole mile before applying the rates.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.13 Mileage Measurement (Cont'd)

Exceptions to the mileage measurement rules are as follows:

(A) Mileage for access minutes in the originating direction over Lineside BSA and Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H coordinates method, between the end office switch where the Lineside BSA and Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided. When providing the Lineside BSA and Feature Group A FX/ONAL dial tone portion of a service that connects to jointly provided Special Access Service in a Corridor, the access minutes will be calculated in the zero mile band.

(B) Reserved for Future Use (C) (D)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.13 Mileage Measurement (Cont'd)

(C) When the Alternate Traffic Routing optional feature/BSE is provided with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups B or D, the Switched Transport access minutes will be apportioned between the two trunk groups used to provide this feature. Such apportionment will be based on a ratio derived from the customer's access order. The ratio for each trunk group, or percentage of total traffic to be attributed to each trunk group, will be determined by dividing the service capacity for each trunk group by the sum of capacity for both trunk groups. The resulting percentage for each trunk group will be multiplied times the total traffic to apportion usage to the individual trunk group. This apportionment will serve as the basis for Switched Transport mileage calculation. (D) (D)

For Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Group B or D traffic routed directly to an end office, traffic is designated to a specific trunk group based on the actual measured data which is recorded. (D) (D)

(D) Reserved for Future Use (C) (D) (D)

(E) Switched transport mileage for 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service is based on the airline distance between the end office switch where the 500 Access Service, Toll Free Data Base Access Service, and 900 Access Services traffic originates and the customers serving wire center. For 500 Access service, switched transport mileage is based on the airline distance between the end office, hubbing office or operator switch where the 500 call originates and the customers serving wire center.

(F) For Feature Group Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and A, B, or D access minutes originating from or terminating to a WATS Access Line Service, the Switched Transport is calculated based on the airline distance, using the V & H Coordinates method, between the customer's premises Trunkside BSA-101XXXX Option and Feature Group D serving wire center and the WATS serving office. (D) (D)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.13 Mileage Measurement (Cont'd)

(G) Mileage measurement for originating and terminating Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and FGB and FGD switched access services ordered to, and for Lineside BSA and FGA calls terminated to, a remote switching module (RSM) is calculated on an airline basis using the V&H coordinates method, between the end office that serves as the Host/Remote switch for the RSS and the customer's serving wire center for the Switched Access Service provided. (D) (D)

(H) Mileage measurement for CCSAS will be calculated on an airline basis, using the V&H coordinates method, between the serving wire center of the customer's SPOI and the Telephone Company's STP.

(I) When the Switched Transport for Switched Access Service is provided by the Telephone Company and the end user connection is provided by a CEC or a RCC, mileage for access will be calculated on an airline basis, using the V & H Coordinate Method, between the customer's serving wire center and the serving wire center of the MTSO.

(J) For FGD and Trunkside BSA-101XXXX Option services used to carry calls originated from a TRS Center, mileage will be measured, on an airline basis, between the customer's serving wire center for the Switched Service provided and the TRS Center.

6.8.14 Facility Hubs

A customer has the option of ordering high capacity facilities (i.e., DS1 or DS3) to a facility Hub for distributing or channelizing to individual services requiring lower capacity facilities (e.g., Voice Grade or DS1).

When high capacity facilities are provided between a customer premises and a facility Hub, the facility will not be considered an end-to-end service until an associated channelized service is installed. The facility Hub will not be considered as a customer premises.

Different locations may be designated by the Telephone Company as Hubs for different facility capacities, e.g., multiplexing from DS3 to DS1 may occur at one location while multiplexing from DS1 to Voice Grade may occur at a different location. When ordering, the customer will specify the desired multiplexing Hub(s) selected from the National Exchange Carrier Association Tariff F.C.C. No. 4. This Tariff identifies the type(s) of multiplexing functions which are available and the serving wire centers at which they are available.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.14 Facility Hubs (Cont'd)

The types of multiplexing arrangements available include the following:

- from higher to lower bandwidth
- from high capacity to voice grade channels

End to end services may be provided on channels of these facilities to a Hub. The transmission performance for the end to end service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity.

The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Additional individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or installed at a later date, at the option of the customer. The customer who orders the High Capacity Service must order all associated individual Access Channelized Services. The customer will be billed for a high capacity Entrance Facility, Direct Trunked Transport, Channel Mileage (when applicable), and the multiplexing arrangements at the time the facility is installed. Additional individual service rates (by service type) will apply for an Entrance Facility for additional Direct Trunked Transport (as required) for each subsequent channelized service. These will be billed to the customer as each individual service is installed.

In addition, Hubbing may be provided at an end office if all the circuits to be multiplexed are on an individual Direct Trunked facility are message and equipment is available.

6.8.15 Shared Use

Shared use occurs when Switched Access Service is provided over analog or digital High Capacity Special Access facility or High Capacity SONET facility through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.4.8 following. (C) | (C)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.16 Reserved

6.8.17 Reserved (C)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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6.8.18 Host/Remote

Direct Trunk Transport (DTT) may be ordered to a host switch. DTT rates will apply to the host switch. For service to a remote switch, tandem fixed and per mile/per MOU rates will apply between the host and remote switches. No tandem switching will apply.

Tandem transport may also be ordered to a host switch. The transport will be measured as tandem fixed and per mile/per MOU from the tandem to the host. Tandem switching will apply. For service to a remote switch, a tandem fixed and per mile/per MOU charge will also apply from the host to the remote subtending the host.

FGA terminating will be measured from the Dial Tone Office to the host and the tandem fixed and per mile/per MOU charge will apply. If the call is made to the remote, another tandem fixed and per mile/per MOU charge will apply from the host to the remote subtending the host. Tandem switching will not apply.

A nonrecurring Remote Translation charge as specified in Section 6.9.1 following will apply for those customer requests which require a unique routing arrangement. This charge will apply per Remote Trunk Group, per occurrence.

Requests for service at remote offices will be accepted where the necessary space and technical capabilities exist.

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.19 Tandem Access Sectorization (TAS)

A. General

Tandem Access Sectorization is a service designed to meet the traffic routing requirements of customers whose traffic is routed through an access tandem. TAS is only available in connection with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, Feature Group B and Feature Group D services from the tandems as specified in Section 14.5. TAS is available to all customers. For customers with multiple POTs, TAS is a method of directing Trunkside BSA-101XXXX Option and Feature Group D traffic via an access tandem to a specific POT designated by the customer. Trunkside BSA - 950 Option and Feature Group B customers with TAS will be able to identify the geographical area from which calls originate. TAS permits customers with multiple POTs within a LATA to balance the call volume within their respective networks. TAS may not be used in conjunction with the Optional Feature Alternate Traffic Routing specified in Section 6.4.1.

B. Tandem Access Sectorization Area (TASA)

The tandem serving area will be subdivided into geographical areas called Tandem Access Sectorization Areas which will be defined by the Telephone Company. Each TASA must be treated as a unit and cannot be subdivided. The TASAs are standard for all customers who purchase TAS. A customer with multiple POTs within the LATA can designate to which POT all of the traffic from a specific TASA will be routed. The customer may also designate on which Trunk Group and to which particular POT all of the traffic from a given TASA will be routed. All of the tandem routed traffic from a TASA can only be delivered to one POT. TASAs are listed in Section 14.4.

C. End Offices

Calls originating from end offices within the TASA that are not routed over direct trunks to a customer POT can be routed via an access tandem over Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, and Feature Group B or D originating trunk groups. If a customer had a direct trunk group to the end office, both direct and tandem routed traffic from that end office could be sent to the same POT or to a different POT as designated by the customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.19 Tandem Access Sectorization (TAS) (Cont'd)

D. Access Tandems

Through the use of incoming trunk class screening in the access tandem, calls originating from a TASA can be identified with that TASA. In the case of a customer with one POT all tandem routed traffic from a TASA can be directed to a specific outgoing trunk group from the tandem to the POT as designated by the customer. A customer with multiple POTs can direct all originating calls from a TASA to a single POT. In addition, all originating traffic from a different TASA could be routed to the same POT or a different POT as designated by the customer. The access tandems may be found in Section 14.5.

6.8.20 Shared Network Arrangement

Each customer entering into a Shared Network Arrangement is solely responsible to the Telephone Company for charges associated with that customer's portion of the shared network. Disconnection of service by the host subscriber does not relieve another user of the network of any obligation to pay access charges associated with the portion of the shared network to which that user subscribes. Billing for services and facilities will continue until a disconnect request from the service user has been received by the Telephone Company. The host subscriber is solely responsible for notifying the connecting service user in the event of disconnection of the host service which affects that portion of the shared network service to which the user has subscribed.

For administrative purposes, one "Arrangement" under the Shared Network Arrangement offering shall be limited to the agreement between one Host Subscriber and one Service User permitting the Service User to connect a specified number of subtending circuits to one specified multiplexer on the Host's service. Agreements between one Host Subscriber and two (or three, etc.) Service Users shall be deemed to comprise two (or three, etc. respectively) separate "Arrangements." However, an agreement to expand the scope of an existing Arrangement by subsequently increasing the number of subtending facilities on the same multiplexed shall not constitute a new or separate "Arrangement".

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.20 Shared Network Arrangement (Cont'd)

A Shared Network Arrangement shall be established between a Host Subscriber and a Service User upon the completion of the service order for the first arrangement. No Shared Network Arrangement shall be deemed to be in effect until at least one subtending facility has been installed for the Service User. A Shared Network Arrangement shall be deemed cancelled when the last subtending facility has been disconnected.

A Processing charge will apply for handling each service order in a Shared Network Arrangement. The Processing Charge is contained in Section 6, and applies in addition to all other applicable rates and charges.

6.8.21 Switched Access Signalling Service (SASS)

A SASS rate element will apply on a per call basis. The per call charge will be assessed to the TSP for each call that is passed to the TSP's network. The SASS is a chargeable option available with Feature Group D service, and all associated Switched Access Feature Group D charges as specified in Section 6.8.1(C) preceding and Section 6.9.1 following will apply.

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.22 DS3 Service Arrangement Term Pricing Plan(TPP)#
(A) Payment Plans and Minimum Periods

Recurring charges for DS3 Services are rated and charged monthly for all commitment plans; Month-to-Month, 3 and 5-year# Term Pricing Plans (TPPs). TPPs are provided with Base Rates as described in Section (B) following and as set forth in Section 6.9.1.1 following. (T)

The minimum service period for DS3 is 12 months.

Additionally, the optional feature, DS3 to DS1 Central Office Multiplexing, is also available on a 3 or 5-year# Term Pricing Plan. When ordered, a 3 or 5-year TPP for the DS3/DS1 multiplexing feature must have the same term period as the associated service, and it is always assigned an expiration date that is coterminous with the associated service.

At the end of a term plan, the customer will not be eligible to receive discounted monthly rates. Non-discounted Month-to-Month rates will apply. (C)

Effective May 30, 2019, orders for new 5-Year DS3 Service Arrangement TPPs are no longer permitted. The Telephone Company will continue to provide 5-Year DS3 Service Arrangement TPPs pursuant to this Section 6.8.22 on any existing 5-Year DS3 Service Arrangement TPP that is in-service as of May 30, 2019, or any order for 5-Year DS3 Service Arrangement TPP that is placed with the Telephone Company prior to May 30, 2019 (collectively, Existing 5-Year DS3 TPPs), subject to the following conditions:

- The Telephone Company will continue to provide Existing 5-Year DS3 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 5-Year DS3 TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

Effective November 15, 2022, orders for new 3-Year DS3 Service Arrangement TPPs are no longer permitted. The Telephone Company will continue to provide 3-Year DS3 Service Arrangement TPPs pursuant to this Section 6.8.22 on any existing 3-Year DS3 Service Arrangement TPP that is in-service as of November 15, 2022, or any order for 3-Year DS3 Service Arrangement TPP that is placed with the Telephone Company prior to November 15, 2022 (collectively, Existing 3-Year DS3 TPPs), subject to the following conditions: (N)

- The Telephone Company will continue to provide Existing 3-Year DS3 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 3-Year DS3 TPP is not permitted.
  Moves and changes are permitted provided that they do not require a new commitment period.

In light of the above, Month-to-Month is the only DS3 TPP that remains available as of November 15, 2022. All references in this tariff to DS3 TPPs other than Month-to-Month are intended as references to any such DS3 TPPs that were grandfathered under the above provisions. Any such references may not be interpreted to mean new DS3 TPPs other than Month-to-Month are available or that expiring DS3 TPPs other than Month-to-Month may be renewed or extended. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP)# (Cont'd)
(A) Payment Plans and Minimum Periods (Cont'd)

Should a customer terminate service prior to completing the minimum period or the plan term period, termination liability may be applicable. Termination liability is assessed on entrance facilities, direct trunked transport fixed and per mile, and multiplexing rate elements. A customer who changes the system configuration (i.e., Optical to Electrical) or disconnects the service will be treated as having terminated the service. (C)

If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 25.1.1 following and subscribes to other services listed in Section 25.1.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 25.1 following.

Service availability limited. Refer to # footnote on Page 6-237.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP)# (Cont'd)

(B) Base Rates

The rates charged under 3-Year and 5-year TPPs are based upon Base Rates as specified in Section 6.9 following. Such rates may change during the commitment period, but in no case will the Base Rate exceed the non-discounted monthly rate for the service. In order to calculate the rates the customer will pay, the following discount percentages are applied to the Base Rates Monthly Rate Per CT for 3-Year and 5-Year TPPs for DS3 Entrance Facility Channel Terminations, Direct Trunked Transport Channel Mileage, and DS3 to DS1 Multiplexing. Discount percentages are not applied to nonrecurring rates.

3-Year#	10%	(T)
5-Year#	35%	

(C) Reserved (C)

(D) (D)

Service availability limited. Refer to # footnote on Page 6-237.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP)# (Cont'd)

(C) TPP Termination Without Liability (Cont'd)

(1) (Cont'd)

For TPPs established prior to December 17, 2019, in the event that the Telephone Company initiates a rate increase and the total discounted monthly rate for the affected service increases by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase. (C)

Service availability limited. Refer to # footnote on Page 6-237.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP)# (Cont'd)
(C) Reserved (C)

(D)

(D)

(D) TPP Termination With Liability - Early Termination Provision

For any DS3 term plan services that are terminated prior to the end of the minimum period, the customer will be liable for 100% of the total monthly charges for the unexpired portion. Total monthly charges are calculated based upon the rate band determined in the last count taken.

DS3 Term Pricing Plans are provided in conjunction with an Early Termination Provision (ETP) agreement.

(1) DS3 Term Pricing Plans established or renewed prior to January 1, 2021

ETP is calculated using either of the following options that provides the customer with the lowest termination liability.

Service availability limited. Refer to # footnote on Page 6-237.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP)# (Cont'd)
(D) TPP Termination With Liability (Cont'd)

(1) DS3 Term Pricing Plans established or renewed prior to January 1, 2021 (Cont'd) (N) (N)

Option I

In addition to the minimum period liability of 100%, the customer will be liable for 15% of the total monthly charges for the remaining portion of the term plan.

Option II

In addition to the minimum period liability of 100%, the following applies:

- Where there is neither a basic Month-to-Month rate nor a TPP period less than the actual time the service has been in effect, Option 1 applies.

- Where there is no TPP period less than the actual time the service has been in effect, the termination liability charge will be the difference between the full basic Month-to-Month rate and the selected TPP monthly rate for the period the plan has been in effect after the minimum period.

- Where there is a TPP period less than the actual time the service has been in effect, the termination liability charge will be the difference between the monthly rate for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rate for the selected commitment period multiplied by the actual number of months the plan has been in effect after the minimum period.

(2) DS3 Term Pricing Plans established or renewed on or after January 1, 2021 (N) |

Termination liability is calculated at fifty percent (50%) of the MRCs for the remainder of the TPP period after the Minimum Period. Termination liability applies in addition to any Minimum Period obligation which may be applicable as specified in Section 5.2.5 preceding. | (N)

Service availability limited. Refer to # footnote on Page 6-237.

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.23 DS1 Term Pricing Plans (TPP)#

(A) Description

DS1 Term Pricing Plans are pricing options available to customers who subscribe to specific longer term commitment periods in exchange for reduced monthly rates. The minimum service period for month-to-month DS1 service is 2 months.

(1) DS1 Term Pricing Plans are available in 2#, 3#, 5#, and 7-year# commitment periods. (T)

(2) Customers have the option of purchasing Entrance Facilities under one plan and Direct Trunked Transport under another plan, or under the month-to-month service plan. TPPs are subject to the following: (C)

- DS1 Term Pricing Plans are applicable to DS1 entrance facilities, direct trunked transport (Fixed and Per Mile), and associated DS1 Multiplexers (DS1 to Voice). The fixed and per mile rate elements and associated multiplexers for a given facility must be included in the same TPP; the entrance facilities and associated multiplexer must also be included in the same plan.

Effective May 30, 2019, orders for new 5 and 7 Year DS1 TPPs are no longer permitted. The Telephone Company will continue to provide 5 and 7 Year DS1 TPPs pursuant to this Section 6.8.23 on any existing 5 or 7 Year DS1 TPP that is in-service as of May 30, 2019, or any order for 5 or 7 Year DS1 TPP that is placed with the Telephone Company prior to May 30, 2019 (collectively, Existing 5 and 7 Year DS1 TPPs), subject to the following conditions:

- The Telephone Company will continue to provide Existing 5 and 7 Year DS1 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 5 and 7 Year DS1 TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

Effective November 15, 2022, orders for new 2 and 3 Year DS1 TPPs are no longer permitted. The Telephone Company will continue to provide 2 and 3 Year DS1 TPPs pursuant to this Section 6.8.23 on any existing 2 or 3 Year DS1 TPP that is in-service as of November 15, 2022, or any order for 2 or 3 Year DS1 TPP that is placed with the Telephone Company prior to November 15, 2022 (collectively, Existing 2 and 3 Year DS1 TPPs), subject to the following conditions: (N)

- The Telephone Company will continue to provide Existing 2 and 3 Year DS1 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 2 and 3 Year DS1 TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

In light of the above, month-to-month DS1 service is the only option that remains available effective as of November 15, 2022. All references in this tariff to DS1 TPPs are intended as references to any such TPPs that were grandfathered under the above provisions. Any such references may not be interpreted to mean new DS1 TPPs are available or that expiring DS1 TPPs may be renewed or extended. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd)
(A) Term Pricing Plans (TPP) Description (Cont'd)

(3) Rates for Term Pricing Plans are detailed in Section 6.9.1. The nonrecurring rates for TPPs are the same as for month-to-month Service. Term Pricing Plans do not include optional features except for associated DS1 multiplexing in the DS1 TPPs. Other optional features are available at month-to-month Service rates.

Term Pricing Plans are not applicable to services in other rate plans.

(4) If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 25.1.1 following and subscribes to other services listed in Section 25.1.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 25.1 following.

(B) TPP Terms and Conditions

(1) When requesting a Term Pricing Plan, the customer must specify the length of the desired commitment period and the services which are to be included in the plan.

(2) When requesting any Term Pricing Plan activity regarding Entrance Facilities, the customer must specify by billing account and circuit identification number which circuits are to be affected.

(3) When ordering Term Pricing Plan services, related rate elements must be ordered under the same plan. For example, both entrance facilities and any DS1 associated multiplexing for a given facility must be in the same plan and have the same service date. Similarly, both rate elements for Direct Trunked Transport, fixed and per mile and any associated DS1 multiplexing, must be in the same plan and have the same service date.

(4) At the end of a TPP commitment period, the DS1 service(s) will be billed at the basic rate. (D)

(5) Termination liability is assessed on entrance facilities, direct trunked transport fixed and per mile, and multiplexing rate elements.

Service availability limited. Refer to # footnote on Page 6-242.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd) (T)

(B) TPP Terms and Conditions

(6) In the event that the Telephone Company initiates a rate increase and the total discounted monthly rate for the affected service increases by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability as set forth in (D) following. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase. (D)

Service availability limited. Refer to # footnote on Page 6-242. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd) (T)

(D)

(C) TPP Termination Liability

(1) A termination liability payment is applicable when a service is disconnected in full or in part prior to the end of the selected commitment period or where the customer fails to comply with the conditions required for a TPP, except as set forth in (D) following.

Service availability limited. Refer to # footnote on Page 6-242. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd) (T)

(C) TPP Termination Liability (Cont'd)

(2) The termination liability payment applies to each entrance facility, direct trunked transport fixed and per mile, and multiplexing recurring rate element which is disconnected prior to the expiration of the commitment period of the Term Pricing Plan.

Service availability limited. Refer to # footnote on Page 6-242. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd)

(C) TPP Termination Liability (Cont'd)

(3) For DS1 TPPs established or renewed prior to January 1, 2021, the termination liability charge is calculated as set forth in (a) or (b) following: when calculating termination liability charges, the Telephone Company will apply the option which provides the customer with the lowest termination liability charge. (C) (C)

(a) Option I

For services discontinued within the first year, the customer will be liable for 100% of the total monthly charges for the unexpired portion of the initial 12 months, and 15% of the total monthly charges for the remainder of the TPP commitment period.

Service availability limited. Refer to # footnote on Page 6-242.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd) (T)

(C) TPP Termination Liability (Cont'd)

(3) (Cont'd)

(a) Option I (Cont'd)

For services discontinued after the first 12 months of a plan, customers will be liable for 15% of the total monthly charges for the remaining portion of their Term Pricing Plan commitment period.

(b) Option II

For services discontinued within the first year and prior to the end of the selected commitment period, the termination liability charge will be the difference between the full month-to-month rates and the TPP monthly rates for the period the plan has been in effect.

For services discontinued after the first 12 months of a plan but prior to the end of the selected commitment period, the following applies:

- Where there is no TPP period less than the actual time the services have been in effect the termination liability charge will be the difference between the full month-to-month rates and the selected TPP monthly rates for the period the plan has been in effect.

- Where there is a TPP period less than the actual time the services have been in effect, the termination liability charge will be the difference between the monthly rates for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rates for the selected commitment period multiplied by the actual number of months the plan has been in effect.

Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd)

(C) TPP Termination Liability (Cont'd)

(3) (Cont'd)

(b) Option II (Cont'd)

For example, if a customer subscribes to a 5-year TPP and disconnects service during the thirty-seventh month, the longest TPP period that could have been satisfied is three years. The customer's termination liability would be calculated as follows: (3-year monthly TPP rate - 5-year monthly TPP X 37 months).

(4) DS1 Term Pricing Plans established or renewed on or after January 1, 2021

Termination liability is calculated at fifty percent (50%) of the MRCs for the remainder of the TPP period after the Minimum Period. Termination liability applies in addition to any Minimum Period obligation which may be applicable as specified in Section 5.2.5 preceding.

(D) TPP Termination Without Liability

(1) In the event that the Telephone Company initiates a rate increase and the total discounted monthly rate for the affected service increases by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase. (D)

(D)

Service availability limited. Refer to # footnote on Page 6-242.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd)

(D)

(D)

(E) Additions to TPPs

Customers with existing Term Pricing Plans who wish to increase the number of their DS1 services must (C)

- Subscribe to the additional services under the month-to-month payment plan.

(D)
(D)

Service availability limited. Refer to # footnote on Page 6-242.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd)

(F) Reserved (C)

(D)

(D)

(G) Plan Availability

Term Pricing Plans are only available in the following Jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

Service availability limited. Refer to # footnote on Page 6-242.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.24 Reserved

6.8.25 IntelliLight Services

(A) General

The Telephone Company's IntelliLight Services are a family of optional Switched Access high capacity services provided using SONET-based technology. IntelliLight Services include the following Switched Access services:

(D)
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(D)

- IntelliLight Entrance Facilities (IEF), as set forth in (C)(5) following

(D)
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(D)

IntelliLight services are designed to meet customer requirements for reliable and survivable networks.

IntelliLight services are provided on SONET facilities. There are no provisions within the SONET standard for asynchronous DS1 to DS3 multiplexing.

Technical specifications are delineated in the following Technical References:

GR-253-CORE, Issue 4
"Synchronous Optical Network (SONET) Transport Systems: Common Generic Criteria"

GR-1374-CORE, Issue 1
“SONET Inter-Carrier Interface Physical Layer Generic Criteria for Carriers”

ANSI T1.105.01-2000 (R2005) "Synchronous Optical Network (SONET) - Basic Description including Multiplex Structure, Rates and Formats"

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(B) Definitions

Add/Drop Multiplexing (ADM): a multiplexing function that allows lower level signals to be added or dropped from an optical carrier channel.

Customer Access Ring (CAR): a survivable fiber ring that is constructed through at least two Central Offices/Wire Centers. CARs utilize unidirectional path-switched ring ADMs, typically operating at OC3 and OC12 rates.

Fiber Path Diversity: the provision of service using at least two fibers placed on physically separate paths, i.e., different conduit runs that do not pass through the same manhole(s). The cable paths are separated by at least 25 feet.

Node: A DSR rate element and a designation of either a customer location or Telephone Company wire center on a SONET ring that has ADM capability. It is also the address of where a channelized (lower speed) service originates or terminates on a ring. Generally, the ring capacity determines the type of node. (T)

Optical Carrier Rate (OC #): a SONET transmission signal/speed, line rate, or service. The rates are in multiples of an OC1, which is equivalent to an STS1 (51.84 Mbps), SONET's basic rate.

OC Rate	Bandwidth Capacity
3	155.52 Mbps
12	622.08 Mbps
48	2.488 Gbps
192	9.952 Gbps

Optical Carrier Rate Concatenated (OC#c): a "clear channel" SONET transmission using only one framing format. Generally, an OC3 signal provides three STS1 frame formats with 3 overheads for a total capacity of 2268 bytes per Synchronous Payload envelope (SPE) frame; in an OC3c signal, one STS3c frame format is used with one overhead, increasing the total payload capacity to 2340 bytes per SPE frame.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(B) Definitions (Cont'd)

OC12/3 (OC12 over 3): a node designation that denotes a ring line rate of OC12, but with port interface capability and capacity equal to OC3. An OC12 DSR could have one, some or all OC12/3 nodes.

OC12+3, OC48+3, OC192+3, OC192+12, and OC192+48: designations for nodes in ring-on-ring designs; the higher speed ADM is part of the true ring, and the lower speed ADM is connected for the purpose of mapping lower speed services onto the STS1s of the OC12, 48, or 192. Both nodes, the lower and higher speed node, of a ring-on-ring arrangement must be located in the same customer premises or wire center.

Port: a DSR rate element that denotes the interface at which a channelized or lower speed service terminates or originates at a DSR node.

SONET (Synchronous Optical NETwork): an international standard for the transmission of high capacity bandwidth over optical facilities. This synchronous transmission platform utilizes a modular multiplexing approach. Because of the large bandwidth, some of the payload is used to monitor, protect, manage and improve the transmission of the signal.

(D)
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(D)

Transmuxing: the function of a DSR DS3 Transmux port that performs a DS3 to DS1 conversion at a DSR Enhanced Node. The DS3 to DS1 conversion allows a single DSR DS3 Transmux port (which includes a DS3 Transmux Facility to which the DS1 circuits are mapped) to be a facility associated with up to twenty-eight (28) VT1.5 mapped DSR DS1 ports. Such DS3 Transmux Facility will be provisioned upon ordering the associated DS1 Transmux port. Transmuxing within the DSR network retains DS1 visibility allowing for full, proactive maintenance capability of the DS1 signals.

Virtual Tributary (VT): A SONET structure designed for transport of sub-STS1 payloads. A DS1 is mapped into the SONET format using a VT1.5 as a packaging mechanism that is internal to the SONET signal.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions

(1) Reserved (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(2) Reserved (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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6. Switched Access Service (Cont'd)

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6.8 Rate Regulations (Cont'd)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(3) Reserved (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(4) Reserved for Future Use (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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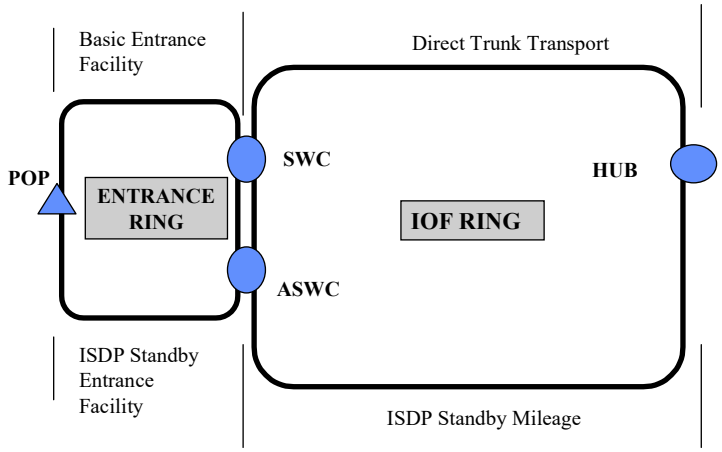

SWC = Serving Wire Center

ASWC = Alternate Serving Wire Center

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

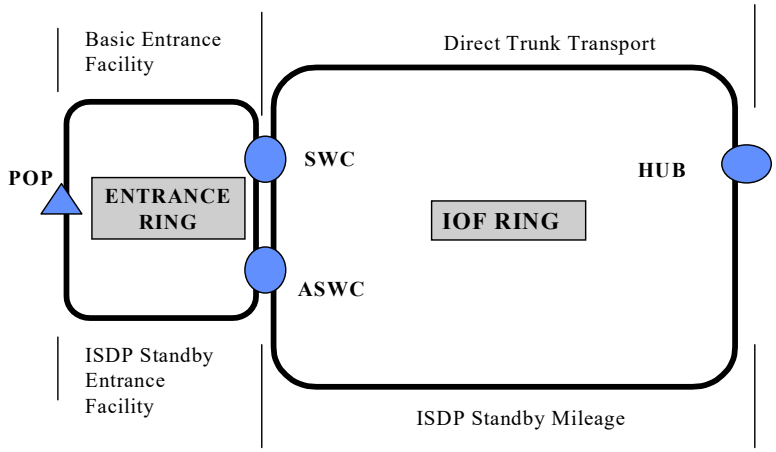
6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(4) IntelliLight Shared Dual Path (Cont'd)

(b) Rates and Charges

The rates for IntelliLight Shared Dual Path as specified in 6.9.1.6 apply per point of termination and are in addition to the Entrance Facility and Direct Trunk Transport rates and charges for the underlying High Capacity service(s). In addition to the ISDP Standby Entrance Facility and Standby Mileage recurring charges, one-time nonrecurring charges also apply for each Entrance Facility. See below:



SWC = Serving Wire Center

ASWC = Alternate Serving Wire Center

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (D)

IntelliLight Entrance Facilities, IEF, provides customers with high capacity access between their premises and their Serving Wire Center over a self-healing SONET ring. The SONET ring will pass through the customer's serving wire center and one other wire center as determined by the Telephone Company. The customer is assured a continuity of communication between the customer premises and the Serving Wire Center (SWC) even if there is a fiber facility failure between the premises and the SWC.

(a) Definitions

Add/Drop Multiplexing, (ADM): a multiplexing function that allows lower level signals to be added or dropped from an optical carrier channel.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(a) Definitions (Cont'd)

(D)

IntelliLight Entrance Facilities, (IEF): an alternative service that enhances channel termination survivability.

