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RATES, RULES and REGULATIONS for FURNISHING INTRASTATE ACCESS TELECOMMUNICATIONS SERVICES
Filed with the
TENNESSEE REGULATORY AUTHORITY

This Tariff contains the regulations and rates applicable to the furnishing of intrastate resale common carrier communications service by Twin Lakes Communications within the State of Tennessee.

TARIFF FORMAT

Page Numbering - Page numbers appear in the upper right hand corner of the page. Pages are numbered sequentially. From time to time new pages may be added to the tariff. When a new page is added between existing pages a decimal is added to the preceding page number. For example, a new page added between Pages 3 and 4 would be numbered 3.1.

Sheet Revision Numbers - Revision numbers also appear in the upper right corner of each sheet. These numbers are used to determine the most current sheet version on file with Tennessee Regulatory Authority. For example, the 4th revised Sheet 14 cancels the 3rd revised Sheet 14

Explanation of Symbols - When changes are made in any tariff sheet, a revised sheet will be issued canceling the tariff sheet affected. Changes will be identified on the revised page(s) through the use of the following symbols:

(C) - To signify changed regulation.

(D) - To signify discontinued rate or regulation.

(I) - To signify increased rates.

(M) - To signify material relocated from one page to another without change.

(N) - To signify new rate, regulation, or text.

(R) - To signify reduced rate.

(T) - To signify a change in text, but no change in rate or regulation.

Check Sheets - When a tariff filing is made with the Tennessee Regulatory Authority, an updated Check Sheet accompanies the tariff filing. The Check Sheet lists the sheets contained in the tariff, with a cross reference to the current revision number. When new sheets are added, the Check Sheet is changed to reflect the revision. All revisions made in a given filing are designated by an asterisk (*). There will be no other symbols used on this sheet if these are the only changes made to it (i.e., the format, etc. remain the same, just revised revision levels on some sheets.)

Issued: _____, 2009 Effective: _____, 2009

TABLE OF CONTENTS

Issued: _____, 2009

Effective: _____, 2009

CHECK SHEET

Page	Number of Revision	Page	Number of Revision
1-1	Original	2-1	Original
1-2	Original	2-2	Original
1-3	Original	2-3	Original
1-4	Original	2-4	Original
1-5	Original	2-5	Original
1-6	Original	2-6	Original
1-7	Original	2-7	Original
1-8	Original	2-8	Original
1-9	Original	2-9	Original
1-10	Original	2-10	Original
1-11	Original	2-11	Original
1-12	Original	2-12	Original
1-13	Original	2-13	Original
1-14	Original	2-14	Original
1-15	Original	2-15	Original
1-16	Original	2-16	Original
1-17	Original	2-17	Original
1-18	Original	2-18	Original
1-19	Original	2-19	Original
1-20	Original	2-20	Original
1-21	Original	2-21	Original
1-22	Original	2-22	Original
1-23	Original	2-23	Original
1-24	Original	2-24	Original
1-25	Original	2-25	Original
1-26	Original	2-26	Original
1-27	Original	2-27	Original
1-28	Original	2-28	Original
1-29	Original	2-29	Original
1-30	Original	2-30	Original
1-31	Original	2-31	Original
1-32	Original	2-32	Original
1-33	Original	2-33	Original
1-34	Original	2-34	Original

Issued: _____, 2009

Effective: _____, 2009

CHECK SHEET

Page	Number of Revision	Page	Number of Revision
2-35	Original		
2-36	Original		
2-37	Original		
2-38	Original		
3-1	Original		
3-2	Original		
3-3	Original		

Issued: _____, 2009

Effective: _____, 2009

ACCESS SERVICE

1. Switched Access Service

1.1 Description and Provision of Feature Group D (FGD)

1.1.1 Design and Traffic Routing

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

For FGD Direct Trunked Transport service, the Telephone Company will determine the routing of Switched Access Service from the point of interface to the first point of switching or, if the customer specifies one or more hub locations for multiplexing, from the point of interface to the hub location, from one hub location to another hub location, and/or from a hub location to the first point of switching.

Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and actual traffic patterns. The Telephone Company will designate the first point(s) of switching and routing to be used where equal access is provided through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

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

1.1.2 Measuring Access Minutes

Customer traffic to end offices will be recorded at end office switches or access tandem switches. Originating and terminating calls will be measured or derived to determine the basis for computing chargeable access minutes.

In the event the customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer access minutes of use based on previously known values.

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.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

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

1.1.2 Measuring Access Minutes (Cont'd)

Originating Usage

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

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

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

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

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

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

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

1.1.2 Measuring Access Minutes (Cont'd)

Terminating Usage

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

For terminating calls over FGD, where measurement capability does not exist, terminating FGD usage is derived from originating usage, excluding usage from calls to closed end services.

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

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

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

1.1.3 Design Blocking Probability

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

For FGD, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods as set forth in reference document Telecommunications Transmission Engineering - Volume 3 - Networks and Services (Chapters 6-7), will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.