Synchronous Optical NETwork, (SONET): an international standard for the transmission of high capacity bandwidth over optical facilities.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(a) Definitions (Cont'd)

Synchronous Transport Signal Level (STS): a 51.84 Mbps signal that is the electrical equivalent of the OC1 or a DS3 with additional Mbps devoted to SONET overhead information. An STS1 can carry a DS3 or 28 DS1s when specifically formatted (Mapped). However, DS1s within a DS3 are not accessible within SONET and their performance cannot be guaranteed for this reason. These DS1s may be accessed off-ring using the DS3 to DS1 multiplexing, a High Capacity optional service. Multiple STS1s, i.e. STS3 and STS12, equal 155.52 and 662.08 Mbps respectively.

Virtual Tributary, (VT): A SONET structure designed for transport of Sub-STS1 payloads. A DS1 is mapped into the SONET format using a VT1.5 as a packaging mechanism that is internal to the SONET signal.

(b) Service Description

IEF is provisioned over a Telephone Company self-healing SONET ring that passes through Telephone Company wire centers and the customer's location. One of the wire centers must be the customer's SWC; the other wire center(s) is chosen by the Telephone Company.

IEF service consists of an IntelliLight Entrance Facility and an Interface when applicable. Technical Specifications for IEF service are the same as for IntelliLight Service; see Section 6.8.25(A).

The IEF Termination is a rate category that provides STS1 bandwidth between the customer's designated premises and the SWC of that premises. It can also be provided in multiples of STS1, i.e. STS3 or STS12.

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(b) Service Description (Cont'd)

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The electrical IEF Interface defines the type of Switched Access service that is to be provided. Two electrical interface types are available: DS3 (44.736 Mbps) and STS1 (51.84 Mbps). If the customer orders a DS3 or STS1 Interface, there will be one Interface per Termination.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(b) Service Description (Cont'd)

Each IEF Termination can be connected to other Switched Access entrance facilities via the Telephone Company's interoffice facilities (IOF). The IOF transport for IEF Terminations are DS3s.

Interoffice mileage, when applicable, will apply at channel mileage rates for the appropriate High Capacity service being transported over the IOF. An IEF Termination with an IEF DS3 Interface is transported in the IOF as DS3 service, and is billed at DS3 channel mileage rates. (D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

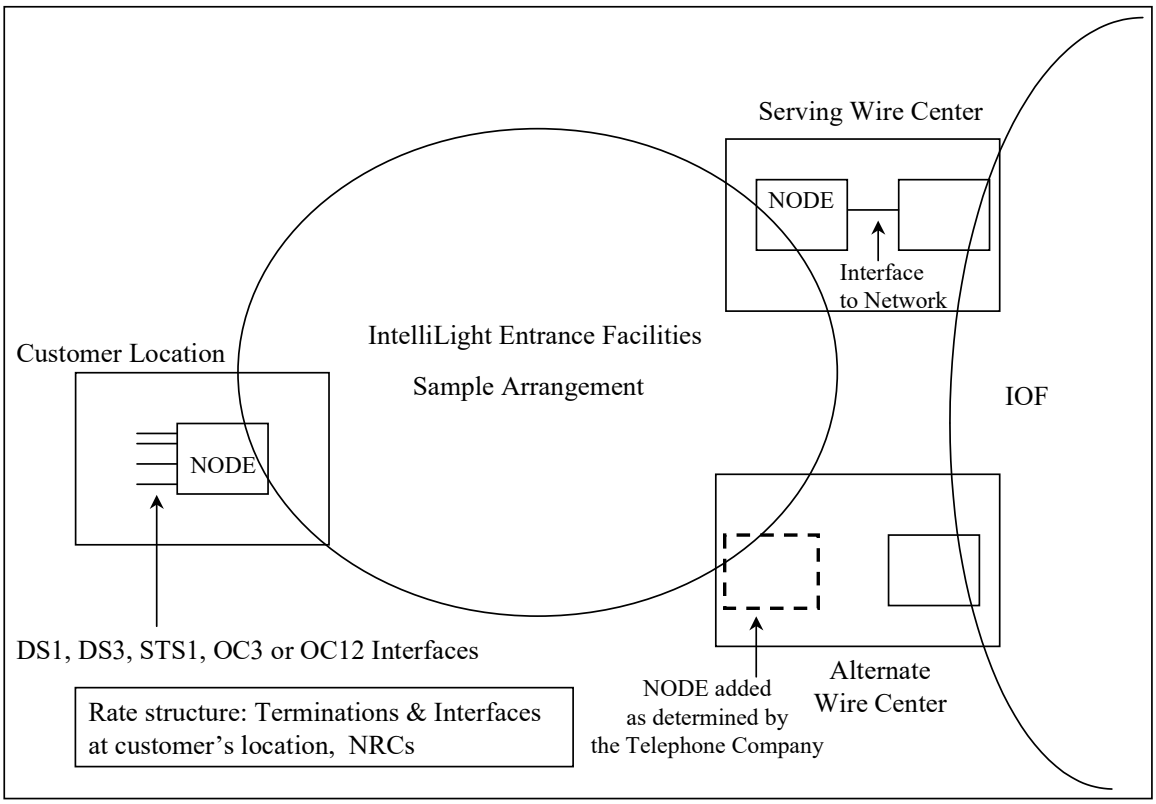
6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(b) Service Description (Cont'd)

An IEF service is shown below:



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(c) Optional Features and Functions

Survivability from the IEF SWC to other network service locations can be obtained through the purchase of service options. An option which enhances survivability through diversity is Alternate Serving Wire Center, ASWC; see High Capacity Service Optional Features and Functions, Section 6.1.2(A)(8).

DS1s multiplexed into a DS3 occurs outside the SONET network, and requires DS3 to DS1 multiplexing at the wire center; see Optional Features in Section 6.1.2(A)(8) preceding.

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.25 IntelliLight Services (Cont'd)
(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd)

(d) Terms and Conditions

IEF is available for 3-year and 5-year# commitment periods.

Once the term period expires, the rate of the expiring selected rate plan will continue until the customer cancels service or requests a new rate plan.

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If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 25.1.1 following and subscribes to other services listed in Section 25.1.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 25.1 following.

The customer may add additional IEF Interfaces and Terminations to an existing IEF service plan. However, in order to add additional Interfaces and Terminations to an existing IEF Service plan, there must be at least 1 year remaining in the term of the commitment plan. IEF plans with less than 1 year remaining in the commitment period will not be eligible for additional Interfaces or Terminations. Where additional Interfaces or Terminations are added subject to the criteria specified preceding, they must remain in service to the end of the commitment period of the IEF service plan to which they are added or termination liability will apply.

Customers who order an STS1 Interface must specify how the signal is mapped, VT1.5 or DS3-mapped (see definitions for Virtual Tributary and SONET).

Effective December 1, 2020, subscriptions to new IEF 5-Year commitment periods are no longer permitted. Subject to Section 1.1 preceding, the Telephone Company will continue to provide IEF 5-Year commitment periods pursuant to this Section 6.8.25(C)(5) on any existing IEF 5-Year commitment period that was in-service as of December 1, 2020, or any order for IEF 5-year commitment period that was placed with the Telephone Company prior to December 1, 2020 (collectively, Existing 5-Year IEF commitment period), subject to the following conditions:

- The Telephone Company will continue to provide Existing 5-Year IEF commitment period for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 5-Year IEF commitment period is not permitted.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(d) Terms and Conditions (Cont'd)

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Asynchronous multiplexing of DS1s into a DS3 occurs outside the SONET network and requires DS3 to DS1 Multiplexing at a Telephone Company Hub at the existing tariff rates.

Synchronous mapping of DS1s as VT1.5s occurs inside the SONET network and requires STS1 to DS1 Multiplexing at the tariffed rates.

Service is available based on negotiated intervals, as described in 5.2.1(B) preceding.

If the customer premises (i.e., interexchange carrier Point of Presence, or end user location) is located in the same building as one of the connecting wire centers, the diversity between the wire center and the customer premises may be limited by the physical paths available to connect the wire center and the premises.

The customer will be billed additional charges for any charges levied the Telephone Company for space and power requirements at the customer’s premises to place ADMs on the Company's side of the network Interface.

IEF service may be used in conjunction with Switched Access High Capacity service option of Alternate Serving Wire Center, ASWC, or detariffed IntelliLight Shared Dual Path, ISDP. (T)

IEF service may also be connected to the following Telephone Company provided services, provided that such connections are technically and operationally feasible, as determined by the Telephone Company:

- point-to-point SONET service
- Ethernet private line service
- dedicated SONET ring service

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd)

(e) Termination Liability

IEF service may be canceled without termination liability when cancellation of the IEF service occurs within thirty (30) days of the date of a Telephone Company initiated rate increase of eight percent (8%) or more on the customer's recurring rates (i.e., if the customer's combined charge for the IEF Termination and its associated Interface(s) should increase).

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Termination liability will not apply if the customer meets the requirements for portability. Portability is the replacement of an IEF Termination with another for the balance of the commitment period. Portability requirements are as follows:

- The replacement Termination must not already be in a term plan.
- The orders to accomplish the replacement are placed with the Telephone Company at the same time with the due dates within 90 days of each other, and are related by a related purchase order number.
- The aggregate interface bandwidth associated with the Termination replacement are equal to or greater than the disconnected service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(e) Termination Liability (Cont'd)

- The service may be moved to another location in the Telephone Company region, provided the service was maintained in the initial location for one year.

- The replacement service is subject to applicable nonrecurring charges.

Other than these above exceptions, a customer must fulfill his term plan for the entire capacity, or be subject to termination liability for that portion of capacity that was not in place the entire term. In addition to the one year minimum period on services subsequently added, termination liability is calculated as follows:

If a customer disconnects service during the first year, termination liability will be calculated at 100% of the monthly charges for the unexpired portion of the first year, and at 15% of the remainder of the term. If the disconnection takes place after the first year, termination liability is calculated at 15% of the monthly charges for the remainder of the term.

(f) Conversions

Customers who wish to convert existing High Capacity Switched Access facilities to IEF may do so without termination liability as long as the total capacity of Switched Access service at their premises does not decrease. A new contract period is begun with the conversion; no credit is given for time-in-service on the new term plan. Applicable nonrecurring charges for new installations, rearrangements, or moves will apply.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(g) Deployment

Service is provided where SONET facilities and bandwidth are available that can provide the requested interface. (D)

(h) Rate Regulations

(1) Monthly rates, as set forth in Section 6.9.1.2(A) following, apply to IEF Terminations. The monthly rates are differentiated by the term plan and IEF Interface selected by the customer. Nonrecurring charges, as set forth in Section 6.9.1.2(C) following, apply to initial and subsequent installations of IEF Terminations.

(2) Additionally, the monthly rates for IEF Terminations apply on a tapered schedule as set forth in Section 6.9.1.2(A) following. The monthly rate to be billed for each IEF Termination is based on the total number of IEF Terminations that are in-service on the bill date of each month, and applies on a per customer designated premises and per Billing Account Number (BAN) basis. To determine the total number of IEF Terminations for the bill period, the Telephone Company will count (i) all IEF Terminations; and (ii) all Telephone Company provided SONET entrance facilities that are provided in connection with a Telephone Company provided point-to-point SONET service or ethernet private line service that terminate at such customer designated premises, inclusive of all such IEF Terminations and SONET entrance facilities that are in service and billed under the same BAN.

(3) For example, a customer purchases five (5) IEFs that are in-service at three (3) different customer designated premises, with the 5 IEFs being billed under two (2) different BANs.

(a) The first customer designated premises has two (2) IEFs, one with fifteen (15) in-service STS1 IEF Terminations and the other with five (5) in-service STS1 IEF Terminations for a total of twenty (20) STS1 IEF Terminations. Both IEFs are billed under the same BAN. The monthly rate to be billed for each IEF Termination in the 2 IEFs at the first customer designated premises is the monthly rate shown for 20 STS1 IEF Terminations. Monthly rates for STS1 IEF Terminations are set forth in Section 6.9.1.2(A) following and apply in accordance with Section 14.7 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(h) Rate Regulations (Cont'd)

(3) (Cont'd)

(b) The second customer designated premises has two (2) IEFs, one with twenty (20) in-service STS1 IEF Terminations and the other with twenty-two (22) in-service STS1 IEF Terminations, for a total of forty-two (42) STS1 IEF Terminations. Each IEF at the second customer designated premises is billed under a separate BAN. The monthly rate to be billed for the IEF with 20 STS1 Terminations is the monthly rate shown for 20 STS1 IEF Terminations. The monthly rate to be billed for the IEF with 22 STS1 Terminations is the monthly rate shown for 22 STS1 IEF Terminations. Monthly rates for STS1 IEF Terminations are set forth in Section 6.9.1.2(A) following and apply in accordance with Section 14.7 following.

(c) The third customer designated premises has one (1) IEF with nine (9) in-service STS1 IEF Terminations billed under the same BAN. The monthly rate to be billed for each such IEF Termination is the monthly rate shown for 9 STS1 IEF Terminations. Monthly rates for STS1 IEF Terminations are set forth in Section 6.9.1.2(A) following and apply in accordance with Section 14.7 following.

(4) Monthly rates for electrical IEF Interfaces are set forth in Section 6.9.1.2(B) following and apply in accordance with Section 14.7 following. When a customer orders an IEF with an STS1 IEF Termination and an electrical interface, both the monthly rate for the electrical IEF Interface (as set forth in Section 6.9.1.2(B) following) and the monthly rate for the STS1 Termination (as set forth in Section 6.9.1.2(A) following) apply. The monthly rates are differentiated by the term plan selected by the customer. Nonrecurring charges as set forth in Section 6.9.1.2(C) following apply to each electrical IEF Interface installed.

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ACCESS SERVICE

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

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges

6.9.1 Switched Transport

(A) Entrance Facilities

	USOC	Monthly Rates	Nonrecurring Charges First	Nonrecurring Charges Additional	
(1) Voice Grade					
- Per Point of Termination					
Two-wire					
Rate Zone 1	EFG2X (T)	$14.00			(R)
Rate Zone 2	EFG2X (T)	14.00			|
Rate Zone 3	EFG2X (T)	14.00			(R)
Price Band 4	EFG2X (T)	28.70			
Price Band 5	EFG2X (T)	28.70			
Price Band 6	EFG2X (T)	28.70			
Four-wire					
Rate Zone 1	EFG4X (T)	26.02			(R)
Rate Zone 2	EFG4X (T)	26.02			|
Rate Zone 3	EFG4X (T)	26.02			(R)
Price Band 4	EFG4X (T)	53.00			
Price Band 5	EFG4X (T)	53.00			
Price Band 6	EFG4X (T)	53.00			
- Per Point of Termination					
Two-wire					
Installation/Change					
Rate Zone 1	EFG2X (T)		$1.00	$1.00	
Rate Zone 2	EFG2X (T)		1.00	1.00	
Rate Zone 3	EFG2X (T)		1.00	1.00	
Price Band 4	EFG2X (T)		1.00	1.00	
Price Band 5	EFG2X (T)		1.00	1.00	
Price Band 6	EFG2X (T)		1.00	1.00	
Rearrangement					
Rate Zone 1	NRBOY		.90	.60	
Rate Zone 2	NRBOY		.90	.60	
Rate Zone 3	NRBOY		.90	.60	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

	USOC	Monthly Rates	Nonrecurring Charges First	Nonrecurring Charges Additional	
(1) Voice Grade (Cont'd)					
- Per Point of Termination (Cont'd)					
Four-wire Installation/Change					
Rate Zone 1	EFG4X		$1.00	$.75	(D)
Rate Zone 2	EFG4X		1.00	.75	|
Rate Zone 3	EFG4X		1.00	.75	|
Price Band 4	EFG4X		1.00	.75	|
Price Band 5	EFG4X		1.00	.75	|
Price Band 6	EFG4X		1.00	.75	(D)
Rearrangement					
Rate Zone 1	NRBOZ		.90	.60	
Rate Zone 2	NRBOZ		.90	.60	
Rate Zone 3	NRBOZ		.90	.60	
(2) DS1					
- Per Point of Termination					
Rate Zone 1	EFGDX	$190.00			(D)
Rate Zone 2	EFGDX	190.00			|
Rate Zone 3	EFGDX	190.00			|
Price Band 4	EFGDX	190.00			|
Price Band 5	EFGDX	190.00			|
Price Band 6	EFGDX	190.00			(D)
Installation/Change					
Rate Zone 1	EFGDX		355.00	220.00	(D)
Rate Zone 2	EFGDX		355.00	220.00	|
Rate Zone 3	EFGDX		355.00	220.00	|
Price Band 4	EFGDX		355.00	220.00	|
Price Band 5	EFGDX		355.00	220.00	|
Price Band 6	EFGDX		355.00	220.00	(D)
Rearrangement					
Rate Zone 1	NRBOZ		.90	.60	
Rate Zone 2	NRBOZ		.90	.60	
Rate Zone 3	NRBOZ		.90	.60	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3
- Per point of termination
(a) Electrical Interface

Rate Zone 1, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFAX	$2,310.00	$1.00	(D)
2	TYFAX	2,100.00	1.00	|
3	TYFAX	1,650.00	1.00	|
4	TYFAX	1,550.00	1.00	|
5	TYFAX	1,500.00	1.00	|
6	TYFAX	1,450.00	1.00	|
7	TYFAX	1,400.00	1.00	|
8	TYFAX	1,350.00	1.00	|
9	TYFAX	1,300.00	1.00	|
10	TYFAX	1,250.00	1.00	|
11	TYFAX	1,200.00	1.00	|
12	TYFAX	1,090.00	1.00	|
13	TYFAX	1,260.00	1.00	|
14	TYFAX	1,240.00	1.00	|
15	TYFAX	1,230.00	1.00	|
16	TYFAX	1,220.00	1.00	|
17	TYFAX	1,200.00	1.00	|
18	TYFAX	1,190.00	1.00	|
19	TYFAX	1,175.00	1.00	|
20	TYFAX	1,150.00	1.00	|
21	TYFAX	1,140.00	1.00	|
22	TYFAX	1,120.00	1.00	|
23	TYFAX	1,105.00	1.00	|
24	TYFAX	1,101.00	1.00	|
25 and Over	TYFAX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(a) Electrical Interface (Cont'd)

Rate Zone 2, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFAX	$2,310.00	$1.00	(D)
2	TYFAX	2,100.00	1.00	|
3	TYFAX	1,650.00	1.00	|
4	TYFAX	1,550.00	1.00	|
5	TYFAX	1,500.00	1.00	|
6	TYFAX	1,450.00	1.00	|
7	TYFAX	1,400.00	1.00	|
8	TYFAX	1,350.00	1.00	|
9	TYFAX	1,300.00	1.00	|
10	TYFAX	1,250.00	1.00	|
11	TYFAX	1,200.00	1.00	|
12	TYFAX	1,090.00	1.00	|
13	TYFAX	1,260.00	1.00	|
14	TYFAX	1,240.00	1.00	|
15	TYFAX	1,230.00	1.00	|
16	TYFAX	1,220.00	1.00	|
17	TYFAX	1,200.00	1.00	|
18	TYFAX	1,190.00	1.00	|
19	TYFAX	1,175.00	1.00	|
20	TYFAX	1,150.00	1.00	|
21	TYFAX	1,140.00	1.00	|
22	TYFAX	1,120.00	1.00	|
23	TYFAX	1,105.00	1.00	|
24	TYFAX	1,101.00	1.00	|
25 and Over	TYFAX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(a) Electrical Interface (Cont'd)

Rate Zone 3, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFAX	$2,310.00	$1.00	(D)
2	TYFAX	2,100.00	1.00	|
3	TYFAX	1,650.00	1.00	|
4	TYFAX	1,550.00	1.00	|
5	TYFAX	1,500.00	1.00	|
6	TYFAX	1,450.00	1.00	|
7	TYFAX	1,400.00	1.00	|
8	TYFAX	1,350.00	1.00	|
9	TYFAX	1,300.00	1.00	|
10	TYFAX	1,250.00	1.00	|
11	TYFAX	1,200.00	1.00	|
12	TYFAX	1,090.00	1.00	|
13	TYFAX	1,260.00	1.00	|
14	TYFAX	1,240.00	1.00	|
15	TYFAX	1,230.00	1.00	|
16	TYFAX	1,220.00	1.00	|
17	TYFAX	1,200.00	1.00	|
18	TYFAX	1,190.00	1.00	|
19	TYFAX	1,175.00	1.00	|
20	TYFAX	1,150.00	1.00	|
21	TYFAX	1,140.00	1.00	|
22	TYFAX	1,120.00	1.00	|
23	TYFAX	1,105.00	1.00	|
24	TYFAX	1,101.00	1.00	|
25 and Over	TYFAX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 4, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFAX	$2,310.00	$1.00	(D)
2	TYFAX	2,100.00	1.00	|
3	TYFAX	1,650.00	1.00	|
4	TYFAX	1,550.00	1.00	|
5	TYFAX	1,500.00	1.00	|
6	TYFAX	1,450.00	1.00	|
7	TYFAX	1,400.00	1.00	|
8	TYFAX	1,350.00	1.00	|
9	TYFAX	1,300.00	1.00	|
10	TYFAX	1,250.00	1.00	|
11	TYFAX	1,200.00	1.00	|
12	TYFAX	1,090.00	1.00	|
13	TYFAX	1,260.00	1.00	|
14	TYFAX	1,240.00	1.00	|
15	TYFAX	1,230.00	1.00	|
16	TYFAX	1,220.00	1.00	|
17	TYFAX	1,200.00	1.00	|
18	TYFAX	1,190.00	1.00	|
19	TYFAX	1,175.00	1.00	|
20	TYFAX	1,150.00	1.00	|
21	TYFAX	1,140.00	1.00	|
22	TYFAX	1,120.00	1.00	|
23	TYFAX	1,105.00	1.00	|
24	TYFAX	1,101.00	1.00	|
25 and Over	TYFAX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 5, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFAX	$2,310.00	$1.00	(D)
2	TYFAX	2,100.00	1.00	|
3	TYFAX	1,650.00	1.00	|
4	TYFAX	1,550.00	1.00	|
5	TYFAX	1,500.00	1.00	|
6	TYFAX	1,450.00	1.00	|
7	TYFAX	1,400.00	1.00	|
8	TYFAX	1,350.00	1.00	|
9	TYFAX	1,300.00	1.00	|
10	TYFAX	1,250.00	1.00	|
11	TYFAX	1,200.00	1.00	|
12	TYFAX	1,090.00	1.00	|
13	TYFAX	1,260.00	1.00	|
14	TYFAX	1,240.00	1.00	|
15	TYFAX	1,230.00	1.00	|
16	TYFAX	1,220.00	1.00	|
17	TYFAX	1,200.00	1.00	|
18	TYFAX	1,190.00	1.00	|
19	TYFAX	1,175.00	1.00	|
20	TYFAX	1,150.00	1.00	|
21	TYFAX	1,140.00	1.00	|
22	TYFAX	1,120.00	1.00	|
23	TYFAX	1,105.00	1.00	|
24	TYFAX	1,101.00	1.00	|
25 and Over	TYFAX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 6, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFAX	$2,310.00	$1.00	(D)
2	TYFAX	2,100.00	1.00	|
3	TYFAX	1,650.00	1.00	|
4	TYFAX	1,550.00	1.00	|
5	TYFAX	1,500.00	1.00	|
6	TYFAX	1,450.00	1.00	|
7	TYFAX	1,400.00	1.00	|
8	TYFAX	1,350.00	1.00	|
9	TYFAX	1,300.00	1.00	|
10	TYFAX	1,250.00	1.00	|
11	TYFAX	1,200.00	1.00	|
12	TYFAX	1,090.00	1.00	|
13	TYFAX	1,260.00	1.00	|
14	TYFAX	1,240.00	1.00	|
15	TYFAX	1,230.00	1.00	|
16	TYFAX	1,220.00	1.00	|
17	TYFAX	1,200.00	1.00	|
18	TYFAX	1,190.00	1.00	|
19	TYFAX	1,175.00	1.00	|
20	TYFAX	1,150.00	1.00	|
21	TYFAX	1,140.00	1.00	|
22	TYFAX	1,120.00	1.00	|
23	TYFAX	1,105.00	1.00	|
24	TYFAX	1,101.00	1.00	|
25 and Over	TYFAX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3
- Per point of termination
(a) Electrical Interface

Rate Zone 1, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFBX	$2,310.00	$1.00	(D)
2	TYFBX	2,100.00	1.00	|
3	TYFBX	1,650.00	1.00	|
4	TYFBX	1,550.00	1.00	|
5	TYFBX	1,500.00	1.00	|
6	TYFBX	1,450.00	1.00	|
7	TYFBX	1,400.00	1.00	|
8	TYFBX	1,350.00	1.00	|
9	TYFBX	1,300.00	1.00	|
10	TYFBX	1,250.00	1.00	|
11	TYFBX	1,200.00	1.00	|
12	TYFBX	1,090.00	1.00	|
13	TYFBX	1,260.00	1.00	|
14	TYFBX	1,240.00	1.00	|
15	TYFBX	1,230.00	1.00	|
16	TYFBX	1,220.00	1.00	|
17	TYFBX	1,200.00	1.00	|
18	TYFBX	1,190.00	1.00	|
19	TYFBX	1,175.00	1.00	|
20	TYFBX	1,150.00	1.00	|
21	TYFBX	1,140.00	1.00	|
22	TYFBX	1,120.00	1.00	|
23	TYFBX	1,105.00	1.00	|
24	TYFBX	1,101.00	1.00	|
25 and Over	TYFBX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(a) Electrical Interface (Cont'd)

Rate Zone 2, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFBX	$2,310.00	$1.00	(D)
2	TYFBX	2,100.00	1.00	|
3	TYFBX	1,650.00	1.00	|
4	TYFBX	1,550.00	1.00	|
5	TYFBX	1,500.00	1.00	|
6	TYFBX	1,450.00	1.00	|
7	TYFBX	1,400.00	1.00	|
8	TYFBX	1,350.00	1.00	|
9	TYFBX	1,300.00	1.00	|
10	TYFBX	1,250.00	1.00	|
11	TYFBX	1,200.00	1.00	|
12	TYFBX	1,090.00	1.00	|
13	TYFBX	1,260.00	1.00	|
14	TYFBX	1,240.00	1.00	|
15	TYFBX	1,230.00	1.00	|
16	TYFBX	1,220.00	1.00	|
17	TYFBX	1,200.00	1.00	|
18	TYFBX	1,190.00	1.00	|
19	TYFBX	1,175.00	1.00	|
20	TYFBX	1,150.00	1.00	|
21	TYFBX	1,140.00	1.00	|
22	TYFBX	1,120.00	1.00	|
23	TYFBX	1,105.00	1.00	|
24	TYFBX	1,101.00	1.00	|
25 and Over	TYFBX	1,100.00	1.00	(D)

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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(a) Electrical Interface (Cont'd)

Rate Zone 3, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFBX	$2,310.00	$1.00	(D)
2	TYFBX	2,100.00	1.00	|
3	TYFBX	1,650.00	1.00	|
4	TYFBX	1,550.00	1.00	|
5	TYFBX	1,500.00	1.00	|
6	TYFBX	1,450.00	1.00	|
7	TYFBX	1,400.00	1.00	|
8	TYFBX	1,350.00	1.00	|
9	TYFBX	1,300.00	1.00	|
10	TYFBX	1,250.00	1.00	|
11	TYFBX	1,200.00	1.00	|
12	TYFBX	1,090.00	1.00	|
13	TYFBX	1,260.00	1.00	|
14	TYFBX	1,240.00	1.00	|
15	TYFBX	1,230.00	1.00	|
16	TYFBX	1,220.00	1.00	|
17	TYFBX	1,200.00	1.00	|
18	TYFBX	1,190.00	1.00	|
19	TYFBX	1,175.00	1.00	|
20	TYFBX	1,150.00	1.00	|
21	TYFBX	1,140.00	1.00	|
22	TYFBX	1,120.00	1.00	|
23	TYFBX	1,105.00	1.00	|
24	TYFBX	1,101.00	1.00	|
25 and Over	TYFBX	1,100.00	1.00	(D)

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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 4, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFBX	$2,310.00	$1.00	(D)
2	TYFBX	2,100.00	1.00	|
3	TYFBX	1,650.00	1.00	|
4	TYFBX	1,550.00	1.00	|
5	TYFBX	1,500.00	1.00	|
6	TYFBX	1,450.00	1.00	|
7	TYFBX	1,400.00	1.00	|
8	TYFBX	1,350.00	1.00	|
9	TYFBX	1,300.00	1.00	|
10	TYFBX	1,250.00	1.00	|
11	TYFBX	1,200.00	1.00	|
12	TYFBX	1,090.00	1.00	|
13	TYFBX	1,260.00	1.00	|
14	TYFBX	1,240.00	1.00	|
15	TYFBX	1,230.00	1.00	|
16	TYFBX	1,220.00	1.00	|
17	TYFBX	1,200.00	1.00	|
18	TYFBX	1,190.00	1.00	|
19	TYFBX	1,175.00	1.00	|
20	TYFBX	1,150.00	1.00	|
21	TYFBX	1,140.00	1.00	|
22	TYFBX	1,120.00	1.00	|
23	TYFBX	1,105.00	1.00	|
24	TYFBX	1,101.00	1.00	|
25 and Over	TYFBX	1,100.00	1.00	(D)

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 5, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFBX	$2,310.00	$1.00	(D)
2	TYFBX	2,100.00	1.00	|
3	TYFBX	1,650.00	1.00	|
4	TYFBX	1,550.00	1.00	|
5	TYFBX	1,500.00	1.00	|
6	TYFBX	1,450.00	1.00	|
7	TYFBX	1,400.00	1.00	|
8	TYFBX	1,350.00	1.00	|
9	TYFBX	1,300.00	1.00	|
10	TYFBX	1,250.00	1.00	|
11	TYFBX	1,200.00	1.00	|
12	TYFBX	1,090.00	1.00	|
13	TYFBX	1,260.00	1.00	|
14	TYFBX	1,240.00	1.00	|
15	TYFBX	1,230.00	1.00	|
16	TYFBX	1,220.00	1.00	|
17	TYFBX	1,200.00	1.00	|
18	TYFBX	1,190.00	1.00	|
19	TYFBX	1,175.00	1.00	|
20	TYFBX	1,150.00	1.00	|
21	TYFBX	1,140.00	1.00	|
22	TYFBX	1,120.00	1.00	|
23	TYFBX	1,105.00	1.00	|
24	TYFBX	1,101.00	1.00	|
25 and Over	TYFBX	1,100.00	1.00	(D)

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 6, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFBX	$2,310.00	$1.00	(D)
2	TYFBX	2,100.00	1.00	|
3	TYFBX	1,650.00	1.00	|
4	TYFBX	1,550.00	1.00	|
5	TYFBX	1,500.00	1.00	|
6	TYFBX	1,450.00	1.00	|
7	TYFBX	1,400.00	1.00	|
8	TYFBX	1,350.00	1.00	|
9	TYFBX	1,300.00	1.00	|
10	TYFBX	1,250.00	1.00	|
11	TYFBX	1,200.00	1.00	|
12	TYFBX	1,090.00	1.00	|
13	TYFBX	1,260.00	1.00	|
14	TYFBX	1,240.00	1.00	|
15	TYFBX	1,230.00	1.00	|
16	TYFBX	1,220.00	1.00	|
17	TYFBX	1,200.00	1.00	|
18	TYFBX	1,190.00	1.00	|
19	TYFBX	1,175.00	1.00	|
20	TYFBX	1,150.00	1.00	|
21	TYFBX	1,140.00	1.00	|
22	TYFBX	1,120.00	1.00	|
23	TYFBX	1,105.00	1.00	|
24	TYFBX	1,101.00	1.00	|
25 and Over	TYFBX	1,100.00	1.00	(D)

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(b) Optical Interface

Rate Zone 1, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2CX	$2,310.00(R)	$1.00
2	EF2CX	2,100.00(R)	1.00
3	EF2CX	1,650.00(R)	1.00
4	EF2CX	1,550.00(R)	1.00
5	EF2CX	1,500.00(R)	1.00
6	EF2CX	1,450.00(R)	1.00
7	EF2CX	1,400.00(R)	1.00
8	EF2CX	1,350.00	1.00
9	EF2CX	1,300.00	1.00
10	EF2CX	1,250.00	1.00
11	EF2CX	1,200.00	1.00
12	EF2CX	1,090.00	1.00
13	EF2CX	1,260.00(R)	1.00
14	EF2CX	1,240.00(R)	1.00
15	EF2CX	1,230.00(R)	1.00
16	EF2CX	1,220.00(R)	1.00
17	EF2CX	1,200.00(R)	1.00
18	EF2CX	1,190.00	1.00
19	EF2CX	1,175.00	1.00
20	EF2CX	1,150.00	1.00
21	EF2CX	1,140.00	1.00
22	EF2CX	1,120.00	1.00
23	EF2CX	1,105.00	1.00
24	EF2CX	1,101.00	1.00
25 and Over	EF2CX	1,100.00(R)	1.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(b) Optical Interface (Cont'd)

Rate Zone 2, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2CX	$2,310.00(R)	$1.00
2	EF2CX	2,100.00(R)	1.00
3	EF2CX	1,650.00(R)	1.00
4	EF2CX	1,550.00(R)	1.00
5	EF2CX	1,500.00(R)	1.00
6	EF2CX	1,450.00(R)	1.00
7	EF2CX	1,400.00(R)	1.00
8	EF2CX	1,350.00(R)	1.00
9	EF2CX	1,300.00(R)	1.00
10	EF2CX	1,250.00(R)	1.00
11	EF2CX	1,200.00(R)	1.00
12	EF2CX	1,090.00(R)	1.00
13	EF2CX	1,260.00(R)	1.00
14	EF2CX	1,240.00(R)	1.00
15	EF2CX	1,230.00(R)	1.00
16	EF2CX	1,220.00(R)	1.00
17	EF2CX	1,200.00(R)	1.00
18	EF2CX	1,190.00(R)	1.00
19	EF2CX	1,175.00(R)	1.00
20	EF2CX	1,150.00(R)	1.00
21	EF2CX	1,140.00(R)	1.00
22	EF2CX	1,120.00(R)	1.00
23	EF2CX	1,105.00(R)	1.00
24	EF2CX	1,101.00(R)	1.00
25 and Over	EF2CX	1,100.00(R)	1.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(b) Optical Interface (Cont'd)

Rate Zone 3, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2CX	$2,310.00(R)	$1.00
2	EF2CX	2,100.00(R)	1.00
3	EF2CX	1,650.00(R)	1.00
4	EF2CX	1,550.00(R)	1.00
5	EF2CX	1,500.00(R)	1.00
6	EF2CX	1,450.00(R)	1.00
7	EF2CX	1,400.00(R)	1.00
8	EF2CX	1,350.00(R)	1.00
9	EF2CX	1,300.00(R)	1.00
10	EF2CX	1,250.00(R)	1.00
11	EF2CX	1,200.00(R)	1.00
12	EF2CX	1,090.00(R)	1.00
13	EF2CX	1,260.00(R)	1.00
14	EF2CX	1,240.00(R)	1.00
15	EF2CX	1,230.00(R)	1.00
16	EF2CX	1,220.00(R)	1.00
17	EF2CX	1,200.00(R)	1.00
18	EF2CX	1,190.00(R)	1.00
19	EF2CX	1,175.00(R)	1.00
20	EF2CX	1,150.00(R)	1.00
21	EF2CX	1,140.00(R)	1.00
22	EF2CX	1,120.00(R)	1.00
23	EF2CX	1,105.00(R)	1.00
24	EF2CX	1,101.00(R)	1.00
25 and Over	EF2CX	1,100.00(R)	1.00

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 4, Month-to-Month (N)

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	EF2CX	$2,310.00	$1.00	
2	EF2CX	2,100.00	1.00	
3	EF2CX	1,650.00	1.00	
4	EF2CX	1,550.00	1.00	
5	EF2CX	1,500.00	1.00	
6	EF2CX	1,450.00	1.00	
7	EF2CX	1,400.00	1.00	
8	EF2CX	1,350.00	1.00	
9	EF2CX	1,300.00	1.00	
10	EF2CX	1,250.00	1.00	
11	EF2CX	1,200.00	1.00	
12	EF2CX	1,090.00	1.00	
13	EF2CX	1,260.00	1.00	
14	EF2CX	1,240.00	1.00	
15	EF2CX	1,230.00	1.00	
16	EF2CX	1,220.00	1.00	
17	EF2CX	1,200.00	1.00	
18	EF2CX	1,190.00	1.00	
19	EF2CX	1,175.00	1.00	
20	EF2CX	1,150.00	1.00	
21	EF2CX	1,140.00	1.00	
22	EF2CX	1,120.00	1.00	
23	EF2CX	1,105.00	1.00	
24	EF2CX	1,101.00	1.00	
25 and Over	EF2CX	1,100.00	1.00	(N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 5, Month-to-Month (N)

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	EF2CX	$2,310.00	$1.00	
2	EF2CX	2,100.00	1.00	
3	EF2CX	1,650.00	1.00	
4	EF2CX	1,550.00	1.00	
5	EF2CX	1,500.00	1.00	
6	EF2CX	1,450.00	1.00	
7	EF2CX	1,400.00	1.00	
8	EF2CX	1,350.00	1.00	
9	EF2CX	1,300.00	1.00	
10	EF2CX	1,250.00	1.00	
11	EF2CX	1,200.00	1.00	
12	EF2CX	1,090.00	1.00	
13	EF2CX	1,260.00	1.00	
14	EF2CX	1,240.00	1.00	
15	EF2CX	1,230.00	1.00	
16	EF2CX	1,220.00	1.00	
17	EF2CX	1,200.00	1.00	
18	EF2CX	1,190.00	1.00	
19	EF2CX	1,175.00	1.00	
20	EF2CX	1,150.00	1.00	
21	EF2CX	1,140.00	1.00	
22	EF2CX	1,120.00	1.00	
23	EF2CX	1,105.00	1.00	
24	EF2CX	1,101.00	1.00	
25 and Over	EF2CX	1,100.00	1.00	(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 6, Month-to-Month (N)

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	EF2CX	$2,310.00	$1.00	
2	EF2CX	2,100.00	1.00	
3	EF2CX	1,650.00	1.00	
4	EF2CX	1,550.00	1.00	
5	EF2CX	1,500.00	1.00	
6	EF2CX	1,450.00	1.00	
7	EF2CX	1,400.00	1.00	
8	EF2CX	1,350.00	1.00	
9	EF2CX	1,300.00	1.00	
10	EF2CX	1,250.00	1.00	
11	EF2CX	1,200.00	1.00	
12	EF2CX	1,090.00	1.00	
13	EF2CX	1,260.00	1.00	
14	EF2CX	1,240.00	1.00	
15	EF2CX	1,230.00	1.00	
16	EF2CX	1,220.00	1.00	
17	EF2CX	1,200.00	1.00	
18	EF2CX	1,190.00	1.00	
19	EF2CX	1,175.00	1.00	
20	EF2CX	1,150.00	1.00	
21	EF2CX	1,140.00	1.00	
22	EF2CX	1,120.00	1.00	
23	EF2CX	1,105.00	1.00	
24	EF2CX	1,101.00	1.00	
25 and Over	EF2CX	1,100.00	1.00	(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(b) Optical Interface

Rate Zone 1, Base Rate

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2TX	$2,310.00(R)	$1.00
2	EF2TX	2,100.00(R)	1.00
3	EF2TX	1,650.00(R)	1.00
4	EF2TX	1,550.00(R)	1.00
5	EF2TX	1,500.00(R)	1.00
6	EF2TX	1,450.00(R)	1.00
7	EF2TX	1,400.00(R)	1.00
8	EF2TX	1,350.00	1.00
9	EF2TX	1,300.00	1.00
10	EF2TX	1,250.00	1.00
11	EF2TX	1,200.00	1.00
12	EF2TX	1,090.00	1.00
13	EF2TX	1,260.00(R)	1.00
14	EF2TX	1,240.00(R)	1.00
15	EF2TX	1,230.00(R)	1.00
16	EF2TX	1,220.00(R)	1.00
17	EF2TX	1,200.00(R)	1.00
18	EF2TX	1,190.00	1.00
19	EF2TX	1,175.00	1.00
20	EF2TX	1,150.00	1.00
21	EF2TX	1,140.00	1.00
22	EF2TX	1,120.00	1.00
23	EF2TX	1,105.00	1.00
24	EF2TX	1,101.00	1.00
25 and Over	EF2TX	1,100.00(R)	1.00

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(b) Optical Interface (Cont'd)

Rate Zone 2, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2TX	$2,310.00(R)	$1.00
2	EF2TX	2,100.00(R)	1.00
3	EF2TX	1,650.00(R)	1.00
4	EF2TX	1,550.00(R)	1.00
5	EF2TX	1,500.00(R)	1.00
6	EF2TX	1,450.00(R)	1.00
7	EF2TX	1,400.00(R)	1.00
8	EF2TX	1,350.00(R)	1.00
9	EF2TX	1,300.00(R)	1.00
10	EF2TX	1,250.00(R)	1.00
11	EF2TX	1,200.00(R)	1.00
12	EF2TX	1,090.00(R)	1.00
13	EF2TX	1,260.00(R)	1.00
14	EF2TX	1,240.00(R)	1.00
15	EF2TX	1,230.00(R)	1.00
16	EF2TX	1,220.00(R)	1.00
17	EF2TX	1,200.00(R)	1.00
18	EF2TX	1,190.00(R)	1.00
19	EF2TX	1,175.00(R)	1.00
20	EF2TX	1,150.00(R)	1.00
21	EF2TX	1,140.00(R)	1.00
22	EF2TX	1,120.00(R)	1.00
23	EF2TX	1,105.00(R)	1.00
24	EF2TX	1,101.00(R)	1.00
25 and Over	EF2TX	1,100.00(R)	1.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(b) Optical Interface (Cont'd)

Rate Zone 3, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2TX	$2,310.00(R)	$1.00
2	EF2TX	2,100.00(R)	1.00
3	EF2TX	1,650.00(R)	1.00
4	EF2TX	1,550.00(R)	1.00
5	EF2TX	1,500.00(R)	1.00
6	EF2TX	1,450.00(R)	1.00
7	EF2TX	1,400.00(R)	1.00
8	EF2TX	1,350.00(R)	1.00
9	EF2TX	1,300.00(R)	1.00
10	EF2TX	1,250.00(R)	1.00
11	EF2TX	1,200.00(R)	1.00
12	EF2TX	1,090.00(R)	1.00
13	EF2TX	1,260.00(R)	1.00
14	EF2TX	1,240.00(R)	1.00
15	EF2TX	1,230.00(R)	1.00
16	EF2TX	1,220.00(R)	1.00
17	EF2TX	1,200.00(R)	1.00
18	EF2TX	1,190.00(R)	1.00
19	EF2TX	1,175.00(R)	1.00
20	EF2TX	1,150.00(R)	1.00
21	EF2TX	1,140.00(R)	1.00
22	EF2TX	1,120.00(R)	1.00
23	EF2TX	1,105.00(R)	1.00
24	EF2TX	1,101.00(R)	1.00
25 and Over	EF2TX	1,100.00(R)	1.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 4, Base Rates (N)

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	EF2TX	$2,310.00	$1.00	
2	EF2TX	2,100.00	1.00	
3	EF2TX	1,650.00	1.00	
4	EF2TX	1,550.00	1.00	
5	EF2TX	1,500.00	1.00	
6	EF2TX	1,450.00	1.00	
7	EF2TX	1,400.00	1.00	
8	EF2TX	1,350.00	1.00	
9	EF2TX	1,300.00	1.00	
10	EF2TX	1,250.00	1.00	
11	EF2TX	1,200.00	1.00	
12	EF2TX	1,090.00	1.00	
13	EF2TX	1,260.00	1.00	
14	EF2TX	1,240.00	1.00	
15	EF2TX	1,230.00	1.00	
16	EF2TX	1,220.00	1.00	
17	EF2TX	1,200.00	1.00	
18	EF2TX	1,190.00	1.00	
19	EF2TX	1,175.00	1.00	
20	EF2TX	1,150.00	1.00	
21	EF2TX	1,140.00	1.00	
22	EF2TX	1,120.00	1.00	
23	EF2TX	1,105.00	1.00	
24	EF2TX	1,101.00	1.00	
25 and Over	EF2TX	1,100.00	1.00	(N)

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6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 5, Base Rates (N)

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	EF2TX	$2,310.00	$1.00	
2	EF2TX	2,100.00	1.00	
3	EF2TX	1,650.00	1.00	
4	EF2TX	1,550.00	1.00	
5	EF2TX	1,500.00	1.00	
6	EF2TX	1,450.00	1.00	
7	EF2TX	1,400.00	1.00	
8	EF2TX	1,350.00	1.00	
9	EF2TX	1,300.00	1.00	
10	EF2TX	1,250.00	1.00	
11	EF2TX	1,200.00	1.00	
12	EF2TX	1,090.00	1.00	
13	EF2TX	1,260.00	1.00	
14	EF2TX	1,240.00	1.00	
15	EF2TX	1,230.00	1.00	
16	EF2TX	1,220.00	1.00	
17	EF2TX	1,200.00	1.00	
18	EF2TX	1,190.00	1.00	
19	EF2TX	1,175.00	1.00	
20	EF2TX	1,150.00	1.00	
21	EF2TX	1,140.00	1.00	
22	EF2TX	1,120.00	1.00	
23	EF2TX	1,105.00	1.00	
24	EF2TX	1,101.00	1.00	
25 and Over	EF2TX	1,100.00	1.00	(N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 6, Base Rates (N)

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	EF2TX	$2,310.00	$1.00	
2	EF2TX	2,100.00	1.00	
3	EF2TX	1,650.00	1.00	
4	EF2TX	1,550.00	1.00	
5	EF2TX	1,500.00	1.00	
6	EF2TX	1,450.00	1.00	
7	EF2TX	1,400.00	1.00	
8	EF2TX	1,350.00	1.00	
9	EF2TX	1,300.00	1.00	
10	EF2TX	1,250.00	1.00	
11	EF2TX	1,200.00	1.00	
12	EF2TX	1,090.00	1.00	
13	EF2TX	1,260.00	1.00	
14	EF2TX	1,240.00	1.00	
15	EF2TX	1,230.00	1.00	
16	EF2TX	1,220.00	1.00	
17	EF2TX	1,200.00	1.00	
18	EF2TX	1,190.00	1.00	
19	EF2TX	1,175.00	1.00	
20	EF2TX	1,150.00	1.00	
21	EF2TX	1,140.00	1.00	
22	EF2TX	1,120.00	1.00	
23	EF2TX	1,105.00	1.00	
24	EF2TX	1,101.00	1.00	
25 and Over	EF2TX	1,100.00	1.00	(N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.9 Rates and Charges (Cont'd)
6.9.1 Switched Transport (Cont'd)
(B) Tandem Switched Transport

All Rate Zones
- Per MOU

Tandem Transport - Fixed		
Other Than Toll Free Originating	$.000000	(C)(x)
Terminating to Telephone Company End Offices	$.000000	
Terminating to Third Party	$.000000	
Tandem Transport - Per Mile		
Other Than Toll Free Originating	$.000002	(C)(x)
Terminating to Telephone Company End Offices	$.000000	
Terminating to Third Party	$.000002	
Tandem Switching		
Toll Free Originating	$.001000	(R)(x)
Other Than Toll Free Originating	$.001574	(C)(x)
Terminating to Telephone Company End Offices	$.000000	
Terminating to Third Party	$.001574	
Transport Multiplexing (DS3 to DS1)		
Other Than Toll Free Originating	$.000000	(C)(x)
Terminating to Telephone Company End Offices	$.000000	
Terminating to Third Party	$.000000	
Host/Remote-Fixed - Per MOU		
Other Than Toll Free Originating	$.000000	(C)(x)
Terminating to Telephone Company End Offices	$.000000	
- Host/Remote-Per Mile - Per MOU		
Other Than Toll Free Originating	$.000000	(C)(x)
Terminating to Telephone Company End Offices	$.000000	

Dedicated Tandem Trunk Port Charge

	USOC	Monthly Rate
- per Trunk	PT8NX	$12.50

(x) Issued in compliance with the Order of the Federal Communications Commission in WC Docket No. 18-156, *In the Matter of 8YY Access Charge Reform*, FCC 20-143, released October 9, 2020.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(C) Direct Trunked Transport

	USOC	Monthly Rates Fixed	Per Mile	
(1) Voice Grade				
Rate Zone 1	1YTES	$16.93(S)(x)	$3.00	(S)(x)
Rate Zone 2	1YTES	16.93(S)(x)	3.00	(S)(x)
Rate Zone 3	1YTES	16.93(S)(x)	3.00	(S)(x)
Price Band 4	1YTES	20.44	4.00	
Price Band 5	1YTES	20.44	4.00	
Price Band 6	1YTES	20.44	4.00	
(2) DS1				
Rate Zone 1	1YTCS	85.00	24.25	(S)(x)
Rate Zone 2	1YTCS	85.00	24.25	(S)(x)
Rate Zone 3	1YTCS	85.00	24.25	(S)(x)
Price Band 4	1YTCS	85.00	24.25	(I)
Price Band 5	1YTCS	85.00	24.25	(I)
Price Band 6	1YTCS	85.00	24.25	(I)

(x) Reissued material became effective July 1, 2011 under Transmittal No. 1148.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(C) Direct Trunked Transport (Cont'd)

	USOC	Monthly Rates Fixed	Per Mile	
(3) DS3 (Month-to-Month)				
- Electrical				
Rate Zone 1	1YTDS (T)	$950.00(S)(x)	$185.00	(S)(x)
Rate Zone 2	1YTDS (T)	950.00(S)(x)	185.00	(S)(x)
Rate Zone 3	1YTDS (T)	950.00(S)(x)	185.00	(S)(x)
Price Band 4	1YTDS (T)	950.00(I)	185.00	(I)
Price Band 5	1YTDS (T)	950.00(I)	185.00	(I)
Price Band 6	1YTDS (T)	950.00(I)	185.00	(I)
- Optical				
Rate Zone 1	1YTDS (T)	950.00(S)(x)	185.00	(S)(x)
Rate Zone 2	1YTDS (T)	950.00(S)(x)	185.00	(S)(x)
Rate Zone 3	1YTDS (T)	950.00(S)(x)	185.00	(S)(x)
Price Band 4	1YTDS (T)	950.00(I)	185.00	(I)
Price Band 5	1YTDS (T)	950.00(I)	185.00	(I)
Price Band 6	1YTDS (T)	950.00(I)	185.00	(I)
DS3 (Base Rates)				
- Electrical				
Rate Zone 1	1YTOS (T)	$950.00(S)(x)	$185.00	(S)(x)
Rate Zone 2	1YTOS (T)	950.00(S)(x)	185.00	(S)(x)
Rate Zone 3	1YTOS (T)	950.00(S)(x)	185.00	(S)(x)
Price Band 4	1YTOS (T)	950.00(I)	185.00	(I)
Price Band 5	1YTOS (T)	950.00(I)	185.00	(I)
Price Band 6	1YTOS (T)	950.00(I)	185.00	(I)
- Optical				
Rate Zone 1	1YTOS (T)	$950.00(S)(x)	$185.00	(S)(x)
Rate Zone 2	1YTOS (T)	950.00(S)(x)	185.00	(S)(x)
Rate Zone 3	1YTOS (T)	950.00(S)(x)	185.00	(S)(x)
Price Band 4	1YTOS (T)	950.00(I)	185.00	(I)
Price Band 5	1YTOS (T)	950.00(I)	185.00	(I)
Price Band 6	1YTOS (T)	950.00(I)	185.00	(I)

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(x) Reissued material became effective July 1, 2011 under Transmittal No. 1148.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(D) Multiplexing

	USOC	Monthly Rates	Nonrecurring Charges
- Entrance Facility, per arrangement			
DS1 to Voice Grade			
Rate Zone 1	MKW1X	$210.00	
Rate Zone 2	MKW1X	210.00	
Rate Zone 3	MKW1X	210.00	
Price Band 4	MKW1X	210.00	
Price Band 5	MKW1X	210.00	
Price Band 6	MKW1X	210.00	
DS3 to DS1			
- Month-to-Month			
Rate Zone 1	MKW3X	900.00 (S)(x)	$1.00
Rate Zone 2	MKW3X	900.00 (S)(x)	1.00
Rate Zone 3	MKW3X	900.00 (S)(x)	1.00
Price Band 4	MKW3X	900.00 (I)	1.00
Price Band 5	MKW3X	900.00 (I)	1.00
Price Band 6	MKW3X	900.00 (I)	1.00
- Base Rates			
Rate Zone 1	MJW3X (T)	900.00 (S)(x)	1.00
Rate Zone 2	MJW3X (T)	900.00 (S)(x)	1.00
Rate Zone 3	MJW3X (T)	900.00 (S)(x)	1.00
Price Band 4	MJW3X (T)	900.00 (I)	1.00
Price Band 5	MJW3X (T)	900.00 (I)	1.00
Price Band 6	MJW3X (T)	900.00 (I)	1.00

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(x) Reissued material became effective July 1, 2011 under Transmittal No. 1148.

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.9 Rates and Charges (Cont'd)
6.9.1 Switched Transport (Cont'd)
(D) Multiplexing (Cont'd)

	USOC	Monthly Rates	Nonrecurring Charges
- Direct Trunked Transport, per arrangement			
DS1 to Voice Grade			
Rate Zone 1	MKW1X	$210.00	
Rate Zone 2	MKW1X	210.00	
Rate Zone 3	MKW1X	210.00	
Price Band 4	MKW1X	210.00	
Price Band 5	MKW1X	210.00	
Price Band 6	MKW1X	210.00	
DS3 to DS1			
- Month-to-Month			
Rate Zone 1	MKW3X	900.00	$1.00
Rate Zone 2	MKW3X	900.00	1.00
Rate Zone 3	MKW3X	900.00	1.00
Price Band 4	MKW3X	900.00	1.00
Price Band 5	MKW3X	900.00	1.00
Price Band 6	MKW3X	900.00	1.00
- Base Rates			
Rate Zone 1	MJW3X	900.00	1.00
Rate Zone 2	MJW3X	900.00	1.00
Rate Zone 3	MJW3X	900.00	1.00
Price Band 4	MJW3X	900.00	1.00
Price Band 5	MJW3X	900.00	1.00
Price Band 6	MJW3X	900.00	1.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

	USOC	Monthly Rates	Nonrecurring Charges
(E) Alternate Serving Wire Center			
DS1			
- per point of termination			
Rate Zone 1	AV3	$ 25.00	
Rate Zone 2	AV3	25.00	
Rate Zone 3	AV3	25.00	
DS3			
(Optical or Electrical)			
- per point of termination			
Rate Zone 1	AV3	250.00	
Rate Zone 2	AV3	250.00	
Rate Zone 3	AV3	250.00	
(F) Diversity			
- per circuit			
Rate Zone 1	DSX	5.00	
Rate Zone 2	DSX	5.00	
Rate Zone 3	DSX	5.00	

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

	USOC	Nonrecurring Charges	
(G) Switched Access Connection Charge			
- per Line or trunk			
Initial			
Rate Zone 1	TPP++	$1.00	
Rate Zone 2	TPP++	1.00	
Rate Zone 3	TPP++	1.00	
Additional			
Rate Zone 1	TPP++	1.00	(I)
Rate Zone 2	TPP++	1.00	(I)
Rate Zone 3	TPP++	1.00	(I)
(H) Shared Network Arrangement			
- Processing Charge per Service Order			
Rate Zone 1	SRNXX	50.00	
Rate Zone 2	SRNXX	50.00	
Rate Zone 3	SRNXX	50.00	
(I) Remote Translations			
per remote trunk group, per occurrence	NRBTC	350.00	
(J) Service Order Charge			
per Service Order	NRBOU	1.00	

(K) Transport Interconnection Charge	Monthly Charge
Collocated	
- Originating	$.000000
- Terminating	.000000
Non-Collocated	
- Originating	.000000
- Terminating	.000000

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(L)	Common Channel Signaling Access Service	USOC	RATE	
	STP access mileage - Per month, per mile	1OXJX	$3.50	
	Note: An STP Port Termination charge also applies. See Section 6.9.2(A) following.			
(M)	Billing Validation Service			
	(1) Query Transport - Per query	TAP	0.000200	
	(2) Query Validation - Per query	QCMVX	0.040000	
	(3) Service Establishment - Per originating point code	NRBLB	125.00	
(N)	Toll Free* Data Base Access Service (available with Trunkside BSA-101XXXX Option equipped out of band Signaling)			
	Basic Query Charge - Per Query		0.000200	(R)(x)
	Toll Free Data Base Vertical Feature Package (VFP) (available with Toll Free Data Base Basic Access Service)			
	VFP Charge - Per Query		0.000000	

* "Toll Free" is considered to mean any access service which utilizes any of the following NPAs: 800, 888, 877, 866, 855, 844, 833, 822, or other NPAs as they become available to the industry.

(x) Issued in compliance with the Order of the Federal Communications Commission in WC Docket No. 18-156, *In the Matter of 8YY Access Charge Reform*, FCC 20-143, released October 9, 2020.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(O) Dedicated Network Access Link (DNAL)

(1) Metallic DNAL

	USOC	Monthly Rates
(a) Channel Termination - Per point of termination		$22.50

	Nonrecurring Charges	
	First	Add'l
- Per point of termination Installation	$200.00	$150.00

	USOC	Monthly Rates Fixed	Per Mile
(b) Channel Mileage		None	$3.25

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

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

(2) Voice Grade DNAL

	USOC	Monthly Rates			
(a) Channel Termination					
- Per point of termination					
Two-Wire		$14.00			
Four-Wire		26.02			
		Nonrecurring Charges			
		First		Add'l	
- Per point of termination					
Installation					
Two-Wire		$ 1.00		$1.00	
Four-Wire		1.00		.75	
		Monthly Rates			
		Fixed		Per Mile	
(b) Channel Mileage		$16.93	(I)	$3.00	(I)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

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

(2) Voice Grade DNAL (Cont'd)

	USOC	Monthly Rates	Nonrecurring Charges
(c) Optional Features			
(1) Conditioning - Per point of termination			
(A) C-Type		$ 2.00	None
(B) Improved Attenuation Distortion		2.00	None
(C) Improved Envelope Delay Distortion		75.00	None
(2) Improved Return Loss for Effective Two-Wire Transmission or Improved Termination for Four-Wire Transmission			
(A) Improved Return Loss - Per point of termination - Two-Wire		7.00	None
(B) Improved Termination - Per point of termination - Four-Wire		9.00	None
(3) Data Capability - Per point of termination		2.00	$250.00

(P) 500 Access Service

	USOC	Rate
Query Charge - Per Query	500DB	$.0085

(Q) Carrier Identification Parameter (CIP)

	USOC	Rate
- Per Trunk, per month	U7CPT	$ .46

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.9 Rates and Charges (Cont'd)
6.9.1 Switched Transport (Cont'd)
6.9.1.1 Term Pricing Plans (TPP)*
(A) Entrance Facility

	USOC	Monthly Rate	Nonrecurring Charge First	Nonrecurring Charge Additional
(1) 2 Year#				(T)
(a) DS1				
- Per Point of Termination				
Rate Zone 1	EFGDX	$171.00		
Rate Zone 2	EFGDX	171.00		
Rate Zone 3	EFGDX	171.00		
Price Band 4	EFGDX	171.00		
Price Band 5	EFGDX	171.00		
Price Band 6	EFGDX	171.00		
- Installation				
Rate Zone 1	EFGDX		$1.00	$.75
Rate Zone 2	EFGDX		1.00	.75
Rate Zone 3	EFGDX		1.00	.75
Price Band 4	EFGDX		1.00	.75
Price Band 5	EFGDX		1.00	.75
Price Band 6	EFGDX		1.00	.75
(2) 3 Year#				(T)
(a) DS1				
- Per Point of Termination				
Rate Zone 1	EFGDX	152.00		
Rate Zone 2	EFGDX	152.00		
Rate Zone 3	EFGDX	152.00		
Price Band 4	EFGDX	152.00		
Price Band 5	EFGDX	152.00		
Price Band 6	EFGDX	152.00		
- Installation				
Rate Zone 1	EFGDX		1.00	.75
Rate Zone 2	EFGDX		1.00	.75
Rate Zone 3	EFGDX		1.00	.75
Price Band 4	EFGDX		1.00	.75
Price Band 5	EFGDX		1.00	.75
Price Band 6	EFGDX		1.00	.75

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

Service availability limited. Refer to # footnote on Page 6-242. (N)

Associate General Counsel, Federal Regulatory (T)
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(A) Entrance Facility (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge First	Nonrecurring Charge Additional
(3) 5 Year#				
(a) DS1				
- Per Point of Termination				
Rate Zone 1	EFGDX	$133.00		
Rate Zone 2	EFGDX	133.00		
Rate Zone 3	EFGDX	133.00		
Price Band 4	EFGDX	133.00		
Price Band 5	EFGDX	133.00		
Price Band 6	EFGDX	133.00		
- Installation				
Rate Zone 1	EFGDX		$1.00	$.75
Rate Zone 2	EFGDX		1.00	.75
Rate Zone 3	EFGDX		1.00	.75
Price Band 4	EFGDX		1.00	.75
Price Band 5	EFGDX		1.00	.75
Price Band 6	EFGDX		1.00	.75

(T)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(A) Entrance Facility (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge First	Nonrecurring Charge Additional
(4) 7 Year#				
(a) DS1				
- Per Point of Termination				
Rate Zone 1	EFGDX	$123.50		
Rate Zone 2	EFGDX	123.50		
Rate Zone 3	EFGDX	123.50		
Price Band 4	EFGDX	123.50		
Price Band 5	EFGDX	123.50		
Price Band 6	EFGDX	123.50		
- Installation				
Rate Zone 1	EFGDX		$1.00	$.75
Rate Zone 2	EFGDX		1.00	.75
Rate Zone 3	EFGDX		1.00	.75
Price Band 4	EFGDX		1.00	.75
Price Band 5	EFGDX		1.00	.75
Price Band 6	EFGDX		1.00	.75

(T)

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Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(B) Direct Trunked Transport

2 Year#	USOC	Fixed	Per Mile	(T)
(1) DS1				
Rate Zone 1	1YTCS	$76.50	$21.83	
Rate Zone 2	1YTCS	76.50	21.83	
Rate Zone 3	1YTCS	76.50	21.83	
Price Band 4	1YTCS	76.50	21.83	
Price Band 5	1YTCS	76.50	21.83	
Price Band 6	1YTCS	76.50	21.83	
3 Year#				(T)
(1) DS1				
Rate Zone 1	1YTCS	68.00	19.40	
Rate Zone 2	1YTCS	68.00	19.40	
Rate Zone 3	1YTCS	68.00	19.40	
Price Band 4	1YTCS	68.00	19.40	
Price Band 5	1YTCS	68.00	19.40	
Price Band 6	1YTCS	68.00	19.40	