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

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

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

1.1.3 Design Blocking Probability (Cont'd)

(B)(Cont'd)

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	7%	8.0%	9%	14.0%
3	5%	6.0%	7%	9.0%
4	5%	6.0%	7%	8.0%
5-6	4%	5.0%	6%	7.0%
7 or more	3%	3.5%	4%	6.0%

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

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

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

1.1.4 Network Blocking Charge

The customer will be notified by the Telephone Company to increase its capacity (busy hour minutes of capacity or quantities of trunks) when excessive trunk group blocking occurs on groups carrying FGD traffic and the measured access minutes for that hour exceed the capacity purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on time consistent, hourly measurements over a 30 day period excluding Saturdays, Sundays and national holidays. If the order for additional capacity has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth in Section 2.2.2 following, for each overflow in excess of the blocking threshold when (1) the average "30 day period" overflow exceeds the threshold level for any particular hour and (2) the "30 day period" measured average originating or two-way usage for the same clock hour exceeds the capacity purchased.

Blocking Thresholds

Trunks in Service	1%	1/2%
1-2	7.0%	4.5%
3-4	5.0%	3.5%
5-6	4.0%	2.5%
7 or greater	3.0%	2.0%

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

1. Switched Access Service (Cont'd)

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

1.1.5 Testing Capabilities

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

When SS7 Signaling is ordered, network compatibility and other testing will be performed cooperatively by the Telephone Company and the customer as specified in Technical References TR-TSV 000905.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.2 Interim Access

1.2.1 Abbreviated Dialing Arrangement (ADA)

FGB Switched Access Service with an ADA (FGB ADA) is available to all customers, other than providers of MTS/WATS, from Telephone Company designated non equal access end offices. FGB ADA enables end users to utilize a one or two digit access code to access customers who have ordered this service. When FGD becomes available in an end office, FGB ADA will no longer be provided at that end office.

(A) FGB ADA Exceptions

FGB ADA is available to all customers other than providers of MTS/WATS and is provisioned like FGB Switched Access Service with the following exceptions:

(1)FGB ADA is available as originating only service, or as both originating and terminating service (2-way). FGB ADA is not available as terminating only service.

(2)FGD ADA is only provided by direct routing to an end office switch.

(3)The forms of the access code for originating FGB ADA switching are N or NX.* Assignment of FGB ADA access codes will be on a first-come, first-served basis and are subject to the availability of access code numbers.

(4)Calls in the terminating direction will not be completed to FGB with an ADA access code (N and NX).

*The abbreviations N and NX when used in the context of FGB ADA denotes the following; N signifies a number between 2 and 9, and X signifies a number between 0 and 9.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features

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

1.3.1 Common Switching Nonchargeable Optional Features

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

Option	Available Feature Groups A	B	C	D
A) Call Denial on Line or Hunt Group	X			
B) Service Code Denial on Line or Hunt Group	X			
C) Hunt Group Arrangement	X			
D) Uniform Call Distribution Arrangement	X			
E) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement	X			
F) Automatic Number Identification (ANI)		X	X	X
G) Up to 7 Digit Outpulsing of Access Digits to Customer		X		
H) Delay Dial Start-Pulsing Signaling			X	
I) Immediate Dial Pulse Address Signaling			X	
J) Dial Pulse Address Signaling			X	
K) Service Class Routing			X	X
L) Alternate Traffic Routing		X	X	X
M) Trunk Access Limitation			X	X
N) Call Gapping Arrangement				X
O) International Carrier Option				X
P) Band Advance Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services	X	X	X	X
Q) End Office End User Line Service Screening for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services			X	X
R) Hunt Group Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services	X	X	X	X
S) Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services	X	X	X	X

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

Option	Available Feature Groups A	B	C	D
T) Nonhunting Number Associated with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services	X	X	X	X
U) Digital Switched 56 Service				X
V) Multifrequency Address Signaling			X	X
W) Signaling System 7 (SS7) Signaling			X	X
X) Calling Party Number (CPN)			X	X
Y) Carrier Selection Parameter (CSP)				
Z) Charge Number Parameter (CNP)			X	X

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(A) Call Denial on Line or Hunt Group

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

(B) Service Code Denial on Line or Hunt Group

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(C) Hunt Group Arrangement

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

(D) Uniform Call Distribution Arrangement

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

(E) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(F) Automatic Number Identification (ANI)

(1) This option provides the automatic transmission of a seven digit or ten digit number and information digits to the customer designated premises for calls originating in the LATA, to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with:

(a) all individual transmission paths in a trunk group routed directly between an end office and a customer designated premises, or where technically feasible, with

(b) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a customer designated premises.

(2) The seven digit ANI telephone number is generally available with FGB and FGC. With these Feature Groups, technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines, coin stations and coinless pay telephones using FGB, or when an ANI failure has occurred. Seven digit ANI is not available with SS7 Signaling.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

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

(3) The ten digit ANI telephone number is only available with FGD. The ten digit ANI telephone number consists of the Number Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below). Ten digit ANI is provided with multifrequency address signaling or SS7 signaling.

(4) With FGC, at the option of the customer, ANI may be ordered from end offices where Telephone Company recording for end user billing is not provided. Additionally, ANI is provided from end offices where message detail recording is not required by the Telephone Company as with 800 service. ANI is not provided from end offices where the Telephone Company forwards ANI to its recording equipment.