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Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(B) Direct Trunked Transport (Cont'd)

5 Year#	USOC	Fixed	Per Mile	(T)
(1) DS1				
Rate Zone 1	1YTCS	$59.50	$16.98	
Rate Zone 2	1YTCS	59.50	16.98	
Rate Zone 3	1YTCS	59.50	16.98	
Price Band 4	1YTCS	59.50	16.98	
Price Band 5	1YTCS	59.50	16.98	
Price Band 6	1YTCS	59.50	16.98	

7 Year#				(T)
(1) DS1				
Rate Zone 1	1YTCS	55.25	15.76	
Rate Zone 2	1YTCS	55.25	15.76	
Rate Zone 3	1YTCS	55.25	15.76	
Price Band 4	1YTCS	55.25	15.76	
Price Band 5	1YTCS	55.25	15.76	
Price Band 6	1YTCS	55.25	15.76	

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(C) Multiplexing

2 Year#	USOC	Monthly Rates	Nonrecurring Charges	(T)
- Entrance Facility				
- Per Arrangement				
DS1 to Voice Grade				
Rate Zone 1	MKW1X	$189.00		
Rate Zone 2	MKW1X	189.00		
Rate Zone 3	MKW1X	189.00		
Price Band 4	MKW1X	189.00		
Price Band 5	MKW1X	189.00		
Price Band 6	MKW1X	189.00		
- Direct Trunked Transport				
- Per Arrangement				
DS1 to Voice Grade				
Rate Zone 1	MKW1X	189.00		
Rate Zone 2	MKW1X	189.00		
Rate Zone 3	MKW1X	189.00		
Price Band 4	MKW1X	189.00		
Price Band 5	MKW1X	189.00		
Price Band 6	MKW1X	189.00		

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(C) Multiplexing (Cont'd)

3 Year#	USOC	Monthly Rates	Nonrecurring Charges	
- Entrance Facility				
- Per Arrangement				
DS1 to Voice Grade				
Rate Zone 1	MKW1X	$168.00		
Rate Zone 2	MKW1X	168.00		
Rate Zone 3	MKW1X	168.00		
Price Band 4	MKW1X	168.00		
Price Band 5	MKW1X	168.00		
Price Band 6	MKW1X	168.00		
- Direct Trunked Transport				
- Per Arrangement				
DS1 to Voice Grade				
Rate Zone 1	MKW1X	168.00		
Rate Zone 2	MKW1X	168.00		
Rate Zone 3	MKW1X	168.00		
Price Band 4	MKW1X	168.00		
Price Band 5	MKW1X	168.00		
Price Band 6	MKW1X	168.00		

(T)

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(C) Multiplexing (Cont'd)

5 Year#	USOC	Monthly Rates	Nonrecurring Charges	
- Entrance Facility				
- Per Arrangement				
DS1 to Voice Grade				
Rate Zone 1	MKW1X	$147.00		
Rate Zone 2	MKW1X	147.00		
Rate Zone 3	MKW1X	147.00		
Price Band 4	MKW1X	147.00		
Price Band 5	MKW1X	147.00		
Price Band 6	MKW1X	147.00		
- Direct Trunked Transport				
- Per Arrangement				
DS1 to Voice Grade				
Rate Zone 1	MKW1X	147.00		
Rate Zone 2	MKW1X	147.00		
Rate Zone 3	MKW1X	147.00		
Price Band 4	MKW1X	147.00		
Price Band 5	MKW1X	147.00		
Price Band 6	MKW1X	147.00		

(T)

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(C) Multiplexing (Cont'd)

7 Year#	USOC	Monthly Rates	Nonrecurring Charges	
- Entrance Facility				
- Per Arrangement				
DS1 to Voice Grade				
Rate Zone 1	MKW1X	$136.50		
Rate Zone 2	MKW1X	136.50		
Rate Zone 3	MKW1X	136.50		
Price Band 4	MKW1X	136.50		
Price Band 5	MKW1X	136.50		
Price Band 6	MKW1X	136.50		
- Direct Trunked Transport				
- Per Arrangement				
DS1 to Voice Grade				
Rate Zone 1	MKW1X	136.50		
Rate Zone 2	MKW1X	136.50		
Rate Zone 3	MKW1X	136.50		
Price Band 4	MKW1X	136.50		
Price Band 5	MKW1X	136.50		
Price Band 6	MKW1X	136.50		

(T)

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

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

6.9.1.2 IntelliLight Entrance Facilities (IEF)*

(A) Per STS1/51.84 Mbps Termination**	USOC	Monthly Rate 3 Year Term	USOC	Monthly Rate 5 Year Term#	(T)
1	T7XA3	$1,950.00	T7XA5	$1,650.00	
2		1,950.00		1,400.00	
3		1,500.00		1,200.00	
4		1,000.00		720.00	
5		858.00		620.00	
6		746.00		540.00	
7		666.00		483.00	
8		606.00		440.00	
9		560.00		407.00	
10		522.00		380.00	
11		492.00		358.00	
12		466.00		340.00	
13		458.00		338.00	
14		455.00		336.00	
15		453.00		334.00	
16		450.00		332.00	
17		448.00		330.00	
18		445.00		328.00	
19		443.00		326.00	
20		440.00		324.00	
21		438.00		322.00	
22		435.00		320.00	
23		433.00		318.00	
24		430.00		316.00	
25		428.00		314.00	
26		425.00		312.00	
27		423.00		310.00	
28		420.00		308.00	
29		418.00		306.00	
30		415.00		304.00	
31		413.00		302.00	
32		410.00		300.00	
33		408.00		298.00	
34		405.00		296.00	
35		403.00		294.00	
36		400.00		292.00	
37		388.00		290.00	
38		385.00		288.00	
39		383.00		284.00	
40		380.00		280.00	
41		378.00		275.00	
42		375.00		270.00	
43		373.00		265.00	
44		370.00		260.00	
45		368.00		255.00	
46		365.00		250.00	
47		363.00		245.00	
48 and up		360.00		240.00	

* The above rates are applicable in all rate zones.
** Interface sold separately.
# Service availability limited. Refer to # footnote on Page 6-296. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.2 IntelliLight Entrance Facilities (IEF)* (Cont'd)

(B) IEF Electrical Interfaces, each	USOC	Monthly Rate 3 Year Term	USOC	Monthly Rate 5 Year Term#	(T)
STS1 Interface	P8TE3	$150.00	P8TE5	$100.00	
DS3 Interface	P8TG3	150.00	P8TG5	100.00	

(C) IEF Installation Charges

1) Initial Installation 1a) -Per Termination	USOC	Nonrecurring Charges First	Additional
-STS1 w/ separate Interface		$1.00	$ .75
1b) -Per Interface			
- per STS1		1.00	.75
- per DS3		1.00	.75
2) Subsequent Installation 2a) -Per Termination			
-STS1 w/ separate Interface	NRBTJ	1.00	.75
2b) -Per Interface			
- per STS1	NRBTF	1.00	.75
- per DS3	NRBTF	1.00	.75

* The above rates are applicable in all rate zones.
# Service availability limited. Refer to # footnote on Page 6-296. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.3 Reserved (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.3 Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.3 Reserved (Cont'd) (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.3 Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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ACCESS SERVICE

6. Switched Access Service (Cont'd

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.5 Reserved for Future Use (C)

(D)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.6 Reserved for Future Use (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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6. Switched Access Service (Cont'd

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6. Switched Access Service (Cont'd

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6. Switched Access Service (Cont'd

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6. Switched Access Service (Cont'd

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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(D)

ACCESS SERVICE

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

6.9.2 End Office

(A) Local Switching

Premium Rates	Rate	
LS1-Feature Groups A & B (except for FGB when subscribed to by a provider of MTS and WATS)		
- Originating	$.002406	
- Terminating	.000000	
LS1-Lineside BSA and Trunkside BSA - 950 Option (except for Trunkside BSA-950 Option when subscribed to by a provider of MTS and WATS)		
- Originating	.002403	
- Terminating	.000000	
LS2-Feature Group D (and for FGB when subscribed to by a provider of MTS and WATS)		
- Toll Free Originating	.000000	(R)(x)
- Other Than Toll Free Originating	.002406	
- Terminating	.000000	
LS2-Trunkside BSA - BSA-101XXXX Option (and for Trunkside BSA-950 Option when subscribed to by a provider of MTS and WATS)		
- Toll Free Originating	.000000	(R)(x)
- Other Than Toll Free Originating	.002403	
- Terminating	.000000	

(x) Issued in compliance with the Order of the Federal Communications Commission in WC Docket No. 18-156, *In the Matter of 8YY Access Charge Reform*, FCC 20-143, released October 9, 2020.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

	USOC	Monthly Rate	
Dedicated Trunk Port#,			
- per Trunk	PT8VX	$ 11.25	
Shared End Office Trunk			
- per minute of use			
- Toll Free Originating		0.000000	(R)(x)
- Other Than Toll Free Originating		0.001688	
- Terminating		0.000000	
Common Channel Signaling Access Service STP Port Termination*			
- Per month, per port	PT8SX	900.00	
Composite Terminating End Office Charge			
- Per Terminating Minute of Use		0.000000	

(x) Issued in compliance with the Order of the Federal Communications Commission in WC Docket No. 18-156, *In the Matter of 8YY Access Charge Reform*, FCC 20-143, released October 9, 2020.

Rate will only apply to the portion associated with originating usage.

*Note: For Common Channeling Signaling Access Service, an STP Access Mileage charge also applies. See Section 6.9.1(L) preceding.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features and BSEs

	FID/USOC	Rate	Nonrecurring Charge
(a) Call Denial on Line or Hunt Group (available with Lineside BSA) - Per Transmission Path or Transmission Path Group	CAD	None	None
(b) Service Code Denial on Line or Hunt Group (available with Lineside BSA) - Per Transmission Path or Transmission Path Group	SCD	None	None
(c) Hunt Group Arrangement (available with Lineside BSA) - Per Transmission Path Group	HML/HTG	None	None
(d) Hunting Service Arrangements BSE (available with Lineside BSA) - Per Line, Per Month	HSHPG	$ 0.15	None
(e) Hunting Service Arrangements: Circular BSE (available with Lineside BSA) - Per Line, Per Month	HSHCH	$ 0.15	None
(f) Hunting Service Arrangements: Preferred BSE (available with Lineside BSA) - Per Line, Per Month	HSHHP	$ 0.15	None
(g) Uniform Call Distribution Arrangement (available with Lineside BSA) - Per Transmission Path	HTY UD	None	None
(h) Uniform Call Distribution BSE (available with Lineside BSA) - Per Line, Per Month	EH7PG	$ 1.25	None

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

	FID/USOC	Rate	Nonrecurring Charge	
(i) Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (available with Lineside BSA) - Per Transmission Path	NHN	None	None	
(j) Non-Hunt Directory Numbers BSE (available with Lineside BSA) - Per Group, Per Month	HSGPN	$ 0.00	None	
(k) Automatic Number Identification (available with Trunkside BSA - 950 Option and Trunkside - 101XXXX Option) - Per Transmission Path Group	ANI	None	None	(D)
(l) Automatic Number Identification BSE (available with Trunkside BSA - 950 Option and Trunkside - 101XXXX Option - Per Call	ANI	$ 0.0005	None	(D)
(m) Up to 7 Digit Outpulsing of Access Digits to Customer (available with Trunkside BSA - 950 Option) - Per Transmission Path Group	USDO	None	None	
(n) Reserved for Future Use				(C) (D) | (D)
(o) Reserved for Future Use				(C) (D) | (D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

	FID/USOC	Rate	Nonrecurring Charge	
(p) Reserved for Future Use				(C) (D) | (D)
(q) Reserved for Future Use				(C) (D) | (D)
(r) Reserved for Future Use				(C) (D) | (D)
(s) Service Class Routing (available with Trunkside BSA-101XXXX Option and FGD)				(D) (D)
- Per Transmission Path Group	SCRT	None	None	
(t) Alternate Traffic Routing (available with FGB and FGD)				(D)
- Per Transmission Path Group	ARTG	None	None	
(u) Alternate Traffic Routing (available with Trunkside BSA - 950 Option, and Trunkside BSA-101XXXX Option,				(D)
- Per Transmission Path Group	RALPG	None	$31.00	
(v) Trunk Access Limitation Arrangement (available with Trunkside BSA-10XXX or 101XXXX Option and FGD				(D) (D)
- Per End Office	CHOK	None	None	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

	FID/USOC	Rate	Nonrecurring Charge	
(w) Call Gapping Arrangement (available with Trunkside BSA-101XXXX Option and FGD)				
- Per End Office	CGAP	None	None	
(x) International Carrier Option (available with Trunkside BSA-101XXXX Option and FGD)				
- Per End Office and Access Tandem	INCO	None	None	
(y) Band Advance Arrangement for use with WATS Access Line Service (available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB, and FGD)				(D) (D)
- Per Arrangement	BAAD	None	None	
(z) End Office End User Line Service Screening for use with WATS Access Line Service (available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA - 101XXXX Option, FGA, FGB, and FGD)				(D) (D)
- Per WATS Access Line	BAND	None	None	
(aa) Hunt Group Arrangement for use with WATS Access Line Service (available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB, and FGD)				(D) (D)
- Per WATS Access Line	HML/HTG	None	None	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

	FID/USOC	Rate	Nonrecurring Charge	
(ab) Uniform Call Distribution Arrangement for use with WATS Access Line Service (available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB, and FGD)				(D) (D)
- Per WATS Access Line Group	HTY UD	None	None	
(ac) Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with WATS Access Line Service (available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB, and FGD)				(D) (D)
- Per WATS Access Line Group	NHN	None	None	
(ad) Toll Billing Exception (available with Lineside BSA and FGA)				
- Per Transmission Path	TBE A	None	None	

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

	FID/USOC	Rate	Nonrecurring Charge
(ae) Calling Party Number (available with Trunkside BSA-101XXXX Option equipped with out of band signaling) - Per End Office, Per Trunk Group * +	CF3CP	None	None
(af) Charge Number (available with Trunkside BSA-101XXXX Option equipped with out of band signaling) - Per End Office, Per Trunk Group *	CF3CN	None	None
(ag) Charge Number BSE (available with Trunkside BSA-101XXXX Option with out of band signaling) - Per Call *	CNB	$ 0.0005	None
(ah) Carrier Selection Parameter (available with Trunkside BSA-101XXXX Option equipped with out of band signaling) - Per End Office, Per Trunk Group * ++	CF3CS	None	None
(ai) Answer Supervision With a Lineside Interface BSE (available with Lineside BSA) - Per Line, Per Month	USW1X	$ 1.75	$15.00

* Available only on originating Trunkside BSA-101XXXX Option.
\+ Calling Party Number is not offered in Pennsylvania, and where it is not technically feasible.
++ Available only at designated Telephone Company switches.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

	FID/USOC	Rate	Nonrecurring Charge
(aj) Three-Way Call Transfer BSE (available with Lineside BSA)			
- Per Line, Per Month	EO3	$ 7.50	$ 3.00
(ak) Messaging Services Interface BSE (available with Lineside BSA)			
- Per Line, Per Month	SME	515.00	780.00
(al) Premier Messaging Services Interface BSE			
- Per Arrangement, Per Month	CF3MS	500.00	
(am) Make Busy Arrangement BSE (available with Lineside BSA)			
-Per Group, Per Month	DXV	80.00	30.00
(an) Three-Way Calling BSE (available with Lineside BSA)			
- Per Line, Per Month	ESC	7.00	3.00
(ao) Flexible Automatic Number Identification BSE (available with Trunkside BSA-101XXXX Option)			
- Per End Office, Per CIC	NUVPO	None	1,100.00
- Payphone Coding Digits Charge			
- Per line, each Payphone Service Provider	OLN	0.00*	
(ap) Flexible Automatic Number Identification, available with Feature Group D			
- Per End Office, Per CIC	NRBFN	None	1,100.00
- Payphone Coding Digits Charge			
- Per line, each Payphone Service Provider	OLN	0.00*	

* Rate to be recovered over 24 months commencing November 1, 1998 and ending October 31, 2000.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

	FID/USOC	Rate	Nonrecurring Charge
(aq) Direct Inward Dialing Service BSE (available with Lineside BSA) - Per Trunk, Per month	-	$10.00	$ 6.00
(ar) Direct Inward Dialing Trunk Queuing BSE (available with Lineside BSA) - Per Trunk, Per month	-	2.00	35.00
(as) Access Transport Parameter (available with Trunkside BSA-101XXXX Option equipped with out of band signaling) - Per End Office, Per Trunk Group * ++	-	NONE	NONE
(at) 950 on Feature Group D - Per End Office, Per CIC	NR4NF	NONE	270.00

* Available only on originating Trunkside BSA-101XXXX Option.
++ Available only at designated Telephone Company switches.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

(au) 900 Access Service (available with Feature Groups D, 900 Access Service trunk groups, and Trunkside BSA-101XXXX Option) (D) (D)

	USOC	Nonrecurring Charge First*	Additional*
- Per LATA, per NXX (activated or deactivated)	ADNC8		
Altoona		$1,917.55	$ 197.53
Atlantic Coastal		479.84	49.48
Baltimore		2,300.84	236.53
Capital		1,384.90	142.66
Culpepper		1,918.91	198.03
Delaware Valley		1,254.97	129.41
Hagerstown		843.40	86.75
Lynchburg		561.63	57.96
Norfolk		2,012.52	207.69
Northeast		2,610.00	268.86
North Jersey		3,801.82	392.02
Philadelphia		7,286.17	750.55
Pittsburg		5,699.38	587.10
Richmond		1,684.90	173.88
Roanoke		1,872.11	193.20
Salisbury		824.83	84.80
Washington LATA		4,821.81	496.49
- Per State, per NXX (activated or deactivated)	ADNC8		
District of Columbia		1,701.59	175.27
State of Maryland		5,730.39	589.11
State of Virginia		8,050.06	830.76
State of New Jersey		5,536.63	570.91
State of Pennsylvania		18,003.65	1,854.57
State of Delaware		894.34	92.13

* First and Additional nonrecurring charges are applied on a per order basis. The "First" rate applies to the initial code on an order for service and the "Additional" rate to each additional code on the same order.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

	Rate
(av) Switched Access Signalling Service (SASS) - per call	0.0000

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(2) Transport Termination Nonchargeable Options

	FID	
(a) Line Side Terminations (For Lineside BSA and 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	
Termination 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	
(b) Trunk Side Terminations (For Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGB and FGD)		(D) (D)
Standard Trunk for Originating, Terminating or Two-Way operation (available with Trunkside BSA -950 Option, Trunkside BSA-101XXXX Option, FGB and FGD)	TTC SO TTC ST TTC TY	(D) (D)
Rotary Dial Station Signaling Trunk (available with Trunkside BSA - 950 Option and FGB)	TTC RD	
		(D) | | (D)
Operator Trunk, Full Feature Arrangement (available with Trunkside BSA-101XXXX Option and FGD)	TTC FF	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(3) WATS Access Line Termination Nonchargeable Options

(a) Line Side Terminations:	FID
Originating Only Loop Start, Line Side Connection, with DTMF Address Signaling - Per Transmission Path	NC +++R
Originating Only Loop Start, Line Side Connection, with Dial Pulse Address Signaling - Per Transmission Path	NC +++N

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(3) WATS Access Line Termination Nonchargeable Options (Cont'd)

(a) Line Side Terminations: (Cont'd)

	FID
Originating Only Ground Start, Line Side Connection, with DTMF Address Signaling - Per WATS Access Line	NC +++S
Originating Only Ground Start, Line Side Connection, with Dial Pulse Address Signaling - Per WATS Access Line	NC +++P
Terminating Only Loop Start, Line Side Connection - Per WATS Access Line	NC +++U
Terminating Only Ground Start, Line Side Connection - Per WATS Access Line	NC +++V
(b) Trunk Side Terminations:	
Terminating Only Trunk Side Connection for forwarding of Dialed Number Identification to End User - Per WATS Access Line	NC +++T
(c) Dialed Number Identification Service (DNIS)	NC +++T
- Common equipment to equip a group for DNIS	UGT
- Per WATS access line in the group	UGW

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(4) WATS Access Line Termination Chargeable Options

	USOC	Monthly Rate	Nonrecurring Charge
Answer Supervision Trunk Side Terminations For WATS Access lines Originating Only			
- Per Initial and Additional WATS Access Line Service, Per Trunk Group	-	None	None
- Per Initial WATS Access Line	UAS1X UAS	$14.06	$100.28
- Per Each Additional WATS Access Line	UASAX UAS	14.06	55.67

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.3 Message Unit Credit	USOC	Per Originating Lineside BSA Access Minute	
States of Maryland, Virginia, and Washington, D.C.	MUCLT	($.002000)*	(D)
State of Delaware	MUCLT	(.001000)*	
State of New Jersey	MUCLT	(.002000)*	
State of Pennsylvania	MUCLT	(.001543)*	

* ( ) equals a negative amount.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.4 Reserved for Future Use (C)

(D)
|
(D)

6.9.5 Information Surcharge

Premium Rate Per Access Minute	0.000000	DSC

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.6 Tandem Access Sectorization

	RATE	USOC
Per Trunk, Per Month	$ 1.00	TJN
Nonrecurring Charges		
Initial, Per Customer, Per Tandem	5,300.00	TJNTI
Subsequent, Per Point of Termination	820.00	TJNTS

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

	USOC	Rates Per Access Minute	
6.9.7 Switched 56 Kilobit Service			
- Per S56 access minute	56S	$0.000000	(D)
6.9.8 Reserved For Future Use			(C) (D)
6.9.9 0+900 Access Service			(D)
(A) Activation per end office	-	$400.00	-

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.10 Reserved for Future Use (C)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)
(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)
(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.11 Reserved (T) (D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.12 Common Switching and Transport Termination Optional Features and BSEs

(A) Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service

	USOC	Monthly Rate	
SS7MWI Signaling Service, per messaging arrangement[1]	S7M	$500.00	(C)

(D)

(D)

[1] See 6.4.1(AG)(8)for rate application exception in LATAs 224, 228, and 236. (N)

ACCESS SERVICE

7. Special Access Service

Non-Competitive End-User Channel Terminations (and associated optional features and functions) are the Special Access Services offered under this tariff. Other Special Access Services required to complete a circuit are available as described in Section 1.1 preceding. (N)

7.1 General

Special Access Service provides a transmission path to connect customer designated premises*, either directly, or through a Telephone Company Hub. In addition, Special Access provides a transmission path to connect a customer designated premises to a WATS Serving Office (WSO), to a wire center where connection to an advanced data service# occurs, or to a fiber meet location of a Verizon Dedicated SONET Ring Service or an IntelliLight® Optical Transport Service. Special Access Service includes all exchange access not utilizing Telephone Company end office switches, with the exception of WATS Access Line Service. (D)

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

7.1.1 Channel Types (C)

There are multiple types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum

Customers can order a basic channel and select, from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

* When Telephone Company central office switches provide local exchange service which utilize a common line which must be interconnected for interstate communications (e.g., Centrex), the Telephone Company central office, where the local exchange service ends and the access connection begins, shall be treated as a customer premises for purposes of this tariff. The physical space from which other Telephone Company services are provided, whether or not on Telephone Company property, shall be treated as a customer premises. The central office where packet data services and data base services reside shall also be included in this definition. (D)

Advanced data services include Telephone Company provided frame relay services and ATM-cell relay services. Connections to advanced data services are provided by the Telephone Company where such connections are technically and operationally feasible, as determined by the Telephone Company.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.1 Channel Types (Cont'd)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this tariff, there is no restriction against doing so.

Following is a brief description of each type of channel:

Voice Grade - a channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

WATS Access Line - a channel between a customer designated premises and a WATS Serving Office (WSO) for transmission of interstate or international traffic.

(D)
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(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.1 General (Cont'd)

7.1.1 Channel Types (Cont'd)

Digital Data - a channel for the digital transmission of data at rates of 2.4, 4.8, 9.6, 19.2, 56 or 64 kbps.

High Capacity - a channel for the transmission of isochronous serial digital data at rates of 1.544 or 44.736 Mbps. (D)

(D)
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|
|
|
(D)

Detailed descriptions of each of the channel types are provided in 7.2 following:

The customer also has the option of ordering Voice Grade and analog and digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, 1.544 Mbps and 44.736 Mbps) to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth.

The customer may specify optional features for the individual channels derived from the facility to tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are also set forth in 7.2 following. (D) (D)

(D)
|
|
|
|
|
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Rate Categories

The basic rate categories which apply to Special Access Service offered under this tariff are:

- Non-Competitive End User Channel Terminations, including WATS Access Connections (WACs) (described in 7.1.2(A) following)
- Optional Features and Functions (described in 7.1.2(C) following)
- Surcharge (described in 7.4.2 following)
- Message Station Equipment Recovery Charge (described in 7.4.3 following)

Additionally, rates and charges for detariffed Integrated Optical Service Riders may also apply to Special Access connected to Integrated Optical Service Riders. Rates and charges for Ports also apply to a Special Access DS3 connected to a point to point SONET service. (C) (D) (D)

(A) Channel Termination

The Channel Termination rate category provides for the communications path between an end user customer designated premises and the serving wire center of that premises. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in (C) following. One Channel Termination charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are collocated in a Telephone Company building. For WATS Access Line Service, the WATS Serving Office (WSO) is never considered a customer premises. A Channel Termination charge does not apply:

- at a DSR fiber meet location where high speed interconnection of the Company’s facilities to the facilities of the customer or of a third party occurs.

The Channel Termination rate category may also be employed to provide for connections to other service offerings.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Rate Categories (Cont'd)

(B) Channel Mileage

The Channel Mileage rate category is detariffed. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Rate Categories (Cont'd)

(C) Optional Features and Functions (Cont'd)

The Optional Features and Functions rate category provides for optional features and functions which may be added to a Non-Competitive End User Channel Termination to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged as a single rate element. (C) (C)

The following is a list of the Telephone Company's Open Network Architecture (ONA) Special Access Basic Service Elements (BSEs) which provides a cross-reference to the generic name contained in Bell Operating Companies, Service Descriptions, ONA Services User Guide, July 31, 1991, from the product name utilized in this tariff. (T)

GENERIC NAME	VERIZON PRODUCT NAME	(T)
Access to Clear Channel Transmission	Clear Channel Capability	
		(D)
Bridging	Bridging	
Conditioning	Conditioning	
Inband Signaling	Inband Signaling	
		(D)
Route Diversity	Route Diversity	
Secondary Channel Capability	Secondary Channel	

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Rate Categories (Cont'd)

(C) Optional Features and Functions (Cont'd)

Examples of Optional Features and Functions that are available include, but are not limited to, the following:
- Signaling Capability
- Hubbing Functions (some of which are detariffed) (C)
- Conditioning
(D)

A Hub is a Telephone Company designated serving wire center which may perform bridging, multiplexing, and/or IntelliMux® reconfiguration functions. The bridging functions performed are to connect three or more customer designated premises in a multipoint arrangement. (D)

Descriptions for each of the available Optional Features and Functions are set forth in 7.2 following. Multiplexing functions and IntelliMux® Service are (C)
detariffed. (C)

7.1.3 Service Configurations

There are two types of service configurations over which Special Access Services are provided: two-point service and multi-point service.

(A) Two-Point Service

A two-point service connects two customer designated premises, either on a directly connected basis, or (T)
through a Hub. Two point service also connects a (D)
customer designated premises and a WATS Serving Office (WSO).

Applicable rate elements under this tariff are: (C)
- Non-Competitive End User Channel Termination(s) (C)
(D)
- Optional Features and Functions (when applicable)
In addition, a Special Access Surcharge as set forth in 7.4.2 following, and a Message Station Equipment (T)
Recovery Charge as set forth in 7.4.3 following may be applicable.

ACCESS SERVICE

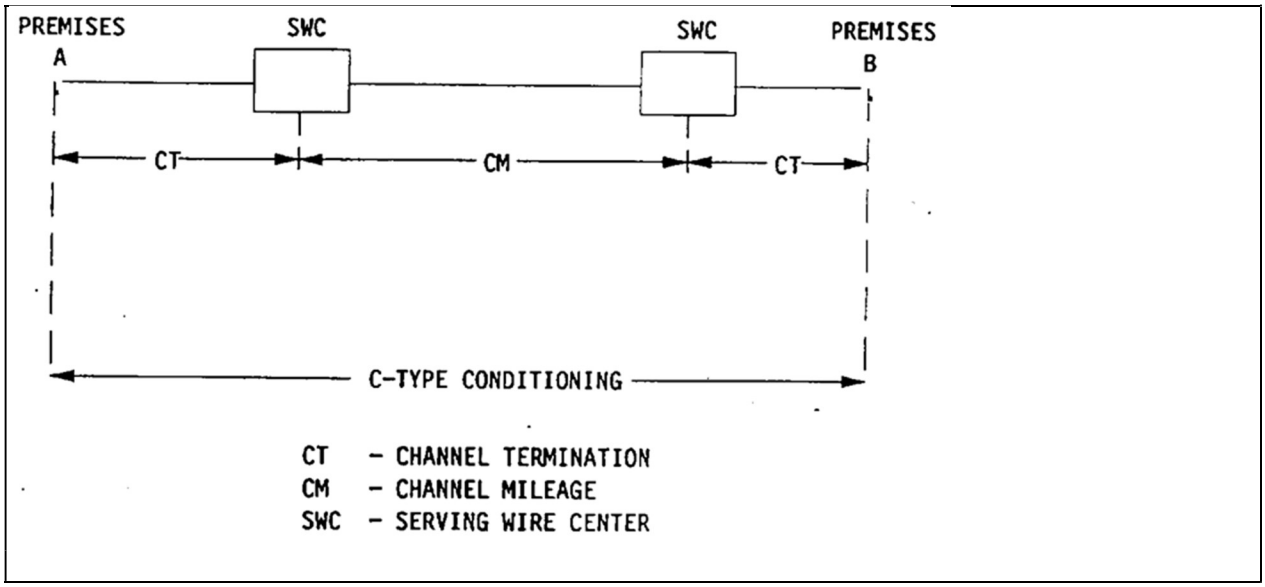
7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(A) Two-Point Service

The following diagram depicts a two-point Voice Grade service connecting two Non-Competitive End User Channel Terminations located 15 miles apart. The service is provided with C-Type Conditioning. (C) (C)



Applicable rate elements under this tariff are:

- Non-Competitive End User Channel Terminations (2 applicable) (C) (D)
- C-Type Conditioning Optional Feature (2 applicable)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(B) Multipoint Service

Multipoint service connects three or more customer designated premises through a Telephone Company Hub. There is no limitation on the number of mid-links available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded. A mid-link is a channel between Hubs (i.e., bridging locations) and is detariffed. (N) (N) Only certain types of Special Access Service are provided as multipoint service. These are so designated in the Service Descriptions set forth in 7.2 following.

Multipoint service utilizing a customized technical specifications package as set forth in 7.2 following will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multi-point service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will specify the desired bridging Hub(s) selected from the Exchange Carrier Association Tariff F.C.C. No. 4. This Tariff identifies type(s) of bridging functions which are available and the serving wire centers at which they are available.

Applicable Rate Elements under this tariff are: (C)

- Non-Competitive End User Channel Terminations (one per customer designated premises) (C)
- Bridging (D)
- Additional Optional Features (when applicable). | (D)

In addition, the Special Access Surcharge as set forth in 7.4.2 following and a Message Station Equipment Recovery Charge as set forth in 7.4.3 following may be applicable.

ACCESS SERVICE

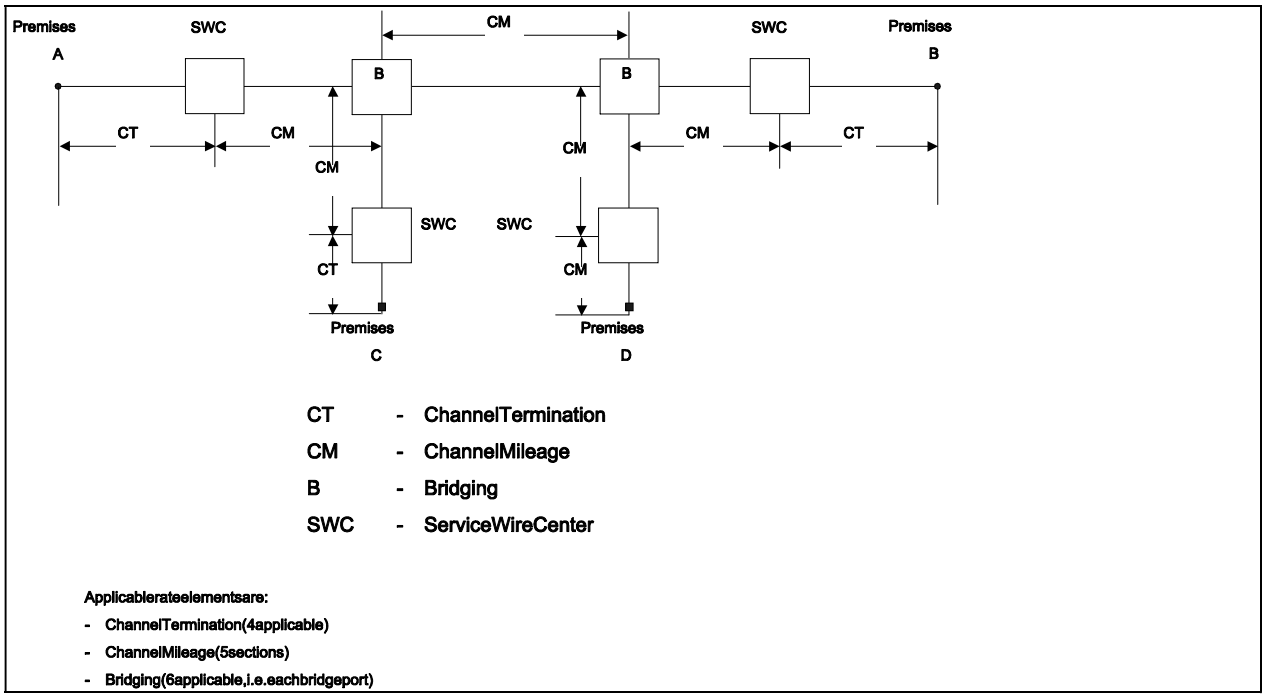
7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(B) Multipoint Service (Cont'd)

Example: Voice Grade multipoint service connecting four Non-Competitive End User Channel Terminations via two customer specified bridging hubs. The rate elements under this tariff are the Non-Competitive End User Channel Terminations and any associated Bridging. (C) (N) | (N)



ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.4 Alternate Use

Alternate Use occurs when a service is arranged by the Telephone Company so that the customer can select different types of transmission at different times. A customer may use a service in any privately beneficial manner. However, where technical or engineering changes are required to effectuate an alternate use, the Telephone Company will make such special arrangements available on an individual case basis.

The arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual case basis and filed in Section 12, Specialized Service or Arrangements. The customer will pay the stated tariff rates for the Access Service rate elements for the service ordered (i.e., Non-Competitive End User Channel Terminations and Optional Features [if any]. (C) (D)

7.1.5 Special Facilities Routing

A customer may request that the facilities used to provide Special 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 this section and in 11. following:

7.1.6 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. 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.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.7 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:

(A) For Voice Grade analog and WATS Access Line services, acceptance tests will include test for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.

(B) For other analog services and for digital services (i.e., Digital Data High Capacity) acceptance tests will include tests for the parameters applicable to the service as specified in the order for service. (D)

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Service to test other parameters, as described in 13.3.4(B)(1) following, is available at the customer's request. All test results will be made available to the customer upon request.

7.1.8 Ordering Options and Conditions

Special Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.9 Special Access Surcharge

In addition, a Special Access Surcharge as set forth in 7.5.14 following will apply to jurisdictionally interstate private line facilities provided by the Telephone Company to a customer, in accordance with regulations as set forth in 7.4.2 following.

7.1.10 Connections with Other Network Services

Special Access Service may be ordered to allow connections between the end user premises and serving wire center which provides Other Network Services.

7. Special Access Service (Cont'd)

7.2 Service Descriptions

For the purposes of ordering, these are the categories of Special Access Service: (T) (T)

Voice Grade (VG)
WATS Access Connection (WAC)

(D)

Digital Data (DA)
High Capacity (HC)

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service are described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VGC. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. These two letter codes are shown above in parentheses following the category of Special Access Service. The letter "C" following the two letter code indicates the technical specifications package for a customized service. A numeric or alpha-numeric designation following the two letter code indicates the specific predefined package. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

Channel interfaces at each point of termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical. However, communications can only be provided between points of termination with compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in 7.3.5 following in a combination format.

Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth at the end of this 7.2. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.

The optional features and functions available with each type of Non-Competitive End User Channel Termination are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top. (C) (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this tariff. All services installed after the effective date of this tariff will conform to the transmission specifications standards contained in this tariff or in the following Technical References for each category of service:

Voice Grade	TR-NWT-000335, Issue 3	(D)
WATS Access Line	GR-334-CORE, Issue 1	(D)
		(D)
		(D)
		(D)
		(D)
		(D)
		(D)
		(D)
		(D)
Digital Data	TR-NWT-000341, Issue 2	
Secondary Channel	TR-NPL-000157, Issue 2 PUB 62310	(T)(x)

(x) TR-NPL-000157, Issue 2 replaces TR-NPL-000157, Issue 1 in its entirety.

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

High Capacity	GR-54-CORE, Issue 1 GR-342-CORE, Issue 1 GR-499-CORE, Issue 4	(T)(x) (D) (D)

(x) GR-499-CORE, Issue 4, replaces GR-499-CORE, Issue 3, in its entirety.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)
7.2.1 Reserved for Future Use (C) (D)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)
7.2.2 Reserved for Future Use (C) (D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service#

(A) Basic Channel Description

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated as analog two-wire or four-wire, or, where facilities permit, as a four-wire in a digital format when used in conjunction with another Voice Grade Channel Termination at the other end. Voice Grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

Service availability limited. Refer to # footnote on Page 14-112. (N)

Certain material previously found on this page can now be found on Original Page 14-112.

ACCESS SERVICE

7. Special Access Service (Cont'd)

Material previously found on this page can now be found on Original Page 14-112.

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7. Special Access Service (Cont'd)

Material previously found on this page can now be found on Original Page 14-112.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(B) Technical Specifications Packages

		Package VG-											
Parameter	C*	1	2	3	4	5	6	7	8	9	10	11	12
Attenuation Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X	X		X		X	X			X	X
Envelope Delay Distortion	X						X	X	X	X	X	X	X
Frequency Shift	X						X	X	X	X	X	X	X
Impulse Noise	X					X	X	X	X	X	X	X	X
Intermodulation Distortion		X						X	X	X	X	X	X
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X
Phase Hits, Gain Hits, and Dropouts													X
Phase Jitter		X						X	X	X	X	X	X
Signal-to-C Message Noise													X
Signal-to-C Notch Noise	X					X	X	X	X	X	X	X	X

* The desired parameters are selected by the customer from the list of available parameters.

\# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(B) Technical Specifications Packages (Cont'd)

The technical specifications for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference TR-NWT-000335, Issue 3.

(C) Channel Interfaces

The following channel interfaces for Voice Grade service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in 7.3.5(C) following.

(D) Optional Features and Functions

(1) Central Office Bridging Capability

(a) Voice Bridging (two-wire and four-wire)

(b) Telephoto Bridging (two-wire and four-wire)

Service availability limited. Refer to # footnote on Page 14-112. (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(1) Central Office Bridging Capability (Cont'd)

(e) Telemetry and Alarm Bridging

Split Band, Active Bridging

Active Bridging

(2) Reserved

(3) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services. C-Type conditioning controls attenuation distortion and envelope delay distortion. Sealing Current helps maintain continuity on dry metallic loops.

In addition, a customer may require that either the attenuation distortion or the envelope delay distortion, or both, be improved to more stringent specifications than those provided for C-Type conditioning. In these cases the customer has the option of ordering either Improved Attenuation Distortion or Improved Envelope Delay Distortion, or both, as needed.

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid link or end link. C-Type conditioning and Data Capability may be combined on the same service.

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(3) Conditioning (Cont'd)

(a) C-Type Conditioning

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are:

Attenuation Distortion (Frequency Response) Relative to 1004 Hz

Frequency Variation Range (Hz)	(dB)
504-2804	-1.0 to +3.0
304-3004	-2.0 to +6.0

Envelope Delay Distortion Frequency Range (Hz)	Variation (micro-seconds)
1004-2604	≤ 500
604-2604	≤ 1500
504-2804	≤ 3000

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(3) Conditioning (Cont'd)

(b) Improved Attenuation Distortion

Improved attenuation distortion is provided for additional control of attenuation distortion. The improved attenuation distortion specifications are:

Attenuation Distortion (Frequency Response) Relative to 1004 Hz	
Frequency Variation Range (Hz)	(dB)
404-2804	-1.0 to +2.0
304-3004	-1.0 to +3.0
304-3204	-2.0 to +6.0

(c) Improved Envelope Delay Distortion

Improved envelope delay distortion is provided for additional control of envelope delay distortion. The improved envelope delay distortion specifications are:

Envelope Delay Distortion	
Frequency Range (Hz)	Variation (micro-seconds)
1004-2604	≤ 100
804-2604	≤ 200
604-2604	≤ 300
504-2804	≤ 600
504-3004	≤ 3000

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(3) Conditioning (Cont'd)

(d) Sealing Current Conditioning

Sealing Current Conditioning is provided to help maintain continuity on dry metallic loops. It is usually associated with four-wire DA or NO type channel interfaces.

(4) Customer Specified Premises Receive Level

This option allows the customer to specify the receive level at the Point of Termination. The level must be within a specific range on effective four-wire transmission. The ranges are delineated in Technical Reference TR-NWT-000335, Issue 3.

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(5) Improved Termination and Improved Return Loss

(a) Improved Termination - On Effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each two-wire port): Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Termination parameters are delineated in Technical Reference TR-NWT-000335, Issue 3.

(b) Improved Return Loss - On Effective Two-Wire Transmission at Two-Wire Point of Termination: Provides for more stringent Echo Control Specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The Improved Return Loss parameters are delineated in Technical Reference TR-NWT-000335, Issue 3.

(6) Data Capability

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability provides for the control of Signal to C-Notched Noise Ratio and intermodulation distortion. It is available for two-point services or multipoint services.

The Signal to C-Notched Noise Ratio and intermodulation distortion parameters for Data Capability are:

- Signal to C-Notched Noise Ratio is equal to or greater than 32dB

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(6) Data Capability (Cont'd)

- Intermodulation distortion:
- Signal to second order modulation products (R2) is equal to or greater than 38dB
- Signal to third order modulation products (R3) is equal to or greater than 42dB

When a service equipped with Data Capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

(7) Reserved.

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(8) Signaling Capability

Signaling Capability provides for the process by which one customer premises alerts another customer premises on the same service with which it wishes to communicate.

(9) Reserved

(10) Reserved

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package VG-											
	C	1	2	3	4	5	6	7	8	9	10	11	12
C-Type Conditioning	X					X	X	X	X	X	X		
Central Office Bridging Capability	X		X			X	X				X	X	X

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

	Available with Technical Specifications Package VG-												
	C	1	2	3	4	5	6	7	8	9	10	11	12
Data Capability Improved Termination	X						X	X			X		
For Effective Four-Wire Transmission	X	X	X	X	X	X	X	X	X	X	X	X	X
Improved Return Loss For Effective Two-Wire Transmission	X		X	X			X	X			X		
Sealing Current Conditioning For Effective Four-Wire Transmission	X					X	X				X		
Signaling Capability	X	X	X	X				X	X	X			

(11) Effective Four-Wire Transmission with Two-Wire Interface

When a customer requests that an effective Four-Wire channel be terminated with a Two-Wire interface at the customer designated premises, then this optional feature applies. Placement of Telephone Company Equipment (Hybrid) is required at the customer's premises to convert the Four-Wire channel to the Two-Wire POT. When this option is ordered, a Four-Wire channel termination charge applies. Per the voice grade technical references, certain voice grade service are always provisioned as Four-Wire services and will be billed as a Four-Wire Channel Termination.

(C)

Service availability limited. Refer to # footnote on Page 14-112.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)
7.2.3.1 WATS Access Line Service#
(A) Basic Channel Description

A WATS Access Line Service is a channel which provides voice frequency transmission capability. The service provides customer premise to customer premise connection through the combination of a WATS Access Connection (WAC), a dedicated channel between the customer's end user's premises and a WATS Serving Office (WSO) equipped with Lineside BSA or Trunkside BSAs service as set forth in Section 6 preceding. The WAC is dedicated to one customer who has the ability to transport traffic interstate.

Certain material previously found on this page can now be found on Original Page 14-112.

Service availability limited. Refer to # footnote on Page 14-112. (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

Material previously found on this page can now be found on Original Page 14-112.

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7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)

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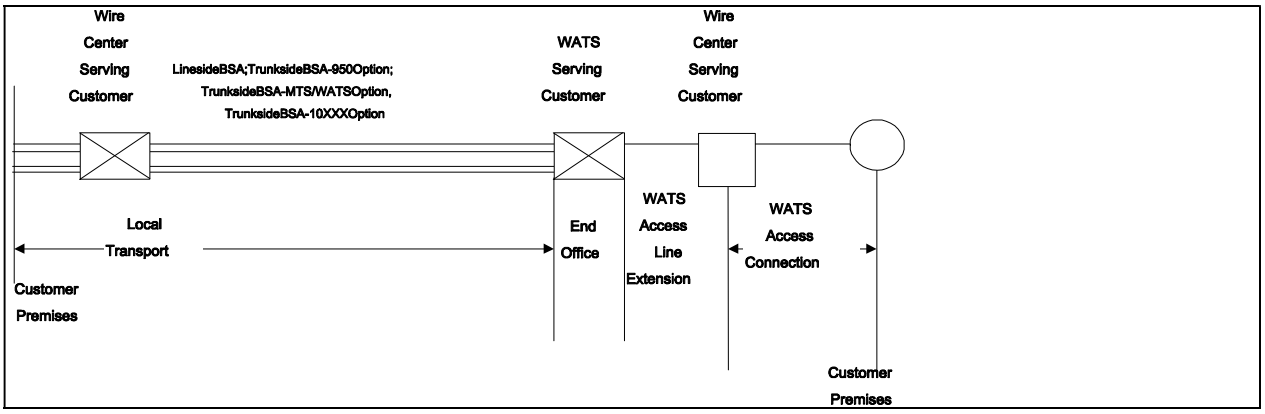
ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)
7.2.3.1 WATS Access Line Service# (Cont'd)
(A) Basic Channel Description (Cont'd)

The WAC is comprised of a Channel Termination from the customer's end user serving wire center to the customer's end user premises.



WATS Access Line Service is service arranged for originating, terminating or two way transmission to or from an end user's premises at the option of the customer. It is provided with rotary dial or dual tone multifrequency address signaling and with either loop start or ground start signaling. Two way WATS Access Line Service is subject to recording capability and central office capacity.

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3.1 WATS Access Line Service# (Cont'd)

(A) Basic Channel Description (Cont'd)

Originating only and Two Way (originating only) WATS Access Line Service customers, at their option and at no charge, may be provided access to test lines in their local central office to test the WATS Access Connection. Access to two types of lines is available, balance (Type 100) and milliwatt (Type 102). Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Connections are provided.

(B) Technical Specifications Packages

	Packages WAL -		
Parameters	1	2	3
Attenuation Distortion	X	X	
Bit Error Rate			X
C-Message Noise	X	X	
Echo Control	X	X	
Envelop Delay Distortion	X	X	
Frequency Shift	X	X	
Impulse Noise	X	X	
Intermodulation Distortion	X	X	
Loss Deviation	X	X	
Phase Jitter	X	X	
Signal-to-C Notch Noise	X	X	

WACs are offered as either effective two-wire, effective four-wire, high capacity or improved two-wire access connections. The technical limitations are delineated in Technical Reference GR-334-CORE, Issue 1.

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3.1 WATS Access Line Service# (Cont'd)

(C) Channel Interfaces

Compatible channel interfaces are set forth in 7.3.5(D) following.

(D) Optional Features and Functions

(1) Central Office Bridging Capability

(a) Voice Bridging (two-wire and four-wire)

(2) Improved Two-Wire Transmission Specifications

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3.1 WATS Access Line Service# (Cont'd)

(E) Service Provision Restrictions

The provision of WATS Access Line Service, as described in (A), (B), (C) and (D) preceding, is subject to individual state restrictions governing the provision of intrastate access services and intrastate competition in general. Individual state restrictions are as follows:

(1) State of New Jersey

Interexchange carriers are not authorized to offer intrastate intraLATA WATS Service in New Jersey by order of the New Jersey Board of Public Utilities. Intrastate intraLATA calling must conform to the rules and regulations of the New Jersey Board of Public Utilities. Originating intrastate intraLATA WATS calls are subject to blocking or completion by Verizon New Jersey Inc., as directed or allowed by the New Jersey Board of Public Utilities. Terminating intrastate interLATA (Toll Free*) calls should be returned by the customer to Verizon New Jersey Inc. for completion, or if this is not possible due to technical limitations and such calls are completed, billing information should be returned to Verizon New Jersey Inc. to allow Verizon New Jersey Inc. to bill such calls as its own traffic.

* "Toll Free" service includes any access service which utilizes the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3.1 WATS Access Line Service# (Cont'd)

(E) Service Provision Restrictions

(2) State of Virginia

Interexchange carriers are not authorized to offer intraLATA WATS Service in Virginia by order of the Virginia State Corporation Commission. IntraLATA WATS calls will either be blocked, or diverted to Verizon Virginia LLC for completion, at the customer's option.

(F) WATS Access Line Extensions (WALE)

When WATS Access Line Service is ordered to the end office that normally serves the customer and that office is without WATS screening capability, service is provided from the nearest end office with WATS screening capability (WSO).

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.4 Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.5 Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.6 Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.7 Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)
7.2.8 Digital Data Service#
(A) Basic Channel Description

A Digital Data channel is a channel for duplex transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56 or 64 kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are only available via Telephone Company designated hubs and are provided between customer designated premises between a customer designated premises and a Telephone Company Hub, or between a customer designated premises and a wire center where connection to an advanced data service## occurs. Subrating is not available at the 19.2 kbps speed and the 64 kbps speed requires B8ZS Line Code Formatted Signal.

Service availability limited. Refer to # footnote on Page 14-112. (N)

Advanced data services include frame relay services and ATM-cell relay services.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

Material previously found on this page can now be found on Original Page 14-112.

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Digital Data Service# (Cont'd)

(B) Technical Specifications Packages

	Package DA-					
Parameter	1	2	3	4	5	6
Error-Free Seconds	X	X	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical Reference PUB 62310.

Voltages which are compatible with Digital Data Service are delineated in Technical Reference TR-NWT-000341, Issue 2.

Channel Interface requirements necessary for Secondary Channel Capability are contained in Technical Reference TR-NPL-000157, Issue 2.

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Digital Data Service# (Cont'd)

(C) Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a Digital Data channel:

CI	Bit Rate
DU-24	2.4 kbps
DU-48	4.8 kbps
DU-96	9.6 kbps
DU-19	19.2 kbps
DU-56	56.0 kbps
DU-64	64.0 kbps

Compatible channel interfaces are set forth in 7.3.5(I) following.

(D) Optional Features and Functions

(1) Central Office Bridging Capability

(2) Reserved

(3) Secondary Channel

Secondary Channel (SC) is an optional arrangement which provides a derived lower speed Digital Data companion channel which is independent of the primary Digital Data Service channel. SC allows customers to perform Network Management, diagnostic and maintenance applications on their Digital Data Networks.

Service availability limited. Refer to # footnote on Page 14-112. (C)

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Digital Data Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(3) Secondary Channel (Cont'd)

Secondary Channel is provided only at the 2.4, 4.8, 9.6 and 56 kbps DDS speeds and is available as a point-to-point or multipoint service except for multipoint service at 56 Kbps. Due to transmission equipment restrictions, SC cannot be provided on 56 Kbps circuits that require the installation of Loop Repeater equipment.

The Secondary Channel option is only available on new orders for service. The addition of SC to an existing Digital Data Service will be treated as a disconnect of the existing service and a new connect for the service with SC.

The Technical specifications for this feature are as described in Technical Reference TR-NPL-000157, Issue 2. The bit rates of the SC are as shown in the following table:

Digital Data Channel Transmission Speed	Secondary Channel Transmission Speed
2.4 Kbps	133 bps
4.8 Kbps	266 bps
9.6 Kbps	533 bps
56.0 Kbps	2.666 Kbps

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package DA-			
	1	2	3	4
Central Office Bridging Capability	X	X	X	X
Secondary Channel	X	X	X	X

Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service

(A) Basic Channel Description

A High Capacity channel is a channel for the digital transmission of 1.544 or 44.736 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises, between a customer designated premises and a Telephone Company Hub, between a customer designated premises and a wire center where connection to an advanced data service# occurs. High Capacity channels may also be connected to the following Telephone Company provided services, provided that such connections are technically and operationally feasible, as determined by the Telephone Company: (D) (D)

in-service integrated optical service
in-service point to point SONET service

(1) DS1 High Capacity/1.544 Mbps Service

DS1 service (a 1.544 Mbps facility) is provided with an electrical interface.

(D)
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(2) DS3 High Capacity/44.736 Mbps Services

DS3 service is available in standard channel termination configurations and is provided with an electrical interface.

Advanced data services include frame relay services and ATM-cell relay services.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(A) Basic Channel Description (Cont'd)

(2) DS3 High Capacity/44.736 Mbps Services (Cont'd)

DS3 channels can be connected at the wire center serving that premises to individual terminating DS3 channels, individual DS3 channels for multiplexing at designated Hubs, or to other DS3 services for multi-DS3 premises-to-premises connections. DS3 Channel Mileage and the DS3 to DS1 multiplexing function are detariffed. (D) (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(B) Technical Specifications Packages

Parameter	Package HC-0	HC-1	HC-1C	HC-3
Error-Free Seconds				X

(C) Channel Interfaces

Compatible channel interfaces are set forth in 7.3.5(J) following. The following channel interfaces (CIs) define the bit rates that are available for a High Capacity channel:

CI	Bit Rate
DS-15	1.544 Mbps (DS1)
DS-44	44.736 Mbps (DS3)

(D) Optional Features and Functions

(1) Reserved. (C) (D) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Reserved. (C)

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(D)

(3) Central Office Multiplexing

Central Office Multiplexing is detariffed. (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(D)

(D)

(4) Clear Channel Capability (CCC)

(a) CCC is an arrangement that allows a customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps High Capacity channel or a 1.544 Mbps High Capacity channel subtending from a multiplexed 44.736 Mbps High Capacity channel with no constraint on the quantity or sequence of ones (mark) and zero (space) bits. This arrangement requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code as described in Technical References GR-54-CORE, Issue 1, and GR-342-CORE, Issue 1.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(4) Clear Channel Capability (CCC) (Cont'd)

(b) CCC is provided on 1.544 Mbps High Capacity channels between two customer designated premises and on multiplexed 44.736 High Capacity channels or multiplexed 1.544 High Capacity channels* between a telephone company Hub office and a customer designated premises, and is subject to the availability of facilities.

(c) The optional feature may be ordered at the same time the High Capacity service is ordered or it may be ordered as an addition to an existing High Capacity service. Customers must agree to out-of-service periods required to add this feature to an existing High Capacity service.

* Available only in a DS1-to-Digital Multiplexed Configuration.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(5) Extended Superframe Format

Extended Superframe Format is an optional feature that passes a customer provided framing format for 1.544 Mbps High Capacity service. Extended Superframe Format extends the customer's 1.544 Mbps framing structure from 12 to 24 frames and divides the 8 Kbps 193rd bit position pattern into three distinct functionalities: 2 kbps for frame synchronization, 2 kbps for cyclic redundancy checking, and 4 kbps used for performance monitoring information.

Certain material previously found on this page can now be found on Original Page 7-70.2.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(6) Shared Network Arrangement

(a) A Shared Network Arrangement is a service offering that enables a customer (the "Service User") to connect subtending services to the multiplexed High Capacity service or IntelliMux® service of another customer (the "Host Subscriber"), with the Telephone Company maintaining separate records and billing for each. Each customer will be billed for those rate elements associated with his own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User obtains either subtending Voice Grade or Digital Data Service circuits from a Host's multiplexed DS1 service, or DS1 circuits from a Host's multiplexed DS3 service. (D)

(b) Under the Shared Network Arrangement, the Telephone Company may share with the host subscriber record information pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the Telephone Company as is necessary to perform billing reconciliations and/or other functions required in connection with maintaining account records.

(c) Section 7.4.14 contains rate regulations specific to Shared Network Arrangements.

(D)
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions

(7) Alternate Serving Wire Center

(a) Alternate Serving Wire Center (ASWC) is an optional feature which provides a transmission path for a High Capacity Service between the customer's designated premises and a serving wire center separate from the normal serving wire center.

(b) The Telephone Company will designate the serving wire center to be used as the alternate. The ASWC feature is available where contiguous wire centers with adjacent fiber feeder routes exist. Where facilities are not available, Special Construction rates and regulations may apply as set forth in the appropriate Special Construction tariff. Where service is available, provisioning is based on a Negotiated Interval as described in 5.2.1(B) preceding.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

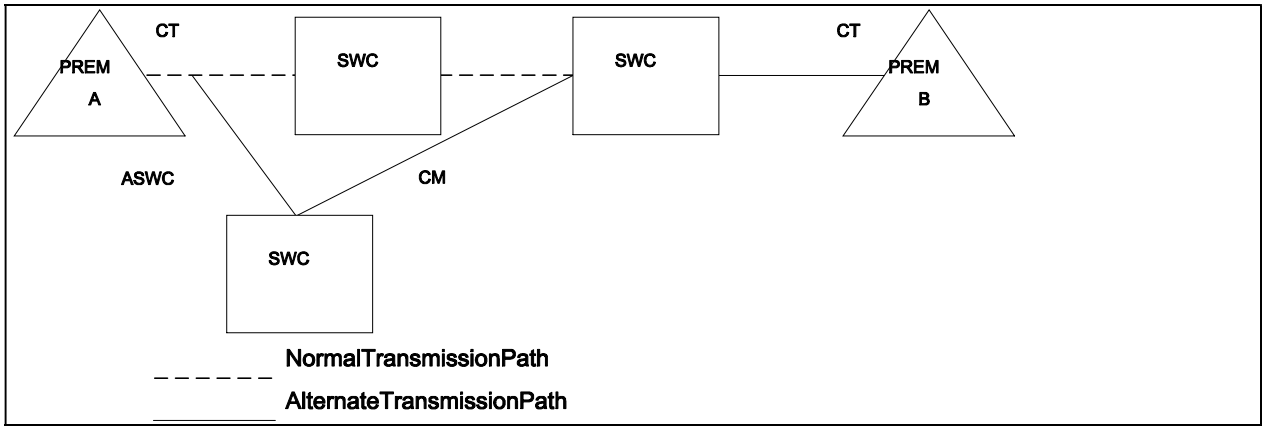
7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(7) Alternate Serving Wire Center (Cont'd)

(c) The monthly rate for Alternate Serving Wire Center associated with a Non-Competitive End User Channel Termination, as specified in 7.5.9(C)(5) following, applies per point of termination, and is in addition to the Channel Terminations and Channel Mileage rates and charges for each High Capacity service provided over the alternate path. (D) (D) (D)

Example: Rate application for a High Capacity service connecting two Non-Competitive End User Channel Terminations via ASWC.



Rate Elements	Applicable Charges
2 Channel Terms (CT)	Monthly and nonrecurring
Channel Mileage (CM) (detariffed)	Monthly
1 ASWC	Monthly

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package HC-				
	0	1	1C	3	
Clear Channel Capability		X		X	(D)
Extended Super Frame Format				X	(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.10 Reserved for Future Use (C)

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.11 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

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(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.12 IntelliMux® Service

IntelliMux® Service is detariffed. (N)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)
7.2.13 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(A) General (Cont'd)

Technical specifications are delineated in the following Technical References: (T) (T)

GR-253-CORE, Issue 4 (C)(x)
"Synchronous Optical Network (SONET) Transport Systems: Common Generic Criteria"

GR-1374-CORE, Issue 1 (T)
"SONET Inter-Carrier Interface Physical Layer Generic Criteria for Carriers"

ANSI T1.105.01-2000 (R2005) (C)(x)
"Synchronous Optical Network (SONET) - Basic Description including Multiplex Structure, Rates and Formats"

IEEE 802.3-2005/Cor2/D2.0-2007, Telecommunications and information exchange between systems-Local and Metropolitan Areas Networks-Specific Requirements-Part 3. (C)(x)

IEEE 802.3z-1998, Supplement to Standard for Information Technology-Local and Metropolitan Area Networks, Part 3. (C)(x)

(x) GR-253-CORE, Issue 4, replaces GR-253-CORE, Issue 3, in its entirety.
IEEE 802.3-2005/Cor2/D2.0-2007 replaces ANSI X3.802.3 in its entirety.
IEEE 802.3z-1998 replaces ANSI X3.802.3z in its entirety.
ANSI T1.105.01-2000 (R2005) replaces ANSI T1.105-1995 in its entirety.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(B) Definitions

Add/Drop Multiplexing, (ADM): a multiplexing function that allows lower level signals to be added or dropped from an optical carrier channel.

Customer Access Ring, (CAR): a survivable fiber ring that is constructed through at least two Central Offices/Wire Centers. Cars utilize unidirectional path-switched ring ADMs, typically operating at OC3 and OC12 rates.

Enhanced DSR node: See also the definition of Node following. An enhanced DSR node, available after March 20, 2003, provides additional feature functionality that is not available with the existing first-generation DSR nodes. Enhanced DSR nodes are capable of supporting DS1 and Gigabit Ethernet ports at the OC12, OC48 and OC192 levels. (T) (T) (T)

Fiber path diversity: the provision of service using at least two fibers placed on physically separate paths, i.e., different conduit runs that do not pass through the same manhole(s). The cable paths are separated by at least 25 feet.

High Speed Interface: a DSR or IOTS rate element on a partial ring service that allows high speed interconnection of the Company's facilities to the facilities of the customer or of a third party. High speed interconnection is provided at a fiber meet location that is mutually agreed upon by the Company and the customer. (T)

Node: a DSR rate element and a designation of either a customer location or Company wire center on a SONET ring that has ADM capability. It is also the address of where a channelized (lower speed) service originates or terminates on a ring. Generally, the ring capacity determines the type of node. For DSR, see also Enhanced DSR node. (T) (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(B) Definitions (M)

Optical Carrier Rate, (OC #): a SONET transmission signal/speed, line rate, or service. The rates are in multiples of an OC1, which is equivalent to an STS1 (51.84 Mbps), SONET's basic rate.

OC(#) Rate	Bandwidth Capacity
3	155.52 Mbps
12	622.08 Mbps
48	2.488 Gbps
192	9.952 Gbps

Optical Carrier Rate Concatenated, (OC#c): a "clear channel" SONET transmission using only one framing format. Generally, an OC3 signal provides three STS1s frame formats with 3 overheads for a total capacity of 2268 bytes per Synchronous Payload envelope (SPE) frame; in an OC3c signal, one STS3c frame format is used with one overhead, increasing the total payload capacity to 2340 bytes per SPE frame. (M)

Material now shown on this page previously appeared on Page 7-99.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(B) Definitions (Cont'd)

OC12/3, (OC12 over 3): a node designation that denotes a ring line rate of OC12, but with port interface capability and capacity equal to OC3. An OC12 DSR could have one, some or all OC12/3 nodes.

OC12+3, OC48+3,OC192+3,OC192+12,and OC192+48: designations for nodes in ring-on-ring designs; the higher speed ADM is part of the true ring, and the lower speed ADM is connected for the purpose of mapping lower speed services onto the STS1s of the OC12, OC48 or OC192. Both nodes, the lower and higher speed node, of a ring-on-ring arrangement must be located in the same customer premises or wire center.

Port: a DSR rate element that denotes the interface at which a channelized or lower speed service terminates or originates at a DSR node.

Port Node: an arrangement on a DSR that interconnects the main DSR ring with a subtending DSR ring. (N) (N)

SONET, (Synchronous Optical NETwork): an international standard for the transmission of high capacity bandwidth over optical facilities. This synchronous transmission platform utilizes a modular multiplexing approach. Because of the large bandwidth, some of the payload is used to monitor, protect, manage and improve the transmission of the signal.

Subtending Ring: a DSR Service that subtends (interconnects with) a DSR main ring. (N) (N)

Synchronous Transport Signal Level, (STS1): a 51.84 Mbps signal that is the electrical equivalent of the OC1 or a DS3 with additional Mbps devoted to SONET overhead information. An STS1 can carry a DS3 or 28 DS1s when specifically formatted (Mapped). These DS1s may be accessed off-ring using the tariffed DS3 to DS1 multiplexing optional service or at an enhanced node via a DS3 Transmux port.

Transmuxing: the function of a DSR DS3 Transmux port that performs a DS3 to DS1 conversion at a DSR Enhanced Node. The DS3 to DS1 conversion allows a single DSR DS3 Transmux port (which includes a DS3 Transmux Facility to which the DS1 circuits are mapped) to be a facility associated with up to twenty-eight (28) VT1.5 mapped DSR DS1 ports. Such DS3 Transmux Facility will be provisioned upon ordering the associated DS1 Transmux port. Transmuxing within the DSR network retains DS1 visibility allowing for full, proactive maintenance capability of the DS1 signals.

Virtual Tributary, (VT): A SONET structure designed for transport of sub-STS1 payloads. A DS1 is mapped into the SONET format using a VT1.5 as a packaging mechanism that is internal to the SONET signal.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions

(1) Reserved (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

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7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes

This section explains the Channel Interface codes and Network Channel codes that the customer must specify when ordering Special Access Service. Included is an example which explains the specific characters of the code, a glossary of Channel Interface codes, impedance levels, Network Channel codes and compatible Channel Interfaces.

Example: If the customer specifies a MT Network Channel Code and a 2DC8-3 Channel Interface at the customer's premises, the following is being requested:

MT =	Metallic Channel with a Predefined Technical Specification Package (1)
2 =	Number of physical wires at customer premises
DC =	Facility interface for direct current or voltage
8 =	Variable impedance level
3 =	Metallic facilities (DC continuity) for direct current/low frequency control signals or slow speed data (30 baud)

7.3.1 Glossary of Channel Interface Codes and Options

Code	Option	Definition	
			(D)
			(D)
AC -		accepts 20 Hz ringing signal at customer's end user's point of termination	
AH -		analog high capacity interface	
-	B	60 kHz to 108 kHz (12 channels)	
-	C	312 kHz to 552 kHz (60 channels)	
-	D	564 kHz to 3084 kHz (600 channels)	
CT -		Centrex Tie Trunk Termination	
CX -		Digital Termination on a Switch	
DA -		data stream in VF frequency band at customer's end user's point of termination	
			(D) | | | (D)
DC -		direct current or voltage	
-	1	monitoring interface with series RC combination (McCulloh format)	(T)
-	2	Telephone Company energized alarm channel	
-	3	Metallic facilities (DC continuity) for direct current/low frequency control signals or slow speed data (30 baud)	

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

Code	Option	Definition	
DD -		DATAPHONE Select-A-Station (and TABS) interface at customer's point of termination	
DE -		DATAPHONE Select-A-Station (and TABS) interface at the customer's end user's point of termination	
DS -		digital hierarchy interface	
-	15	1.544 Mbps (DS1) format per PUB 62411 and Supplement A plus D4	
-	15B	1.544 Mbps (DS1) format per PUB 62411 and Supplement A plus D4 with B8ZS clear channel capability	
-	15E	8-bit PCM encoded in one 64 Kbps of the DS1 signal	
-	15F	8-bit PCM encoded in two 64 Kbps of the DS1 signal	
-	15G	8-bit PCM encoded in three 64 Kbps of the DS1 signal	
-	15H	14/11-bit PCM encoded in six 64 Kbps of the DS1 signal	
-	15J	1.544 Mbps format per Technical Reference GR-54-CORE, Issue 1	
-	15K	1.544 Mbps format per Technical Reference GR-54-CORE, Issue 1, plus extended framing format	
-	15L	1.544 Mbps (DS1) with SF signaling	
-	15S	1.544 Mbps (DS1) with B8ZS clear channel capability per Technical Reference Technical Reference GR-342-CORE, Issue 1, plus extended framing	(D)
			(D)
-	44	44.736 Mbps (DS3)	
	44A	44.736 Mbps (DS3 unchannelized and C-Bit Parity per GR-342	
	44I	44.736 Mbps (DS3) with C-Bit Parity format	
-	44L	44.736 Mbps (DS3) with SF signaling	

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

Code	Option	Definition	
DU	-	digital access interface	(M)(y)
	- 19	19.2 kbps	(M)(y)
	- 24	2.4 Kbps	(M)(y)
	- 24S	2.4 Kbps with secondary channel	(M)(y)
	48	4.8 Kbps	(M)(y)
	- 48S	4.8 Kbps with secondary channel	(M)(y)
	56	56.0 Kbps	(M)(y)
	- 56S	56.0 Kbps with secondary channel	(M)(y)
	- 64	64.0 kbps	(M)(y)
	96	9.6 Kbps	(M)(y)
	- 96S	9.6 Kbps with secondary channel	(M)(y)
	- A	1.544 Mbps format per Technical Reference GR-54-CORE, Issue 1	(C)(x)(y) (C)(x)(y)
	- B	1.544 Mbps format per Technical Reference GR-54-CORE, Issue 1 plus D4	(C)(x)(y) (C)(x)(y)
	- D	1.544 Mbps (DS1) format per Technical Reference GR-54-CORE, Issue 1, plus D4 with B8ZS clear channel capability	(C)(x)(y) (C)(x)(y) (M)(y)
	- C	1.544 Mbps format per Technical Reference GR-54-CORE, Issue 1, plus extended framing format	(C)(x)(y) (C)(x)(y)
	- S	1.544 Mbps (DS1) with B8ZS clear channel Capability per Technical Reference GR-54-CORE, Issue 1, plus extended framing	(M)(y) (C)(x)(y) (M)(y)

(x) GR-54-CORE, Issue 1, replaces PUB 62411, PUB 62411A, and TR-NPL-000054 in their entirety.

(y) Certain material currently appearing on this page previously appeared on Original Page 7-140

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

Code	Option	Definition	
			(D)
			(D)
DY -		duplex signaling interface at customer's end user's point of termination	
EA -	E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.	
EA -	M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.	
EB -	E	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.	
EB -	M	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.	
EC -		Type III E&M signaling at customer POT	
EX -	A	tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions.	
EX -	B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions.	(D)
GO -		ground start loop signaling - open end function by customer or customer's end user	(D)
GS -		ground start loop signaling - closed end function by customer or customer's end user	
-	C	Centrex foreign exchange termination	
-	M	for terminating in central office located answering service concentrator	

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

Code	Option	Definition	
IA -		E.I.A. (25 pin RS-232)	
LA -		end user loop start loop signaling - Type A OPS registered port open end	
LB -		end user loop start loop signaling - Type B OPS registered port open end	
LC -		end user loop start loop signaling - Type C OPS registered port open end	(D)
LO -		loop start loop signaling - open end function by customer or customer's end user	(D) (D)
LS -		loop start loop signaling - closed end function by customer or customer's end user	
NO -		no signaling interface, transmission only	
OP -		Optical Parameter	
-	F	Facility	(D) (D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

Code	Option	Definition	
PR -		protective relaying*	
RV -	O	reverse battery signaling, one way operation, originate by customer	
-	T	reverse battery signaling, one way operation, terminate function by customer or customer's end user	
SF -		single frequency signaling with VF band at customer's end user POT	(D)
SO -		SONET/SONET Digital Hierarchy Optical Interface	
SN -		SONET Network	
-	F	Facility	
TF -		telephotograph interface	

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* Available only for the transmission of audio tone protective relaying signals used in the protection of electric power systems during fault conditions.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

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7.3.2 Impedance

The nominal reference impedance with which the channel will be terminated for the purpose of evaluating transmission performance:

Value (ohms)	Code(s)
110	0
150	1
600	2
900	3+
135	5
75	6
124	7
Variable	8
100	9

+ For those interface codes with a 4-wire transmission path at the customer designated POT, rather than a standard 900 ohm impedance, the code (3) denotes a customer provided transmission equipment termination. Such terminations were provided to customers in accordance with the F.C.C. Docket No. 20099 Settlement Agreement. (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.3 Digital Hierarchy Channel Interface Codes (4DS)

This interface is available to customers that select the multiplexed four-wire DSX-1 or higher facility interface option at the customer designated premises. Customers who have installed multiplexed DS1 systems to a Facility Hub and are connecting individual facilities to these systems to complete service arrangements will be requested to provide subsequent system and channel assignment data. Customers who request these interfaces in conjunction with other compatible non digital interfaces without system and channel assignment data will be provided service, where facilities permit, on Telephone Company DS1 Facilities Inventory. The various digital bit rates in the digital hierarchy employ the channel interface code 4DS9, 4DS0 or 4DS6 plus the speed options indicated below:

Electrical Interface Code and Speed Option	Nominal Bit Rate (Mbps)	Digital Hierarchy Level
4DS9-15	1.544	DS1
4DS6-44	44.736	DS3

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.4 Service Designator/Network Channel Code Conversion Table

The purpose of this table is to show the relationship between the service designator codes (e.g., VGC, etc.) and the network channel codes that are used for various administrative purposes. (D)

Service Designator Code	Network Channel Code
	(D)
VGC	LQ
VG1	LB
VG2	LC
	(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.4 Service Designator/Network Channel Code Conversion Table (Cont'd)

Service Designator Code	Network Channel Code	
VG3	LD	(D)
VG4	LE	|
VG5	LF	(D)
VG6	LG	
VG7	LH	
VG8	LJ	
VG9	LK	
VG10	LN	
VG11	LP	
VG12	LR	
WAC	SE	
WAC	SF	
DA1	XA	
DA2	XB	
DA3	XG	
DA4	XH	
DA5	XE	
DA6	YN	
HC0	HS	
HC1	HC	
HC1C	HD	(D)
HC3	HF	(D)
HC3C	HF, QTY 3	

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces

The following tables show the channel interface codes (CIs) which are compatible:

(A) Reserved (C)(D)

(B) Reserved (C)(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade

Compatible CIs		Compatible CIs		Compatible CIs	
4AB2	4AB2	4AH6-C	4DA2	4AH6-D	2DY2
		4AH6-C	2DA2	4AH6-C	9DY2
4AB2	4AC2			4AH6-C	9DY3
4AB3	4AC2	4AH5-B	6DA2	4AH6-C	6DY2
4AB2	2AC2	4AH5-B	4DA2	4AH6-C	6DY3
4AB3	2AC2	4AH5-B	2DA2	4AH6-C	4DY2
2AB2	2AC2			4AH6-C	2DY2
2AB3	2AC2	4AH6-D	4DE2	4AH5-B	9DY2
		4AH6-C	4DE2	4AH5-B	9DY3
4AB2	4SF2	4AH5-B	4DE2	4AH5-B	6DY2
4AB3	4SF2	4AH6-D	2DE2	4AH5-B	6DY3
4AC2	4AC2	4AH6-C	2DE2	4AH5-B	4DY2
4AC2	2AC2	4AH5-B	2DE2	4AH5-B	2DY2
4AH6-D	4AC2	4AH6-D	4DX3	4AH6-D	9EA2
4AH6-D	2AC2	4AH6-C	4DX3	4AH6-D	9EA3
4AH6-C	4AC2	4AH5-B	4DX3	4AH6-D	6EA2-E
4AH6-C	2AC2	4AH6-D	4DX2	4AH6-D	6EA2-M
4AH5-B	2AC2	4AH6-C	4DX2	4AH6-D	4EA2-E
4AH5-B	4AC2	4AH5-B	4DX2	4AH6-D	4EA2-M
				4AH6-C	9EA2
4AH6-D	2CT3	4AH6-D	9DY2	4AH6-C	9EA3
4AH6-C	2CT3	4AH6-D	9DY3	4AH6-C	6EA2-E
4AH5-B	2CT3	4AH6-D	6DY2		
		4AH6-D	6DY3		
4AH6-D	6DA2	4AH6-D	4DY2		
4AH6-D	4DA2				
4AH6-D	2DA2				
4AH6-C	6DA2				

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4AH6-C	6EA2-M	4AH6-D	6GS2	4AH6-D+	2LO2
4AH6-C	4EA2-E	4AH6-D	4GS2	4AH6-C+	2LO3
4AH6-C	4EA2-M	4AH6-D	2GS3*	4AH6-C+	2LO2
4AH5-B	9EA2	4AH6-D	2GS2	4AH5-B+	2LO3
4AH5-B	9EA3	4AH6-C	6GS2	4AH5-B+	2LO2
4AH5-B	6EA2-E	4AH6-C	4GS2		
4AH5-B	6EA2-M	4AH6-C	2GS3*	4AH6-D+	4LR2
4AH5-B	4EA2-E	4AH6-C	2GS2	4AH6-D+	2LR2
4AH5-B	4EA2-M	4AH5-B	6GS2	4AH6-C+	4LR2
		4AH5-B	4GS2	4AH6-C+	2LR2
4AH6-D	8EB2-E	4AH5-B	2GS3*	4AH5-B+	4LR2
4AH6-D	8EB2-M	4AH5-B	2GS2	4AH5-B+	2LR2
4AH6-D	6EB2-E				
4AH6-D	6EB2-M	4AH6-D	2LA2	4AH6-D+	6LS2
4AH6-C	8EB2-E	4AH6-C	2LA2	4AH6-D+	4LS2
4AH6-C	8EB2-M	4AH5-B	2LA2	4AH6-D+	2LS2
4AH6-C	6EB2-E			4AH6-D+	2LS3**
4AH6-C	6EB2-M	4AH6-D	2LB2	4AH6-C+	6LS2
4AH5-B	8EB2-E	4AH6-C	2LB2	4AH6-C+	4LS2
4AH5-B	8EB2-M	4AH5-B	2LB2	4AH6-C+	2LS2
4AH5-B	6EB2-E			4AH6-C+	2LS3**
4AH5-B	6EB2-M	4AH6-D	2LC2	4AH5-B+	6LS2
		4AH6-C	2LC2	4AH5-B+	4LS2
4AH6-D	2G02	4AH5-B	2LC2	4AH5-B+	2LS2
4AH6-D	2G03			4AH5-B+	2LS3**
4AH6-C	2G02	4AH6-D	2LO3		
4AH6-C	2G03				
4AH5-B	2G02				
4AH5-B	2G03				

* The "C" and "M" options as described in 7.3.1 preceding are also available with this combination (i.e., 2GS3-C or 2GS3-M).

** The "M" option as described in 7.3.1 preceding is also available with this combination (i.e., 2LS3-M).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs		Compatible CIs	
4AH6-D	4NO2	4AH6-D	4TF2	2CT3	4SF2	4DS9-*	4AC2
4AH6-D	2NO2	4AH6-D	2TF2	2CT3	4SF3	4DS9-*	2AC2
4AH6-C	4NO2	4AH6-C	4TF2	2CT3	6EB2-E	4DS9-*	6DA2
4AH6-C	2NO2	4AH6-C	2TF2	2CT3	6EB2-M	4DS9-*	4DA2
4AH5-B	4NO2	4AH5-B	4TF2	2CT3	6EB3-E	4DS9-*	2DA2
4AH5-B	2NO2	4AH5-B	2TF2	2CT3	8EB2-E		
		2CT3	2CT3	2CT3	8EB2-M	4DS9-*	4DE2
4AH6-D	4PR2	2CT3	4DS9-*	2CT3	8EC2	4DS9-*	2DE2
4AH6-D	2PR2			4CT2	4DX2	4DS9-*	4DX3
4AH6-C	4PR2	2CT3	6DX2	4CT2	4DS9-*	4DS9-*	4DX2
4AH6-C	2PR2	2CT3	4DX2	4CT2	4SF2		
4AH5-B	4PR2	2CT3	4DX3	4CT2	6EA2-E		
4AH5-B	2PR2			4CT2	6EA2-M		
		2CT3	9DY3	4CT2	8EB2-E	4DS9-*	9DY3
4AH6-D	4RV2-T	2CT3	6DY3	4CT2	8EB2-M	4DS9-*	9DY2
4AH6-D	2RV2-T	2CT3	9DY2	4CT2	8EC2	4DS9-*	6DY3
				6DA2	6DA2		
4AH6-C	4RV2-T	2CT3	6DY2	6DA2	4DA2	4DS9-*	6DY2
4AH6-C	2RV2-T	2CT3	4DY2	6DA2	2DA2	4DS9-*	4DY2
			4DA2	4DA2			
4AH5-B	4RV2-T	2CT3	2DY2	4DA2	2DA2	4DS9-*	2DY2
4AH5-B	2RV2-T			2DA2	2DA2		
		2CT3	9EA3	4DB2	6DA2	4DS9-*	9EA2
4AH6-D	4SF2	2CT3	9EA2	4DB2	4DA2	4DS9-*	9EA3
4AH6-C	4SF2	2CT3	6EA2-E	4DB2	2DA2	4DS9-*	6EA2-E
4AH5-B	4SF2	2CT3	6EA2-M	2DB3	2DA2	4DS9-*	6EA2-M
4AH6-D	4SF3	2CT3	4EA2-E	2DB2	2DA2	4DS9-*	4EA2-E
4AH6-C	4SF3	2CT3	4EA2-M	4DB2	4DB2	4DS9-*	4EA2-M
4AH5-B	4SF3			4DB2	4NO2		
				4DB2	4NO2		
				2DB2	2NO2		
				4DB2	4PR2		
				4DB2	2PR2		
				2DB2	2PR2		
				4DD3	4DE2		
				4DD3	2DE2		

* See 7.3.3 preceding for explanation.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4DS9-*	8EB2-E	4DS9-*	4NO2	4DX3	9DY2
4DS9-*	8EB2-M	4DS9-*	2NO2	4DX2	6DY3
4DS9-*	6EB2-E			4DX3	6DY3
4DS9-*	6EB2-M	4DS9-*	4PR2	4DX2	6DY2
		4DS9-*	2PR2	4DX3	6DY2
4DS9-*	2GO2			4DX2	4DY2
4DS9-*	2GO3	4DS9-*	4RV2-T	4DX3	4DY2
		4DS9-*	2RV2-T	4DX2	2DY2
4DS9-*	6GS2	4DS9-*	2RV3-O	4DX3	2DY2
4DS9-*	4GS2	4DS9-*	4SF2		
4DS9-*	2GS2	4DS9-*	4SF3	6DX2	9EA3
4DS9-*	2GS3**			6DX2	9EA2
		4DS9-*	4TF2	6DX2	6EA2-E
4DS9-*	2LA2	4DS9-*	2TF2	6DX2	6EA2-M
				6DX2	4EA2-E
4DS9-*	2LB2	4DX2	4DX2	6DX2	4EA2-M
		4DX3	4DX2	4DX2	9EA2
4DS9-*	2LC2	4DX3	4DX3	4DX3	9EA2
				4DX2	9EA3
4DS9-*	2LO2	6DX2	9DY3	4DX3	9EA3
4DS9-*	2LO3	6DX2	9DY2	4DX2	6EA2-E
		6DX2	6DY3	4DX3	6EA2-E
4DS9-*	4LR2	6DX2	6DY2	4DX2	6EA2-M
4DS9-*	2LR2	6DX2	4DY2	4DX3	6EA2-M
		6DX2	2DY2	4DX2	4EA2-E
4DS9-*	6LS2	4DX2	9DY3	4DX3	4EA2-E
4DS9-*	4LS2	4DX3	9DY3	4DX2	4EA2-M
4DS9-*	2LS2	4DX2	9DY2	4DX3	4EA2-M
4DS9-*	2LS3***				

* See 7.3.3 preceding for explanation.

** The "C" and "M" options as described in 7.3.1 preceding are also available with this combination (i.e., 2GS3-C or 2GS3-M).

*** The "M" option as described in 7.3.1 preceding is also available with this combination (i.e., 2LS3-M).

ACCESS SERVICE

. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
6DX2	8EB2-E	4DX2	6LS2	9DY2	6DY3
6DX2	8EB2-M	4DX3	6LS2	9DY3	4DY2
6DX2	6EB2-E	4DX3	4LS2	9DY2	4DY2
6DX2	6EB2-M	4DX2	4LS2	9DY2	2DY2
4DX2	8EB2-E	4DX3	2LS3*	9DY3	2DY2
4DX2	8EB2-M	4DX2	2LS3*	6DY3	6DY3
4DX3	8EB2-E	4DX3	2LS2	6DY3	6DY2
4DX3	8EB2-M	4DX2	2LS2	6DY2	6DY2
4DX2	6EB2-E	2DX3	2LS2	6DY3	4DY2
4DX2	6EB2-M	2DX3	2LS3*	6DY3	2DY2
4DX3	6EB2-E			6DY2	4DY2
4DX3	6EB2-M	4DX3	4RV2-T	6DY2	2DY2
		4DX2	4RV2-T	4DY2	2DY2
4DX2	2LA2	4DX3	2RV2-T	4DY2	4DY2
4DX3	2LA2	4DX2	2RV2-T	2DY2	2DY2
2DX3	2LA2	4DX2	2RV3-O	6EA2-E	4AC2
		6DX2	4SF2	6EA2-M	4AC2
4DX2	2LB2	4DX2	4SF2	6EA2-E	2AC2
4DX3	2LB2	4DX3	4SF2	6EA2-M	2AC2
2DX3	2LB2	4DX2	4SF3		
		4DX3	4SF3	9EA2	9DY3
4DX2	2LC2			9EA2	9DY2
4DX3	2LC2	9DY3	9DY3	9EA2	6DY3
2DX3	2LC2	9DY3	9DY2	9EA2	6DY2
		9DY2	9DY2	9EA2	4DY2
4DX2	2LO3	9DY3	6DY3	9EA2	2DY2
4DX3	2LO3	9DY3	6DY2	9EA3	9DY3
2DX3	2LO3	9DY2	6DY2		

* The "M" option as described in 7.3.1 preceding is also available with this combination (i.e., 2LS3-M).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
9EA3	9DY2	4EA2-M	9DY2	4EA3-E	9EA2
9EA3	6DY3	4EA2-M	6DY3	4EA3-E	9EA3
9EA3	6DY2	4EA2-M	6DY2	4EA2-M	4EA2-M
9EA3	4DY2	4EA2-M	4DY2		
9EA3	2DY2	4EA2-M	2DY2	9EA2	8EB2-E
6EA2-E	9DY3			9EA2	8EB2-M
6EA2-E	9DY2	9EA2	9EA2	9EA2	6EB2-E
6EA2-E	6DY3	9EA2	9EA3	9EA2	6EB2-M
6EA2-E	6DY2	9EA2	6EA2-E	9EA3	8EB2-E
6EA2-E	4DY2	9EA2	6EA2-M	9EA3	8EB2-M
6EA2-E	2DY2	9EA2	4EA2-E	9EA3	6EB2-E
6EA2-M	9DY3	9EA2	4EA2-M	9EA3	6EB2-M
6EA2-M	9DY2	9EA3	9EA3	6EA2-E	8EB2-E
6EA2-M	6DY3	9EA3	6EA2-E	6EA2-E	8EB2-M
6EA2-M	6DY2	9EA3	6EA2-M	6EA2-E	6EB2-E
6EA2-M	4DY2	9EA3	4EA2-E	6EA2-E	6EB2-M
6EA2-M	2DY2	9EA3	4EA2-M	6EA2-M	8EB2-E
4EA2-E	9DY3	6EA2-E	6EA2-E	6EA2-M	8EB2-M
4EA2-E	9DY2	6EA2-E	6EA2-M	6EA2-M	6EB2-E
4EA3-E	9DY3	6EA2-M	6EA2-M	6EA2-M	6EB2-M
4EA3-E	9DY2	6EA2-E	4EA2-E	4EA2-E	8EB2-E
4EA3-E	6DY3	6EA2-E	4EA2-M	4EA2-E	8EB2-M
4EA3-E	6DY2	6EA2-M	4EA2-E	4EA3-E	8EB2-E
4EA3-E	4DY2	6EA2-M	4EA2-M	4EA3-E	8EB2-M
4EA3-E	2DY2	4EA2-E	4EA2-E	4EA2-E	6EB2-E
4EA2-E	6DY3	4EA3-E	6EA2-E	4EA2-E	6EB2-M
4EA2-E	6DY2	4EA3-E	6EA2-M	4EA3-E	6EB2-E
4EA2-E	4DY2	4EA3-E	4EA2-E	4EA3-E	6EB2-M
4EA2-E	2DY2	4EA3-E	4EA2-M	4EA2-M	8EB2-E
4EA2-M	9DY3	4EA2-E	4EA2-M		

ACCESS SERVICE

. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4EA2-M	8EB2-M	9EA3	4SF2	6EB3-E	9DY2
4EA2-M	6EB2-E	9EA2	4SF2	6EB3-E	9DY3
4EA2-M	6EB2-M	6EA2-E	4SF3	6EB2-E	6DY2
		6EA2-M	4SF3	6EB3-E	6DY2
6EA2-E	2LA2	6EA2-E	4SF2	6EB2-E	6DY3
6EA2-M	2LA2	6EA2-M	4SF2	6EB3-E	6DY3
		4EA3-E	4SF2	6EB2-E	4DY2
6EA2-E	2LB2	4EA2-E	4SF2	6EB3-E	2DY2
6EA2-M	2LB2	4EA2-M	4SF2	6EB3-E	4DY2
				6EB2-M	9DY2
6EA2-E	2LC2	8EB2-E	4AC2	6EB2-M	9DY3
6EA2-M	2LC2	8EB2-M	4AC2	6EB2-M	6DY2
		8EB2-E	2AC2	6EB2-M	6DY3
6EA2-E	2LO3	8EB2-M	2AC2	6EB2-M	4DY2
6EA2-M	2LO3			6EB2-E	2DY2
		8EB2-E	9DY3	6EB2-M	2DY2
6EA2-E	6LS2	8EB2-E	9DY2		
6EA2-M	6LS2	8EB2-E	6DY3	6EB3-E	9EA2
6EA2-E	4LS2	8EB2-E	6DY2	6EB3-E	9EA3
6EA2-M	4LS2	8EB2-E	4DY2	6EB3-E	6EA2-E
6EA2-E	2LS2	8EB2-E	2DY2	6EB3-E	6EA2-M
6EA2-M	2LS2	8EB2-M	9DY3	6EB3-E	4EA2-E
6EA2-E	2LS3*	8EB2-M	9DY2	6EB3-E	4EA2-M
6EA2-M	2LS3*	8EB2-M	6DY3		
		8EB2-M	6DY2	8EB2-E	8EB2-E
6EA2-E	4RV2-T	8EB2-M	4DY2	8EB2-E	8EB2-M
6EA2-M	4RV2-T	8EB2-M	2DY2	8EB2-M	8EB2-M
6EA2-E	2RV2-T	6EB2-E	9DY2	8EB2-E	6EB2-E
6EA2-M	2RV2-T				
6AE2-E	2RV3-O	6EB2-E	9DY3	8EB2-E	6EB2-M
6AE2-M	2RV3-O				

* The "M" option as described in 7.3.1 preceding is also available with this combination.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
8EB2-M	6EB2-E	8EB2-E	4RV2-T	8EC2	8EB2-M
8EB2-M	6EB2-M	8EB2-M	4RV2-T	8EC2	6EB2-E
6EB2-E	6EB2-E	8EB2-E	2RV2-T	8EC2	6EB2-M
		8EB2-M	2RV2-T		
6EB2-E	6EB2-M	8EB2-E	2RV3-O		
6EB3-E	8EB2-E	8EB2-M	2RV3-O	8EC2	4SF2
6EB3-E	8EB2-M	8EB2-E	4SF2		
6EB2-M	6EB2-M	8EB2-M	4SF2	6EX2-B	2G03
		8EB2-E	4SF3		
8EB2-E	2LA2	8EB2-M	4SF3	6EX2-A	6GS2
8EB2-M	2LA2	6EB3-E	4SF2	6EX2-A	4GS2
		6EB2-E	4SF2	6EX2-A	2GS2
8EB2-E	2LB2	6EB2-M	4SF2	6EX2-A	2GS3**
8EB2-M	2LB2				
		8EC2	9DY2	6EX2-B	2LA2
8EB2-E	2LC2	8EC2	9DY3		
8EB2-M	2LC2	8EC2	6DY2	6EX2-B	2LB2
		8EC2	6DY3		
8EB2-E	2LO3	8EC2	4DY2	6EX2-B	2LC2
8EB2-M	2LO3	8EC2	2DY2		
				6EX2-B	2LO2
8EB2-E	6LS2	8EC2	9EA2	6EX2-B	2LO3
8EB2-M	6LS2	8EC2	9EA3		
8EB2-E	4LS2	8EC2	6EA2-E	6EX2-B	4LR2
8EB2-M	4LS2	8EC2	6EA2-M	6EX2-B	2LR2
8EB2-E	2LS2	8EC2	4EA2-E		
8EB2-M	2LS2	8EC2	4EA2-M	6EX2-A	6LS2
8EB2-E	2LS3*			6EX2-A	4LS2
8EB2-M	2LS3*	8EC2	8EB2-E	6EX2-A	2LS2
				6EX2-A	2LS3

* The "M" option as described in 7.3.1 preceding is also available with this combination (i.e., 2LS3-M).

** The "C" and "M" options as described in 7.3.1 preceding are also available with this combination (i.e., 2GS3-C or 2GS3-M).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
6EX2-A	4SF2	6LO2	6LS2	4LR2	4SF2
6EX2-B	4SF2	6LO2	4LS2	4LR3	4SF2
		6LO2	2LS2		
6GO2	6GS2	6LO2	2LS3**	6LS2	2LA2
6GO2	4GS2	4LO2	6LS2	4LS2	2LA2
6GO2	2GS2	4LO2	4LS2	4LS3	2LA2
6GO2	2GS3*	4LO3	6LS2	2LS2	2LA2
4GO2	6GS2	4LO3	4LS2	2LS3**	2LA2
4GO3	6GS2	4LO3	2LS3**		
4GO2	4GS2	4LO3	2LS2	6LS2	2LB2
4GO3	4GS2	4LO2	2LS2	4LS2	2LB2
4GO2	2GS2	4LO2	2LS3**	4LS3	2LB2
4GO2	2GS3*	2LO3	2LS3**	2LS2	2LB2
4GO3	2GS2	2LO3	2LS2	2LS3**	2LB2
4GO3	2GS3*	2LO2	2LS2		
2GO2	2GS2	2LO2	2LS3**	6LS2	2LC2
2GO3	2GS2			4LS2	2LC2
2GO2	2GS3*	6LO2	4SF2	4LS3	2LC2
2GO3	2GS3*	4LO2	4SF2	2LS2	2LC2
		4LO3	4SF2	2LS3**	2LC2
6GO2	4SF2				
4GO2	4SF2	4LR3	4LR2	6LS2	2LO3
4GO3	4SF2	4LR3	2LR2	6LS2	2LO2
		4LR2	4LR2	4LS2	2LO2
6GS2	2GO2	4LR2	2LR2	4LS2	2LO3
4GS2	4GO2	2LR2	2LR2	4LS3	2LO2
4GS2	2GO2	2LR3	2LR2	4LS3	2LO3
4GS3	2G02				
4GS2	2GO3				

* The "C" and "M" options as described in 7.3.1 preceding are also available with this combination (i.e., 2GS3-G or 2GS3-M).

** The "M" option as described in 7.3.1 preceding is also available with this combination (i.e., 2LS3-M).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
6LS2	4SF2	4SF3	9DY2	4SF3	2LA2
4LS3	4SF2	4SF2	9DY3		
		4SF3	6DY3	4SF2	2LB2
4NO2	6DA2	4SF2	6DY2	4SF3	2LB2
4NO2	4DA2	4SF2	6DY3		
4NO2	2DA2	4SF3	6DY2	4SF2	2LC2
2NO2	6DA2	4SF2	4DY2	4SF3	2LC2
2NO2	4DA2	4SF3	4DY2		
2NO2	2DA2				
4NO2	4DE2	4SF3	2DY2	4SF2	2LO3
4NO2	2DE2	4SF2	2DY2	4SF3	2LO3
4NO2	4NO2	4SF3	9EA2	4SF2	2LR2
4NO2	2NO2	4SF3	9EA3	4SF3	4LR2
2NO2	2NO2	4SF3	4EA2-E	4SF3	2LR2
2NO3	2NO2	4SF3	4EA2-M		
				4SF3	6LS2
2NO3	2PR2	4SF3	6EB2-E	4SF2	4LS2
		4SF3	6EB2-M	4SF3	4LS2
4RV2-O	4RV2-T			4SF2	2LS2
4RV2-O	2RV2-T	4SF2	2GO3	4SF2	2LS3**
2RV2-O	2RV2-T			4SF3	2LS2
2RV3-O	4RV2-T	4SF3	6GS2	4SF3	2LS3**
4RV2-O	4SF2	4SF2	6GS2		
		4SF2	4GS2	4SF3	4RV2-T
4SF2	4AC2	4SF3	4GS2	4SF2	4RV2-T
4SF2	2AC2	4SF2	2GS2	4SF2	2RV2-T
				4SF2	2RV3-O
		4SF2	2GS3*	4SF3	2RV2-T
4SF3	9DY3	4SF3	2GS2		
4SF2	9DY2	4SF3	2GS3*	4SF3	4SF3
		4SF2	2LA2		

* The "C" and "M" options as described in 7.3.1 preceding are also available with this combination (i.e., 2GS3-G or 2GS3-M).

** The "M" option as described in 7.3.1 preceding is also available with this combination (i.e., 2LS3-M).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

Compatible CIs	
6LS2	4SF2
4LS3	4SF2
4NO2	6DA2
4NO2	4DA2
4NO2	2DA2

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(D) WATS Access Line Service

Compatible CIs		Compatible CIs		Compatible CIs	
4DS9*	4DS9*	2LO3	4DS9*	2RV3-0	4RV2-0
2GO3	4DS9*	2LO3	2LS2	4RV2-0	4DS9*
2GO3	2GS2	2LO3	4LS2	4RV2-0	2RV2-T
2GO3	2GS3	4LO2	4DS9*	4RV2-0	2RV3-T
2GO3	4GS3	4LO2	2LS2	4RV2-0	4RV2-0
4GO2	4DS9*	4LO2	4LS2		
4GO2	2GS2	2RV3-0	4DS9*		
4GO2	2GS3	2RV3-0	2RV2-T		
4GO2	4GS2	2RV3-0	2RV3-T		

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(E) Reserved (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(G) Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(H) Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(I) Digital Data

Compatible CIs		Compatible CIs		Compatible CIs		
		4DS9-15	6DU5-48	4DU5-96	4DU5-96	(D)
4DS9-15	4DU5-24	4DS9-15	6DU5-56	6DU5-24	6DU5-24	
4DS9-15	4DU5-48	4DS9-15	6DU5-96	6DU5-48	6DU5-48	
4DS9-15	4DU5-56	4DU5-24	4DU5-24	6DU5-56	6DU5-56	
4DS9-15	4DU5-96	4DU5-48	4DU5-48	6DU5-96	6DU5-96	
4DS9-15	6DU5-24	4DU5-56	4DU5-56			
4DS9-15	4DU5-24S	4DS9-15	6DU5-48S	4DU5-96S	4DU5-96S	
4DS9-15	4DU5-48S	4DS9-15	6DU5-56S	6DU5-24S	6DU5-24S	
4DS9-15	4DU5-56S	4DS9-15	6DU5-96S	6DU5-48S	6DU5-48S	
4DS9-15	4DU5-96S	4DU5-24S	4DU5-24S	6DU5-56S	6DU5-56S	
4DS9-15	6DU5-24S	4DU5-48S	4DU5-48S	6DU5-96S	6DU5-96S	
		4DU5-56S	4DU5-56S			
4DS9-15	4DU5-19					
4DS9-15	4DU5-64					
4DU5-19	4DU5-19					
4DU5-64	4DU5-64					

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(J) High Capacity

Compatible CIs		Compatible CIs	
		4DS9-15	6DU8-B
		4DS9-15	4DU8-B
		4DS9-15J	6DU8-A
		4DS9-15J	4DU8-A
		4DS9-15K	6DU8-B
		4DS9-15K	4DU8-B
4DS6-44	4DS6-44	4DS9-15K	4DU8-C
4DS6-44	6DU8-A,B or C	4DS9-15K	4DU8-C
4DS6-44	4DU8-A,B or C		
			(D)
4DS9-15J	4DS9-15J		
4DS9-15K	4DS9-15K	4DU8-A,B or C	4DU8-A,B or C
4DS6-44C	4DS9-15	4DS6-44	4DS9-15
4DS6-44C	4DS9-15J	4DS6-44	4DS9-15J
4DS6-44C	4DS9-15K	4DS6-44	4DS9-15K
4DS6-44C	4DU8-A,B or C	4DS6-44C	4DS6-44C
4DS6-44C	4DS6-44	4DS6-44	4DU9-D
4DS6-44C	6DU8-A,B or C	4DS6-44	4DU9-S
4DS6-44	2FCF-45	4DS6-44	4DU9-C
4DS6-44C	2FCF-13	4DS6-44	4DU9-B
4DS6-44G	2FCF-54	4DS6-44	4DS9-15B
2FCF-54	2FCF-54	4DS6-44	4DS9-15S
4DS6-44G	4DS6-44G	4DS9-15S	4DS9-15S
01FCF.X	01FCF.X	4DU9-D	4DU9-D
		4DU9-S	4DU9-S
4DS9-15B	4DS9-15B	4DS9-15B	4DU9-D
4DS9-15K	4DS9-15K	4DS9-15S	4DU9-S
4DS6.44A	4DS6.44A	4DS6.44I	4DS6.44I

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

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7. Special Access Service (Cont'd)
7.4 Rate Regulations

Subject to Section 1.1 preceding, this section contains the specific regulations governing the rates and charges that apply for Special Access Service.

7.4.1 Types of Rates and Charges

There are two types of rates and charges. These are monthly rates and nonrecurring charges. Price Cap rates may be differentiated by "Rate Zones".

Rate Zones are defined in Section 2.6 and are listed in Section 14.6.

Competitive Counties and Non-Competitive Counties are defined in Section 2.6 and the wire centers within such counties are listed in Section 14.8. (D)

(D)

The three types of rates and charges are described as follows:

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(A) Monthly Rates (Cont'd)

(1) Channel Termination Monthly Rates

The channel termination rate structure for DS3 High Capacity Services differs based upon whether or not the channel termination is at a Primary or Secondary Premises. A Primary Premises, which is detariffed, is a customer designated premises where a DS3 High Capacity Service circuit/channel is either originated or terminated. Only one end of the channel can be a Primary Premises. A Secondary Premises is any customer-designated premises other than the Primary Premises. (C) (C)

If one end of a DS3 High Capacity Service channel is either connected to or derived from a higher speed facility (e.g., DSR), the customer location with the DS3 High Capacity channel termination is classified as a Secondary Premises. An alternately routed channel termination will have the same classification (primary or secondary) as the associated DS3 High Capacity Service channel termination. (C) | (C)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(A) Monthly Rates (Cont'd)

(1) Channel Termination Monthly Rates (Cont'd)

(D)

A secondary premises channel termination monthly rate applies to channel terminations at secondary premises locations.

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(B) Reserved (C)

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are: installation of service, installation of optional features and functions, and service changes. (D)

The nonrecurring charge rate structure applicable to the installation of access service may consist of "first" and "additional" charges, except for DS3 Service Entrance Facilities and Channel Termination, where only one rate applies. For each rate element ordered, the "first" charges apply to the first rate element (e.g., port or channel termination) specified on the service order. The "additional" charges will apply to each additional same-type rate element specified on the same service order, with the same date due, and at or between the same end points. (D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(1) Installation of Service

(D)

The nonrecurring charges apply to each rate element of the service installed. The nonrecurring charges for the installation of service are set forth in 7.5, 8, and 19.7 following as nonrecurring charges for Channel Termination, Termination, Transport Channel, Port Node Entrance Ring, Collocated Interconnection Cross-Connect Service or SPOT Bay Frame and Terminations rate elements, etc. (See Note below.)

When a newly installed service is added to a Commitment Discount Plan (as specified in Section 25.1 following), or the National Discount Plan (as specified in Section 25.3 following), the Channel Termination nonrecurring charge which applies to such installed service is $1.00. (T) (T)

(D)

Note: See Section 19 following for further information.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(2) Installation of Optional Features and Functions

Separate nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access Service. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of the service. (D)

Some optional features under this tariff for which separate nonrecurring charges apply are: (T)

- Voice Grade Data Capability (D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Changes

Service changes are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in 5.2.5 preceding (e.g., change from one type of Special Access Service to another or a change from one type of channel termination to another) or a change in the physical location of the point of termination at a customer designated premises. Changes in the type of service (i.e. type of service termination), Collocated Interconnection Cross-Connect Service or SPOT Bay Frame and Terminations, are treated as disconnects and starts. Changes in the physical location of the point of the termination at the customer premises are treated as moves and are described and charged for as set forth in 7.4.5 following. Certain changes in the physical location of the point of termination in a wire center are treated as detariffed rearrangements. (D) (C)

The charge to the customer for a service change is dependent on whether the change is administrative only in nature or involves actual physical change to the service.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(c) Nonrecurring Charges (Cont'd)

(3) Service Charges (Cont'd)

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same customer (i.e., same customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T Communications),
- 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 data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number,
- Change of jurisdiction, and
- Change of customer-designated circuit identification at customer's request.

All other service changes will be charged for as follows:

- If the change involves the addition of another leg to an existing multipoint service, the nonrecurring change charge for the channel termination rate element will apply. The charge will apply only for the leg that is being added.

- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.1 Types of Rates and Charges (Cont'd)
(C) Nonrecurring Charges (Cont'd)
(3) Service Changes (Cont'd)

- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element first nonrecurring change charge will apply. The charge will apply per service termination affected.

- If the change involves the addition of B8ZS and/or ESF options to an existing high capacity DS1 service, or the addition of a B8ZS to an existing high capacity DS3 service, a charge equal to the channel termination first non-recurring change charge will apply for each channel termination converted. This rate application does not apply when either of these options are initially ordered with the service.

- A change from a two-point Special Access Service without bridging to multipoint service or from a multipoint to two-point Special Access Service without bridging will be treated as discontinuance and installation of service.

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- For all other changes, including the addition of optional features without separate nonrecurring charges, a charge equal to a channel termination rate element first nonrecurring change charge will apply. Only one such charge will apply per service, per charge.

- For changes involving the screening, or other end office features, associated with WATS Access Line Service, the following charge applies:

Rate	USOC
The rearrangement charge specified in 6.8.1(C)(3) preceding.	NRBCX

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(4) Reserved. (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(D)

(D)

(5) Reserved.

ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service

(A) General

Special access services provided under this tariff may be subject to the monthly Special Access Surcharge.

(B) Application

(1) The Special Access Surcharge will apply to each interstate Special Access Service that terminates on an end user's PBX or other device where, through a function of the device, the Special Access Service interconnects to the local exchange network. Interconnection functions include but are not limited to wiring and software functions, bridging, switching or patching of calls or stations. The Surcharge will apply irrespective of whether the interconnection function is performed in equipment located at the customer's premises or in a Centrex Co-type switch.

(2) Special Access Service will be exempted from the Surcharge by the Telephone Company upon receipt of the customer's written certification for the following Special Access Service terminations:

(a) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or

(b) an analog channel termination that is used for radio or television program transmission; or

(c) a termination used for TELEX service; or

(d) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines; or

(e) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges* such as, where the private line facility access only FGA and no local exchange lines, or private line facility between customer points of termination, or private line facility connecting CCSA or CCSA-type equipment (inter-machine trunks); or

* Resellers of WATS Access Line Service may be exempted from paying CCL Charges during the transition period of June 1, 1986 to January 1, 1987. However, they must certify for exemption of the Special Access Surcharge on the WAC.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(B) Application (Cont'd)

(f) a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device that has not been blocked by either hardware or software partitioning restrictions from connecting the private line facility to a local exchange subscriber line.

(g) A termination of WATS Access Line Service which is used for resold WATS.

(C) Exemption of Special Access Service

(1) Special Access Services which are terminated as set forth in 7.4.2(B) preceding will be exempted from the Special Access Surcharge if the customer provides the Telephone Company with written exemption certification. The certification may be provided to the Telephone Company (1) at the time the Special Access Service is ordered or installed; (2) at such time as the service is reterminated to a device incapable of interconnection to local exchange facilities, or (3) at such time as the service becomes associated with a Switched Access Service that is subject to Carrier Common Line Charges.

(2) The exemption certification is to be provided by the customer ordering the services. The certification must be signed by the customer or authorized representative and include the category of exemption, as set forth in 7.4.2 (B) (3) preceding, for each termination, and the date which the exemption is effective.

(3) The customer shall also notify the Telephone Company when an exempted Special Access Service is changed or reterminated such that the exemption is no longer applicable.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(C) Exemption of Special Access Service (Cont'd)

(4) The Telephone Company will work cooperatively with the customer to resolve any questions regarding the exemption certification. However, the Telephone Company reserves the right to request additional information from the customer, when necessary, to assure qualifications for exemption of the Surcharge are met. In addition, the Telephone Company may withhold exemption of the service until the dispute is resolved.

(5) Any WATS resellers who had WATS lines in service as of March 13, 1986 will be exempted from the Special Access Surcharge for those lines only during the transition period of June 1, 1986 to January 1, 1987.

(D) Rate Regulations

(1) The Surcharge applies to each channel of a Special Access Service and per voice grade equivalent service derived from a Special Access Service as shown in the following example:

Special Access Service	Voice Grade Equivalent		Surcharge		Monthly Charge
DS1	24	X	$25	=	$600.00

One Surcharge will apply for each termination of a multipoint Special Access Service at a customer's designated premises.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(D) Rate Regulations (Cont'd)

(2) The Telephone Company will bill the appropriate Special Access Surcharge to the ordering customer for each interstate Special Access Service installed unless exemption certification is provided as set forth in 7.4.2 (C) preceding.

(3) If a written certification is not received at the time the Special Access Service is obtained, the Surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations set forth in (4) following.

(4) Crediting the Surcharge

Payment of any Special Access Surcharge billed on WATS Access Lines, in service as of June 1, 1986, may be deferred, without penalty, for up to ninety (90) days from the date of the first bill rendered for the Special Access Surcharge.

If appropriate exemption certification is not received by the Telephone Company by the end of the ninety (90) days deferral period, the billed Special Access Surcharges will become due. These charges, if unpaid, will be subject to a late payment charge as set forth in Section 2.4.1 (B)(2) preceding.

The Telephone Company will cease billing the Special Access Surcharge when certification, as set forth in 7.4.2 (C) preceding, is received. If the status of the Special Access Service was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change as specified by the customer in the letter of certification.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.3 Message Station Equipment Recovery Charge

The Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment that is assigned to Special Access Service.

Pursuant to CC Docket No. 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on November 8, 1984 and released on November 9, 1984, this charge is assessed only to those customers to which the Special Access Surcharge applies. The rate for the Message Station Equipment Recovery Charge is set forth in 7.5.13 following.

Payment of any Message Station Equipment Recovery Charge billed on WATS Access Lines, in service as of June 1, 1986, may be deferred, without penalty, for up to ninety (90) days from the date of the first bill rendered for the Message Station Equipment Recovery Charge.

If appropriate exemption certification is not received by the Telephone Company by the end of the ninety (90) days deferral period, the billed Message Station Equipment Recovery Charge will become due. These charges, if unpaid, will be subject to a late payment charge as set forth in Section 2.4.1 (B)(2) preceding.

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.4 Minimum Periods

(A) The minimum service period for all services except Digital Data Service, and DS1 and DS3 High Capacity is one month. (D) (D)

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(1) The minimum service period for Digital Data Service and DS1 High Capacity services is two months. (T)

(2) The minimum service period for a DS3 High Capacity service that is provided under a month-to-month payment plan is one year. (D)

(D)

(B) The minimum service period for IntelliLight Entrance Facility services is set forth in 7.2.15(E). (T) (T)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.4 Minimum Periods (Cont'd)

(C) The minimum service period for Verizon Optical Networking is set forth in 7.2.20(E).

(D) The minimum service period for a service that is included in a Commitment Discount Plan is specified in Section 25.1.10 following. (T) (T)

(E) The minimum service period for a Special Access DS3 Service or a Special Access DS1 Service that is included in the National Discount Plan is specified in Section 25.3.8 following. (N) | (N)

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.5 Moves

A move involves a change in the physical location of the customer's premises which also involves a connection to a different rate demarcation point.

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 first nonrecurring (i.e., installation) charge for the service termination 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 and/or Service Discount Plan requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period and/or termination liability charges for the discontinued service except as specified in 25.2.5 following.

Certain material previously found on this page can now be found on Original Page 7-178.1.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.6 Reserved for Future Use (C)

(D)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.7 Facility Hubs (D)

A customer has the option of ordering Voice Grade facilities or analog or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1 or DS3) to a facility Hub for distributing or channelizing to individual services requiring lower capacity facilities (e.g., Voice, etc). (D)

When analog or digital high capacity facilities are provided between a customer premises and a facility Hub, the facility will not be considered an end-to-end service until an associated channelized service is installed. The facility Hub will not be considered as a customer premises.

(D)
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.7 Facility Hubs (Cont'd) (D)

The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Additional individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or installed at a later date, at the option of the customer. The customer who orders the High Capacity Service must order all associated individual Access Channelized Services. The customer will be billed for a Voice Grade or a high capacity analog or digital Non-Competitive End User Channel Termination, detariffed Channel Mileage (when applicable), and the detariffed multiplexer at the time the facility is installed. Additional individual service rates (by service type) will apply for a Non-Competitive End User Channel Termination and for additional detariffed Channel Mileage (as required) for each subsequent channelized service. These will be billed to the customer as each individual service is installed. (C) | (C) (C) | (C)

Cascading multiplexing occurs when a high capacity analog or digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a Supergroup facility is de-multiplexed to five Group facilities and then one of the Group facilities is further de-multiplexed to individual Voice Grade channels. (D) | | | | | | | | (D)

(D) | (D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)
(D)

(D)
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.8 Shared Use Digital High Capacity Services

Shared use occurs when Special Access Service and Switched Access Service are provided over the same High Capacity Special Access facility through a common interface ("Shared Use"). (T) (T)

The Shared Use facility will be ordered, provisioned and rated as Special Access Service (i.e., Channel Termination, Channel Mileage as appropriate, and Multiplexer and a terminating channelized individual service by Channel Type, and Channel Mileage, as appropriate), regardless of whether individual channels of the Shared Use facility are used for Special Access Service, Switched Access Service, or any other type of service. The practice known as "ratcheting" (to apply non-Special Access rates on a proportional basis) shall not apply in any circumstance. In certain Shared Use cases, the customer for the Special Access Service and Switched Access Service may be different. A Switched Access customer may, with proper authorization, order Switched Access directly to the Special Access customer's DS1 to VG multiplexer. In situations where the Switched Access order consists of 24 same Line-side or Trunk-side Switched Access connections between the same End Office and/or Tandems, the Switched Access customer may, with proper authorization, order directly to a DS1 port on a DS3 multiplexer. (C) (C) (C) (D) (D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.8 Shared Use Digital High Capacity Services (Cont'd)

(D)

(D)

The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

7.4.9 Reserved

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.10 Special Access Rate Exceptions

(D)

(D)

Services provided by the Telephone Company to connect a customer location to an Interexchange Access Frame Relay Switch (XA-FRS) will be rated as a channel termination. A channel termination at the XA-FRS switch serving office and channel mileage from the customer serving wire center to the XA-FRS switch are not applicable under the provisions of this service.

Certain terms and conditions and rates associated with the provision of Telephone Company services may be waived or excepted. These individual instances of terms and/or conditions exemptions are contained in Section 7.4, following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.11 WATS Access Line Service#

A WATS Access Connection is only provisioned between a customer's premises and a WATS Serving Office (WSO) and there is only one application of the WATS Access Connection Charge. However, there can be additional secondary connections (USOC XEE), which are individual WACs and each will receive the same WAC Connection Charge. These WAC Secondary Connections must always be provisioned via C.O. Bridging.

7.4.12 Reserved for Future Use (C)

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(D)

Service availability limited. Refer to # footnote on Page 7-29.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.13 DS3 High Capacity Services#
(A) Payment Plans# and Minimum Periods

Recurring charges for DS3 Services are rated and charged monthly for all commitment plans; Month-to-Month, 3# and 5-year# Term Pricing Plans (TPPs). TPPs are provided with Base Rates as described in Section (B) following and as set forth in 7.5.9 following. Although a TPP may include a circuit that is provided only in part under this tariff, the Telephone Company manages a TPP for an individual circuit as a single plan and applies tariffed and detariffed rates, terms and conditions as applicable#. (T)

The minimum service period for DS3 is 12 months.

At the end of a term plan, the customer will not be eligible to receive discounted monthly rates. Non-discounted Month-to-Month rates will apply. (D)

Should a customer terminate service prior to completing the minimum period or the plan term period, termination liability may be applicable. Termination liability for the portion of the circuit provided under this tariff is assessed on Non-Competitive End User Channel Termination rate elements. A customer who disconnects the service will be treated as having terminated the service. (D)

(D)
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(D)

Effective May 30, 2019, orders for new 5-Year DS3 TPPs are no longer permitted. Subject to Section 1.1. preceding, the Telephone Company will continue to provide 5-Year DS3 TPPs pursuant to this Section 7.4.13 on any existing 5-Year DS3 TPP that was in-service as of May 30, 2019, or any order for 5-Year DS3 TPP that was placed with the Telephone Company prior to May 30, 2019 (collectively, Existing 5-Year DS3 TPPs), subject to the following conditions:

- The Telephone Company will continue to provide Existing 5-Year DS3 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 5-Year DS3 TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

Effective November 15, 2022, orders for new 3-Year DS3 TPPs are no longer permitted. Subject to Section 1.1. preceding, the Telephone Company will continue to provide 3-Year DS3 TPPs pursuant to this Section 7.4.13 on any existing 3-Year DS3 TPP that was in-service as of November 15, 2022, or any order for 3-Year DS3 TPP that was placed with the Telephone Company prior to November 15, 2022 (collectively, Existing 3-Year DS3 TPPs), subject to the following conditions: (N)

- The Telephone Company will continue to provide Existing 3-Year DS3 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 3-Year DS3 TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

In light of the above, Month-to-Month is the only DS3 TPP that remains available effective as of November 15, 2022. All references in this tariff to DS3 TPPs other than Month-to-Month are intended as references to any such DS3 TPPs that were grandfathered under the above provisions. Any such references may not be interpreted to mean new DS3 TPPs other than Month-to-Month are available or that expiring DS3 TPPs other than Month-to-Month may be renewed or extended. (N)

(Issued under Transmittal No. 1431)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 DS3 High Capacity Services#

(B) Base Rates

The rates charged under 3-Year and 5-year TPPs are based upon Base Rates as specified in Section 7.5.9 following. Such rates may change during the commitment period, but in no case will the Base Rate exceed the non-discounted monthly rate for the service. In order to calculate the rates the customer will pay, the following discount percentages are applied to the Base Rates Monthly Rate Per CT for 3-Year and 5-Year TPPs for DS3 High Capacity Channel Terminations and Optional Features and Functions. Discount percentages are not applied to nonrecurring rates. (C)

3-Year#	10%	(T)
5-Year#	35%	

Service availability limited. Refer to # footnote on Page 7-197.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.13 DS3 High Capacity Services# (Cont'd)

(C) Discontinuance Without Liability

(D)

(D)

A request to disconnect DS3 High Capacity Service in order to replace it with a Replacing Service pursuant to the Technology Migration regulations set forth in Section 2.9 preceding.

Service availability limited. Refer to # footnote on Page 7-197.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 DS3 High Capacity Services# (Cont'd)

(C) Discontinuance Without Liability (Cont'd)

For TPPs established prior to December 17, 2019, in the event that the Telephone Company initiates a rate increase and the discounted monthly rate for the affected service increases, in aggregate, by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase.

(D)
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(D)

Service availability limited. Refer to # footnote on Page 7-197.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 DS3 High Capacity Services# (Cont'd)

(D) Discontinuance With Liability

For service discontinued prior to completion of the minimum service period, the customer will be liable for 100% of the total monthly charges for the unexpired portion. Total monthly charges are calculated based upon the rate band determined in the last count taken.

DS3 Term Pricing Plans are provided in conjunction with an Early Termination Provision (ETP) agreement.

(1) DS3 Term Pricing Plans established or renewed prior to January 1, 2021 (N) (N)

ETP is calculated using either of the following options that provides the customer with the lowest termination liability.

Option I

- In addition to the minimum period liability of 100%, the customer will be liable for 15% of the total monthly charges for the remaining portion of the term plan.

Service availability limited. Refer to # footnote on Page 7-197.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.13 DS3 High Capacity Services# (Cont'd)
(D) Discontinuance With Liability (Cont'd)
(1) DS3 Term Pricing Plans established or renewed prior to January 1, 2021

Option II

In addition to the minimum period liability of 100%, the following applies:

- Where there is neither a basic Month-to-Month rate nor a TPP period less than the actual time the service has been in effect, Option 1 applies.

- Where there is no TPP period less than the actual time the service has been in effect, the termination liability charge will be the difference between the full basic Month-to-Month rate and the selected TPP monthly rate for the period the plan has been in effect after the minimum period.

- Where there is a TPP period less than the actual time the service has been in effect, the termination liability charge will be the difference between the monthly rate for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rate for the selected commitment period multiplied by the actual number of months the plan has been in effect after the minimum period.

(2) DS3 Term Pricing Plans established or renewed on or after January 1, 2021

Termination liability is calculated at fifty percent (50%) of the MRCs for the remainder of the TPP period after the Minimum Period. Termination liability applies in addition to any Minimum Period obligation specified in Section 5.2.5 preceding which may be applicable.

(D)
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(D)

Service availability limited. Refer to # footnote on Page 7-197.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.14 Shared Network Arrangement

A Shared Network Arrangement constitutes an agreement between one Host Subscriber and one Service User permitting the Service User to connect a specified number of subtending circuits to one specified multiplexer on the Host's service. Agreements between one Host Subscriber and two (or three, etc.) Service Users shall be deemed to comprise two (or three, etc. respectively) separate "Arrangements." However, an agreement to expand the scope of an existing Arrangement by subsequently increasing the number of subtending circuits on the same multiplexed shall not constitute a new or separate "Arrangement."

A Shared Network Arrangement shall be established between a Host Subscriber and a Service User upon the completion of the service order for the first circuit(s) in the arrangement. No Shared Network Arrangement shall be deemed to be in effect until at least one subtending circuit has been installed for the Service User. A Shared Network Arrangement shall be deemed cancelled when the last subtending circuit has been disconnected.

A Processing charge will apply for handling service orders in a Shared Network Arrangement. The Processing Charge is contained in Section 7.5.9(D), and applies in addition to all other applicable rates and charges. (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.15 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)
(D)

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7. Special Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.17 Digital Data and DS1 High Capacity Services#, ##
(A) Basic Service

The minimum service period for basic Digital Data Service (DDS) and DS1 High Capacity Service (DS1) is two months. When service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the two-month minimum period.

(D)
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(D)

(B) Term Pricing Plans are pricing options applicable to customers who are subscribed to specific longer term commitment periods in exchange for reduced monthly rates. (C) (C)

Service availability limited. Refer to # and ## footnotes on Page 7-209.

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7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.17 Digital Data and DS1 High Capacity Services#, ## (Cont'd)
(B) Term Pricing Plans (TPP) Description (Cont'd)

Although a TPP may include a circuit that is provided only in part under this tariff, the Telephone Company manages a TPP for an individual circuit as a single plan and applies tariffed and detariffed rates, terms and conditions as applicable.

(1) TPPs for Digital Data Services are available in 2, 3, and 5-year commitment periods. (D)

Effective November 16, 2018, orders for new Digital Data Service TPPs are no longer permitted. Subject to Section 1.1 preceding, the Telephone Company will continue to provide Digital Data Service TPPs pursuant to this Section 7.4.17(B) on any existing Digital Data Service TPP that was in-service as of November 16, 2018, or any order for Digital Data Service TPP that was placed with the Telephone Company prior to November 16, 2018 (collectively, Existing DDS TPPs), subject to the following conditions:

- The Telephone Company will continue to provide Existing DDS TPPs for the selected commitment period until (i) the customer discontinues service; (ii) the customer converts to a DDS provided on a month to month basis under Section 7.4.17(A); or (iii) the current commitment period expires, whichever comes first. Upon expiration of the commitment period, if the customer has taken no action, the Telephone Company will convert the customer to basic DDS service offered under Section 7.4.17(A).
- Renewal of an Existing DDS TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

Effective May 30, 2019, orders for new 5- or 7-Year DS1 High Capacity TPPs are no longer permitted. Subject to Section 1.1 preceding, the Telephone Company will continue to provide 5- and 7-Year DS1 High Capacity TPPs pursuant to this Section 7.4.17(B) on any existing 5- and 7-Year DS1 High Capacity TPP that was in-service as of May 30, 2019, or any order for 5- or 7-Year DS1 High Capacity TPP that was placed with the Telephone Company prior to May 30, 2019 (collectively, Existing 5- and 7-Year DS1 TPPs), subject to the following conditions:

- The Telephone Company will continue to provide Existing 5- and 7-Year DS1 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 5- or 7-Year DS1 TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

Effective November 15, 2022, orders for new 2- or 3-Year DS1 High Capacity TPPs are no longer permitted. Subject to Section 1.1 preceding, the Telephone Company will continue to provide 5- and 7-Year DS1 High Capacity TPPs pursuant to this Section 7.4.17(B) on any existing 2- and 3-Year DS1 High Capacity TPP that was in-service as of November 15, 2022, or any order for 2- or 3-Year DS1 High Capacity TPP that was placed with the Telephone Company prior to November 15, 2022 (collectively, Existing 2- and 3-Year DS1 TPPs), subject to the following conditions: (N)

- The Telephone Company will continue to provide Existing 2- and 3-Year DS1 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 2- or 3-Year DS1 TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

In light of the above, month-to-month service is the only option that remains available as of November 15, 2022. All references in this tariff to DS1 TPPs are intended as references to any such DS1 TPPs that were grandfathered under the above provisions. Any such references may not be interpreted to mean new DS1 TPPs are available or that expiring DS1 TPPs may be renewed or extended.

(Issued under Transmittal No. 1431) (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(B) Term Pricing Plans (TPP) Description (Cont'd)

(2) Customers have the option of purchasing: (T)(x)

- Digital Data Service plans are applicable to channel terminations and channel mileage. Channel Terminations other than End User Channel Terminations in Non-Competitive Counties and channel mileage are detariffed. The channel terminations and channel mileage (both fixed and per mile) rate elements for a given circuit must be included in the same individual Term Pricing Plan. (M)(C)(C)(M)(M)(D)(D)(x)

(x) Certain information on this page formerly appeared on 3rd Revised Page 7-209.

Service availability limited. Refer to # and ## footnotes on Page 7-209.

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(B) Term Pricing Plans (TPP) Description (Cont'd)

(2) (Cont'd)

- Multiple Digital Data Services must be of the same speed in order to be in the same individual Term Pricing Plan.

- DS1 High Capacity Service plans are applicable to channel terminations, associated DS1 Multiplexers (DS1 to Voice, DS1 to Digital, and DS1 to DS0), and channel mileage, fixed and per mile. Channel Terminations other than Non-Competitive End User Channel Terminations, associated DS1 multiplexers and channel mileage are detariffed. The channel termination, associated multiplexer, and channel mileage (both fixed and per mile) rate elements for a given circuit must be included in the same TPP. (D) (C) | | | | (C) (D)

(3) Term Pricing Plans rates for Non-Competitive End User Channel Terminations are detailed in Section 7.5.16. Term Pricing Plans do not include optional features except for associated DS1 multiplexing in the DS1 TPPs. Other optional features are available at Basic Service rates. (C) (C) (T)

Term Pricing Plans are not applicable to services in other rate plans. (D)

Service availability limited. Refer to # and ## footnotes on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(C) TPP Terms and Conditions

(1) When requesting a Term Pricing Plan, the customer must specify the length of the desired commitment period and the services which are to be included in the plan.

(2) When requesting any Term Pricing Plan activity regarding channel terminations, the customer must specify by billing account and circuit identification number which circuits are to be affected.

(3) Reserved.

(4) At the end of a TPP commitment period, the service(s) will be billed at the basic rate. (D)

(5) Termination liability for the portion of the service under this tariff is assessed on Non-Competitive End User Channel Terminations.

Service availability limited. Refer to # and ## footnotes on Page 7-209.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(D) TPP Termination Liability

(1) A termination liability payment is applicable when a service is disconnected in full or in part prior to the end of the selected commitment period or where the customer fails to comply with the conditions required for a TPP, except as set forth in (E) following.

(2) If the customer requests all channels of a DS1 service to be used for Switched Access, the request will be treated as a disconnect and termination liability will be assessed.

(3) The termination liability payment for the portion of the service offered under this tariff applies to each channel termination recurring rate element which is disconnected prior to the expiration of the commitment period of the Term Pricing Plan. (C) (C) (D)

Service availability limited. Refer to # and ## footnotes on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(D) TPP Termination Liability (Cont'd)

(4) DS1 High Capacity TPPs established or renewed prior to January 1, 2021 and Digital Data Services TPPs (N) | (N)

The termination liability charge is calculated as set forth in (a) or (b) following: when calculating termination liability charges, the Telephone Company will apply the option which provides the customer with the lowest termination liability charge.

(a) Option I

For services discontinued within the first year, the customer will be liable for 100% of the total monthly charges for the unexpired portion of the initial 12 months, and 15% of the total monthly charges for the remainder of the TPP commitment period.

For services discontinued after the first 12 months of a plan, customers will be liable for 15% of the total monthly charges for the remaining portion of their Term Pricing Plan commitment period.

(b) Option II

For services discontinued within the first year and prior to the end of the selected commitment period, the termination liability charge will be the difference between the full Basic monthly rates and the TPP monthly rates for the period the plan has been in effect.

For services discontinued after the first 12 months of a plan but prior to the end of the selected commitment period, the following applies:

- Where there is no TPP period less than the actual time the services have been in effect the termination liability charge will be the difference between the full Basic monthly rates and the selected TPP monthly rates for the period the plan has been in effect.

Service availability limited. Refer to # and ## footnotes on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(D) TPP Termination Liability (Cont'd)

(4) DS1 High Capacity TPPs established or renewed prior to January 1, 2021 and Digital Data Services TPPs (Cont'd) (N) | (N)

(b) Option II (Cont'd)

- Where there is a TPP period less than the actual time the services have been in effect, the termination liability charge will be the difference between the monthly rates for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rates for the selected commitment period multiplied by the actual number of months the plan has been in effect.

For example, if a customer subscribes to a 5-year TPP and disconnects service during the thirty-seventh month, the highest TPP period that could have been satisfied is three years. The customer's termination liability would be calculated as follows: (3-year monthly TPP rate - 5-year monthly TPP X 37 months).

(5) DS1 High Capacity TPPs established or renewed on or after January 1, 2021 (N) | | | | | | | (N)

Termination liability is calculated at fifty percent (50%) of the MRCs for the remainder of the TPP period after the Minimum Period. Termination liability applies in addition to any Minimum Period obligation specified in Section 5.2.5 preceding which may be applicable.

(D) | | | | (D)

Service availability limited. Refer to # and ## footnotes on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(E) TPP Termination Without Liability

(1) For TPPs established prior to December 17, 2019, in the event that the Telephone Company initiates a rate increase and the discounted monthly rate for the affected service increases, in aggregate, by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase. (D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)
(E) TPP Termination Without Liability (Cont'd)

(D)

(D)

(2) A request to disconnect DS1 High Capacity Service in order to replace it with a Replacing Service pursuant to the Technology Migration regulations set forth in Section 2.9 preceding. (T)

(D)

(D)

Service availability limited. Refer to # and ## footnotes on Page 7-209.

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(F) Additions to TPPs

Customers with existing Term Pricing Plans who wish to increase the number of their DDS or DS1 services have the following option: (T)

- Subscribe to the additional services under the basic payment plan.

(D)
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(D)

Service availability limited. Refer to # and ## footnotes on Page 7-209.

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.17 Digital Data and DS1 High Capacity Services (Cont'd)
(G) Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.18 Voice Grade Service Term Pricing Plans#
(A) Description

Term Pricing Plans, TPPs, are pricing options available to customers who subscribe to specific longer term commitment periods in exchange for reduced monthly rates. Although a TPP may include a circuit that is provided only in part under this tariff, the Telephone Company manages a TPP for an individual circuit as a single plan and applies tariffed and detariffed rates, terms and conditions as applicable. (N) (N)

(1) The channel termination and the channel mileage (fixed and per-mile) rate elements are applicable for Voice Grade Service TPPs. Channel Terminations other than Non-Competitive End User Channel Terminations and channel mileage are detariffed. (T) (C) (C)

(2) Voice Grade Term Pricing Plans do not include optional features. Optional features for Voice Grade Services in TPPs are available at basic service rates. (D) (T)

(3) Term Pricing Plans are not applicable to services in other rate plans. (T)

(4) Term Pricing Plan rates for Non-Competitive End User Channel Terminations are detailed in Section 7.5.3. The nonrecurring rates for TPPs are the same as for Basic Service. (D) (C) (C) (D)

Effective November 16, 2018, orders for new Voice Grade Service TPPs are no longer permitted. Subject to Section 1.1 preceding, the Telephone Company will continue to provide Voice Grade Service TPPs pursuant to this Section 7.4.18 on any existing Voice Grade Service TPP that was in-service as of November 16, 2018, or any order for Voice Grade Service TPP that was placed with the Telephone Company prior to November 16, 2018 (collectively, Existing VG TPPs), subject to the following conditions: (C) (T) (T)

- The Telephone Company will continue to provide Existing VG TPPs for the selected commitment period until (i) the customer discontinues service; (ii) the customer converts to a Voice Grade Service provided on a month to month basis under Section 7.2.3; or (iii) the current commitment period expires, whichever comes first. Upon expiration of the commitment period, if the customer has taken no action, the Telephone Company will convert the customer to basic Voice Grade Service offered under Section 7.2.3.
- Renewal of an Existing VG TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 Voice Grade Service Term Pricing Plans# (Cont'd)

(B) Terms and Conditions (T)

(1) When requesting any Term Pricing Plan activity regarding channel terminations, the customer must specify by billing account and circuit identification number which circuits are to be affected. (T)

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(D)

(2) Customers with existing TPPs who wish to increase the number of their Voice Grade services must subscribe the additional services to the basic service plan. (T) (D)

(3) At the end of a TPP commitment period, the service(s) will be billed at the basic rate. (T)

Service availability limited. Refer to # footnote on Page 7-222.

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 Voice Grade Service Term Pricing Plans# (Cont'd)

(C) TPP Termination Liability

(1) A termination liability payment is applicable when a service is disconnected in full or in part prior to the end of the selected commitment period or when the customer fails to comply with the conditions required for a TPP, except as set forth in (D) following.

(2) For TPP services designated on a circuit-by-circuit basis, the termination liability payment for the portion of the service under this tariff applies to each recurring rate element for Non-Competitive End User Channel Termination(s) which is disconnected prior to the expiration of the commitment period of the Term Pricing Plan. (C) | (C)

(3) The termination liability charge is calculated as set forth in (a) or (b) following. The Telephone Company will apply the option which provides the customer with the lowest termination liability charge.

Service availability limited. Refer to # footnote on Page 7-222.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 Voice Grade Service Term Pricing Plans# (Cont'd) (T)

(C) TPP Termination Liability (Cont'd)

(3) (Cont'd)

(a) Option I

For services discontinued within the first year, the customer will be liable for 100% of the total monthly charges for the unexpired portion of the initial 12 months, and 15% of the total monthly charges for the remainder of the TPP commitment period.

For services discontinued after the first 12 months of a plan, customers will be liable for 15% of the total monthly charges for the remaining portion of their Term Pricing Plan commitment period.

(b) Option II

For services discontinued within the first year, the termination liability charge will be the difference between the full Basic monthly rates and the TPP monthly rates for the period the plan has been in effect.

For services discontinued after the first 12 months of a plan but prior to the end of the selected commitment period, the following applies:

- Where there is no TPP period less than the actual time the services have been in effect the termination liability charge will be the difference between the full Basic monthly rates and the selected TPP monthly rates for the period the plan has been in effect.

- Where there is a TPP period less than the actual time the services have been in effect, the termination liability charge will be the difference between the monthly rates for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rates for the selected commitment period multiplied by the actual number of months the plan has been in effect.

Service availability limited. Refer to # footnote on Page 7-222. (N)

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 Voice Grade Service Term Pricing Plans# (Cont'd)

(C) TPP Termination Liability (Cont'd)

(3) (Cont'd)

(b) Option II (Cont'd)

For example, if a customer subscribes to a 5-year TPP and disconnects service during the thirty-seventh month, the highest TPP period that could have been satisfied is three years. The termination liability would be calculated as follows: 3-year monthly TPP rate - 5-year monthly TPP rate X 37 months.

(D) TPP Termination Without Liability

(1) For TPPs established prior to December 17, 2019, termination liability will not apply when cancellation of a Term Plan occurs within thirty (30) days of the effective date of a Telephone Company initiated rate increase of eight percent (8%) or more on any rate applicable to the Term Plan. (C) (D)

Service availability limited. Refer to # footnote on Page 7-222.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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7.4.19 Commitment Discount Plans

(A) Reserved. (C) (D) | (D)

(B) When a newly installed service is added to a Commitment Discount Plan, the channel termination nonrecurring charge which applies is $1.00.

(C) If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 25.1.1 following and subscribes to other services listed in Section 25.1.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 25.1 following.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.1 Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.2 Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.3 Voice Grade Service#

	USOC	Monthly Rates	
(A) Channel Termination - per point of termination			
(1) Payment Plan##			
- Two-Wire			
Basic (month-to-month)			
Price Cap	T6E2X	$35.99	(I)
3-Year TPP			
Price Cap	TZ4SA	25.03	
5-Year TPP			
Price Cap	TZ4GA	23.00	
- Four-Wire			
Basic			
Price Cap	T6E4X	71.17	(I)
3-Year TPP			
Price Cap	TZ4SB	51.19	
5-Year TPP			
Price Cap	TZ4GB	48.50	

Service availability limited. Refer to # footnote on Page 7-19.
Service availability limited. Refer to # footnote on Page 7-222.

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.3 Voice Grade Service# (Cont'd)
(A) Channel Termination (Cont'd)
- per point of termination
(2) Nonrecurring Charges

	USOC	First	Additional	
- Two-Wire Installation/Change Price Cap		$266.72	$195.50	(D)
				(D)
- Four-Wire Installation/Change Price Cap		$379.77	$272.96	(D)

(D)

Service availability limited. Refer to # footnote on Page 7-19.

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

(C) Optional Features and Functions

	USOCs	Monthly Rates	Nonrecurring Charges	
(1) Bridging				
(a) Voice Bridging - per port				
Two-Wire Price Cap	BCNV2	$26.47	None	(D) | (D)
Four-Wire Price Cap	BCNV4	17.65	None	(D) | (D)
(b) Data Bridging - per port				
Two-Wire Price Cap	BCND2	12.20	None	(D) | (D)
Four-Wire Price Cap	BCND4	12.20	None	(D) | (D)

Service availability limited. Refer to # footnote on Page 7-19.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

(C) Optional Features and Functions (Cont'd)

(1) Bridging (Cont'd)

(d) DATAPHONE Select-A-Station Bridging (Cont'd)

	USOC	Monthly Rates	Nonrecurring Charges	
Addressable Arrangement				
- Common Equipment*	KCN			
Price Cap		$250.52	None	(D) | (D)
- Ports				
- Per 2-wire channel connected	KQ2			
Price Cap		15.03	None	(D) | (D)
- Per 4-wire channel connected	KQ4			
Price Cap		40.08	None	(D) | (D)

* Rate does not apply in the District of Columbia, Maryland, Virginia, or the State of New Jersey.

Service availability limited. Refer to # footnote on Page 7-19.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

(C) Optional Features and Functions (Cont'd)

(1) Bridging (Cont'd)

(e) Telemetry and Alarm Bridging

	USOCs	Monthly Rates	Nonrecurring Charges	
Active Bridging Channel Connections				
Split Band				
- Per channel connected	CNLRX			
Price Cap		$17.65	None	(D) | (D)

Service availability limited. Refer to # footnote on Page 7-19.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

	USOC	Monthly Rates	Nonrecurring Charges	
(2) Conditioning, - Per point of termination				
C – Type	X1CPT			
Price Cap		$ 2.00	None	(D) | (D)
Improved Attenuation Distortion	UHW			
Price Cap		$ 2.00	None	(D) | (D)
Improved Envelope Delay Distortion	UHY			
Price Cap		$75.16	None	(D) | (D)
Sealing Current	1HBPT			
Price Cap		None	None	(D) | (D)

Service availability limited. Refer to # footnote on Page 7-19.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

(C) Optional Features and Functions (Cont'd)

	USOC	Monthly Rates	Nonrecurring Charges	
(3) Improved Return Loss for Effective Two-Wire Transmission or Improved Termination for Four-Wire Transmission				
Improved Return Loss - Per point of termination - Two-Wire	1RL2W			
Price Cap		$ 7.01	None	(D) | (D)
Improved Termination - Per point of termination - Four-Wire	1RL4W			
Price Cap		$ 9.02	None	(D) | (D)
(4) Reserved				
(5) Data Capability**, per point of termination	XDCPT			
Price Cap		$ 2.00	$250.52	(D) | (D)
(6) Reserved				

* Rate does not apply in the states of Delaware and Pennsylvania.
** Monthly rate does not apply in the Verizon DC, MD, or VA Companies.
# Service availability limited. Refer to # footnote on Page 7-19.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

(C) Optional Features and Functions (Cont'd)

	USOCs	Monthly Rates	Nonrecurring Charges	
(7) Signaling Capability, per point of termination	XSS++			
Price Cap		$ 4.65	None	(D) | (D)

- In lieu of ++, substitute appropriate two digit code from following list to specify type of signaling.

  AB
  AC
  CT
  DX
  DY
  EA
  EB
  EC
  EX
  GO
  GS
  LA
  LB
  LC
  LO
  LR
  LS
  RV
  SF

Service availability limited. Refer to # footnote on Page 7-19.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

(C) Optional Features and Functions (Cont'd)

	USOC	Monthly Rates	Nonrecurring Charges	
(8) Reserved				(C) (D) (D)
(9) Reserved				(C) (D) (D)

Service availability limited. Refer to # footnote on Page 7-19.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.3.1 WATS Access Line Service#

	USOC	Monthly Rates	
(A) WATS Access Connection (WAC) -Per point of termination			
Two-Wire	X2W/XEE2X		
Price Cap		$ 40.89	(I)
Four-Wire	X4W/XEE4X		
Price Cap		$ 81.74	(I)

Nonrecurring Charges -Per point of termination	First	Additional
-Two-Wire Installation/Charge		
Price Cap	$266.72	$195.50
-Four-Wire Installation/Change		
Price Cap	$379.77	$272.96

Service availability limited. Refer to # footnote on Page 7-29.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service (Cont'd)

7.5.3.1 WATS Access Line Service#

(D)

(B) Optional Features and Functions	USOC	Monthly Rates	Nonrecurring Charges	(T)
(1) Bridging				
(a) WAC Bridging, Per port				
- Two-Wire Price Cap	BCNV2	$37.50	None	(D)
- Four-Wire Price Cap	BCNV4	25.00	None	(D)
(2) Improved Two-Wire Transmission Specifications* - Per point of Termination	X2T			
Price Cap		11.25	None	(D)

(D)

* Rate does not apply in the states of New Jersey and Pennsylvania. (D)
# Service availability limited. Refer to # footnote on Page 7-29.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.4 Reserved for Future Use (C) (D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.5 Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.6 Reserved for Future Use (C) (D)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.7 Reserved for Future Use (C) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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(T)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.8 Digital Data Service#
(A) Channel Termination
- Per point of termination

	USOC	Monthly Rates	Nonrecurring Charges First	Nonrecurring Charges Additional	
2.4 kbps	TNTM2/T6ECS*				
Price Cap		$154.23			(I)
4.8 kbps	TNTM2/T6ECS*				
Price Cap		$171.52			(I)
9.6 kbps	TNTM2/T6ECS*				
Price Cap		$188.84			(I)
19.2 kbps	TNTM2/T6ECS*				
Price Cap		$205.49			(I)
56.0 kbps	TNTM2/T6ECS*				
Price Cap		$228.20			(I)
64.0 kbps	TNTM2/T6ECS*				
Price Cap		$240.86			(I)
Installation/Change	TNTM2/T6ECS*				
Price Cap			$200.00	$120.00	

*** Effective January 31, 2002, the 4-wire service associated with the T6ECS/NRBGH USOC is no longer available for new service requests. However, the Company may still use the USOC in instances where the TNTM2/NRBBG USOC cannot be used.**

Service availability limited. Refer to # footnote on Page 7-58.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Digital Data Service# (Cont'd)

	USOCs	Monthly Rates	Nonrecurring Charges	
(B) Optional Features and Functions				(T)
(1) Bridging, per port	BCNDA			
Price Cap		$12.41	None	(D) | (D)
(2) Reserved				

Service availability limited. Refer to # footnote on Page 7-58.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Digital Data Service# (Cont'd)

(B) Optional Features and Functions (Cont'd) (T)

	USOC	Monthly Rates	Nonrecurring Charges	
(3) Secondary Channel Capability - Per Channel Termination				
- 2.4 kbps Price Cap	SSE24	$0.00	None	(D) | (D)
- 4.8 kbps Price Cap	SSE48	$0.00	None	(D) | (D)
- 9.6 kbps Price Cap	SSE96	$0.00	None	(D) | (D)
- 56.0 kbps Price Cap	SSE56	$0.00	None	(D) | (D)

Service availability limited. Refer to # footnote on Page 7-58.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.9 High Capacity Service
(A) Channel Termination
- Per point of termination

	USOC	Monthly Rates	Nonrecurring Charges First	Nonrecurring Charges Additional	
(1) Basic Service					
a) Electrical Interface					
1.544 Mbps/DS1					
Rate Zone 1	TMECS	$298.10			(I)
Rate Zone 2	TMECS	330.12			(I)
Rate Zone 3	TMECS	350.30			(I)
Installation/Change					
Rate Zone 1			$355.00	$220.00	
Rate Zone 2			355.00	220.00	
Rate Zone 3			355.00	220.00	

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(A) Channel Termination (Cont'd)
- Per point of termination (Cont'd)

(1) Basic Service (Cont'd)

(a) Electrical Interface (Cont'd)

44.736 Mbps/DS3

Rate Zone 1, Month-to-Month

	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
Per DS3 CT at each Secondary Premises	TYFLS	$2,767.80	$355.00	(I)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(A) Channel Termination (Cont'd)
- Per point of termination (Cont'd)

(1) Basic Service (Cont'd)

(a) Electrical Interface (Cont'd)

44.736 Mbps/DS3 (Cont'd)
Rate Zone 2, Month-to-Month

	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
Per DS3 CT at each Secondary Premises	TYFLS	$2,906.20	$355.00	(I)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(A) Channel Termination (Cont'd)
- Per point of termination (Cont'd)

(1) Basic Service (Cont'd)

(a) Electrical Interface (Cont'd)

44.736 Mbps/DS3 (Cont'd)

Rate Zone 3, Month-to-Month

	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
Per DS3 CT at each Secondary Premises	TYFLS	$3,044.59	$355.00	(I)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(A) Channel Termination (Cont'd)
- Per point of termination (Cont'd)

(1) Basic Service (Cont'd)

(a) Electrical Interface (Cont'd)

44.736 Mbps/DS3 (Cont'd)
Rate Zone 1, Base Rates

	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
Per DS3 CT at each Secondary Premises	TYF8S	$2,767.80	$355.00	(I)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(A) Channel Termination (Cont'd)
- Per point of termination (Cont'd)

(1) Basic Service (Cont'd)

(a) Electrical Interface (Cont'd)

44.736 Mbps/DS3 (Cont'd)

Rate Zone 2, Base Rates

	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
Per DS3 CT at each Secondary Premises	TYF8S	$2,906.20	$355.00	(I)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(A) Channel Termination (Cont'd)
- Per point of termination (Cont'd)

(1) Basic Service (Cont'd)

(a) Electrical Interface (Cont'd)

44.736 Mbps/DS3 (Cont'd)
Rate Zone 3, Base Rates

	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
Per DS3 CT at each Secondary Premises	TYF8S	$3,044.59	$355.00	(I)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(B) Channel Mileage (Cont'd)

(1) Basic Service and Month-to-Month (Cont'd)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.9 High Capacity Service (Cont'd)

	USOC	Monthly Rates	Nonrecurring Charges	
(B) Optional Features and Functions (Cont'd)				(T)
				(D)
				(D)
(1) Shared Network Arrangement				(T)
- Processing Charge Per Service Order Price Cap	NRBOP	None	50.00	(D)
				(D)
				(D)
				(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(B) Optional Features and Functions

(2) Alternate Serving Wire Center

	USOC	Monthly Rates	Nonrecurring Charges	
1.544 Mbps/DS1, per point of termination				(D)
Rate Zone 1	A1VXZ	$25.00	None	
Rate Zone 2	A1VXZ	25.00	None	
Rate Zone 3	A1VXZ	25.00	None	
44.736 Mbps/DS3, per point of termination				(D)
- Month-to-Month				
Rate Zone 1	A1VXZ	250.00	None	
Rate Zone 2	A1VXZ	250.00	None	
Rate Zone 3	A1VXZ	250.00	None	
- 3 Year RSPP				
Rate Zone 1	A1VXF	225.00	None	
Rate Zone 2	A1VXF	225.00	None	
Rate Zone 3	A1VXF	225.00	None	
- 5 Year RSPP				
Rate Zone 1	A1VXG	200.00	None	
Rate Zone 2	A1VXG	200.00	None	
Rate Zone 3	A1VXG	200.00	None	

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.10 Reserved for Future Use (C)

(D)

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7.5.11 Reserved for Future Use

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.12 Reserved for Future Use (C)

(D)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.13 Message Station Equipment Recovery Charge

	USOC	Monthly Rate
Message Station Equipment Recovery Charge	UTM	
- Per Special Access Surcharge Assessed, Price Cap		$ 4.50 (D)

7.5.14 Special Access Surcharge

- Per Voice Equivalent Private Line	S25	25.00

7.5.15 Reserved for Future Use

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans

(A) 2-year Commitment Period - DDS Price Cap#

Service	USOC	Monthly Rate	
2.4 kbps DDS Per Channel Termination	TNJ3X*/TNTT2	$ 94.76	(I)
4.8 kbps DDS Per Channel Termination	TNJ4X*/TNTT2	112.01	(I)
9.6 kbps DDS Per Channel Termination	TNJ5X*/TNTT2	129.23	(I)
19.2 kbps DDS Per Channel Termination	TNJ6X*/TNTT2	146.51	(I)
56 kbps DDS Per Channel Termination	TNJ7X*/TNTT2	163.71	(I)
64 kbps DDS Per Channel Termination	TNJWX*/TNTT2	180.93	(I)

Nonrecurring Charges - Per Channel Termination	First	Additional
Installation/Change	$200.00	$120.00

* Effective January 31, 2002, services associated with these TNJ USOCs are no longer available for new service requests. However, the Company may still use the USOC in instances where the TNT USOC cannot be used.

Service availability limited. Refer to # footnote on Page 7-209.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans (Cont'd)

(A) 2-year Commitment Period – DS1#

Service	USOC	Monthly Rate	Nonrecurring Charges First	Nonrecurring Charges Additional	
Per Channel Termination					
1.544 Mbps/DS1					
Rate Zone 1	TNJZX	$253.39			(I)
Rate Zone 2	TNJZX	280.60			(I)
Rate Zone 3	TNJZX	297.76			(I)
Installation/Change					
Rate Zone 1			$ 355.00	$220.00	
Rate Zone 2			355.00	220.00	
Rate Zone 3			355.00	220.00	

Service availability limited. Refer to ## footnote on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans (Cont'd)

(B) 3-year Commitment Period – DDS Price Cap#

Service	USOC	Monthly Rate	
2.4 kbps DDS Per Channel Termination	TNJJX*/TNTN2	$86.18	(I)
4.8 kbps DDS Per Channel Termination	TNJLX*/TNTN2	103.39	(I)
9.6 kbps DDS Per Channel Termination	TNJNX*/TNTN2	112.01	(I)
19.2 kbps DDS Per Channel Termination	TNJQX*/TNTN2	120.64	(I)
56 kbps DDS Per Channel Termination	TNJSX*/TNTN2	127.95	(I)
64 kbps DDS Per Channel Termination	TNJUX*/TNTN2	146.51	(I)

Nonrecurring Charges - Per Channel Termination	First	Additional
Installation/Change	$200.00	$120.00

* Effective January 31, 2002, the services associated with these TNJ USOCs are no longer available for new service requests. However, the Company may still use the USOC in instances where the TNT USOC cannot be used

Service availability limited. Refer to # footnote on Page 7-209.

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans (Cont'd)

(B) 3-year Commitment Period – DS1#

Service	USOC	Monthly Rate	Nonrecurring Charges First	Nonrecurring Charges Additional	
Per Channel Termination					
1.544 Mbps/DS1					
Rate Zone 1	TNT3X	$223.58			(I)
Rate Zone 2	TNT3X	247.59			(I)
Rate Zone 3	TNT3X	262.73			(I)
Installation/Change					
Rate Zone 1			$355.00	$220.00	
Rate Zone 2			355.00	220.00	
Rate Zone 3			355.00	220.00	

Service availability limited. Refer to ## footnote on Page 7-209.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans (Cont'd)

(C) 5-year Commitment Period – DDS Price Cap#

Service	USOC	Monthly Rate	
2.4 kbps DDS Per Channel Termination	TNJKX*/TNTP2	$ 77.55	(I)
4.8 kbps DDS Per Channel Termination	TNJMX*/TNTP2	86.18	(I)
9.6 kbps DDS Per Channel Termination	TNJPX*/TNTP2	94.76	(I)
19.2 kbps DDS Per Channel Termination	TNJRX*/TNTP2	100.39	(I)
56 kbps DDS Per Channel Termination	TNJTX*/TNTP2	104.43	(I)
64 kbps DDS Per Channel Termination	TNJVX*/TNTP2	120.64	(I)

Nonrecurring Charges - Per Channel Termination	First	Additional
Installation/Change	$200.00	$120.00

* Effective January 31, 2002, services associated with these TNJ USOCs are no longer available for new service requests. However, the Company may still use the USOC in instances where the TNT USOC cannot be used.

Service availability limited. Refer to # footnote on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans (Cont'd)

(C) 5-year Commitment Period – DS1#

Service	USOC	Monthly Rate	Nonrecurring Charges First	Nonrecurring Charges Additional	
Per Channel Termination					
1.544 Mbps/DS1					
Rate Zone 1	TNT4X	$193.77			(I)
Rate Zone 2	TNT4X	214.58			(I)
Rate Zone 3	TNT4X	227.70			(I)
Installation/Change					
Rate Zone 1			$ 1.00	$0.75	
Rate Zone 2			1.00	0.75	
Rate Zone 3			1.00	0.75	

Service availability limited. Refer to ## footnote on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans (Cont'd)

(D) 7-year Commitment Period DS1#

Service	USOC	Monthly Rate	Nonrecurring Charges First	Nonrecurring Charges Additional	
Per Channel Termination					
1.544 Mbps/DS1					
Rate Zone 1	TNT8X	$178.86			(I)
Rate Zone 2	TNT8X	198.07			(I)
Rate Zone 3	TNT8X	210.18			(I)
Installation/Change					
Rate Zone 1			$ 1.00	$0.75	
Rate Zone 2			1.00	0.75	
Rate Zone 3			1.00	0.75	

Service availability limited. Refer to ## footnote on Page 7-209.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.17 Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.18 Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
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7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (T)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.19 Reserved (Cont'd) (T)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

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ACCESS SERVICE

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

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ACCESS SERVICE

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Individual Case Filings

Rates and charges for Special Access Service provided on an individual case basis are filed following:

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Individual Case Filings (Cont'd)

Rates and charges for Special Access Service provided on an individual case basis are filed following:

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