(5) Where complete ANI detail cannot be provided, e.g., on calls from 4- and 8-party services, information digits will be provided to the customer.

The information digits identify:

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

ACCESS SERVICE

1 Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

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

(5)(Cont'd)

(b) multiparty line - telephone number is a 4- or 8-party line and cannot be identified - number must be obtained via an operator or in some other manner;

(c) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner;

(d) hotel/motel originated call which requires room number identification;

(e) coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer; and,

(f) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The AIOD ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party.

These ANI information digits are generally available with FGB, FGC, and FGD.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

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

(6) Additional ANI information digits are available with FGD also. They include:

(a) InterLATA restricted - telephone number is identified line;

(b) InterLATA restricted - hotel/motel line;

(c) InterLATA restricted - coinless, hospital, inmate, etc., line.

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

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

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-XXXX) to the customer designated premises.

The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the customer designated premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. This feature is available with FGB.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(H) Delay Dial Start-Pulsing Signaling

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

(I) Immediate Dial Pulse Address Signaling

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

(J) Dial Pulse Address Signaling

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(K) Service Class Routing

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

(L) Alternate Traffic Routing

When the customer orders both Direct Trunked Transport and Tandem Switched Transport at the same end office, this option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches. It is available with FGB, FGC and FGD.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(M) Trunk Access Limitation

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

(N) Call Gapping Arrangement

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(O) International Carrier Option

This option allows for FGD end offices or access tandem switches equipped for International Direct Distance Dialing to be arranged to forward the international calls of one or more international carriers to the customer (i.e., the Telephone Company is able to route originating international calls to a customer other than the one designated by the end user either through presubscription or 10XXX dialing). This arrangement requires provision of written verification to the Telephone Company that the customer is authorized to forward such calls. The written verification must be in the form of a letter of agency authorizing the customer to order the option on behalf of the international carrier. This option is only provided at Telephone Company end offices or access tandems equipped for International Direct Distance Dialing and is available only with FGD.

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

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(Q) End Office End User Line Service Screening for Use With Special Access Service Utilized in the Provision of WATS and WATS-Type Services

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

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

This option provides the ability to sequentially access one of two or more Special Access Services utilized in the provision of WATS services (e.g., 800 Service Special Access services) in the terminating direction, when the hunting number of the Special Access Service group is forwarded from the customer to the Telephone Company. This feature is provided in all Telephone Company designated WATS Serving Offices. It is available with FGA, FGB, FGC and FGD.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(S) Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

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

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

This option provides an arrangement, for an individual Special Access Service utilized in the provision of WATS or WATS-Type Services within a multiline hunt or uniform call distribution group, that provides access to that Special Access Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed, without hunting to the next idle number. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with FGA, FGB, FGC and FGD.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(U) Digital Switched 56 Service

This option provides for a connection between a customer's premise and a suitably equipped end user's premise which uses end office switching and facilities capable of transmitting digital data up to 56 Kilobits per second. Digital Switched 56 Service is only available in appropriately provisioned FGD offices as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

(V) Multifrequency Address Signaling

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(W) Signaling System 7 (SS7) Signaling

This feature provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office switch or the tandem office switching system and the customer's designated premises. The signaling information is transmitted over facilities provided with the Common Channel Signaling/Signaling System 7 Interconnection Service. This feature is available with FGC and FGD and will be provided in accordance with the SS7 Interconnect specifications described in Technical Reference TR-TSV-000905.

(X) Calling Party Number (CPN)

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(Y) Carrier Selection Parameter (CSP)

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

(Z) Charge Number Parameter (CNP)

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.2 Transport Termination Nonchargeable Optional Features

(A) Rotary Dial Station Signaling

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

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

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

Coin, Non-Coin

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

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

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.2 Transport Termination Nonchargeable Optional Features (Cont'd)

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

Combined Coin and Non-Coin

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

(C) Operator Trunk - Full Feature

This option provides the initial coin return control function to the customer's operator. It is available with FGD and is provided as a trunk type for Transport Termination. This feature is not available with SS7 signaling.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.3 Interim NXX Translation

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

For example, when a 1+900+NXX-XXXX call is originated by an end user, the Telephone Company will perform the customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. If the call originated from an end office switch not equipped to provide the customer identification function, the call will be routed to an office at which the function is available. Once customer identification has been established, the call will be routed to that customer. Calls originating from an end office switch at which the customer identification function is performed, but to which the customer has not ordered Interim NXX Translation, will be blocked.

Calls to a 900 number dialed via 1+ from coin telephones, 0-, 10XXX, Inmate Service, and Hotel/Motel Service will be blocked. Calls to a 900 number dialed via 0+ will normally be blocked. Orders received from customers to unblock 0+ calls to a 900 number will be accommodated where suitably equipped facilities exist.

The manner in which Interim NXX Translation is provided is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access capabilities or not equipped with equal access capabilities). When Interim NXX Translation is provided from an end office not equipped with equal access capabilities, it will be provided in conjunction with FGC Switched Access Service.

The charge for Interim NXX Translation is as set forth in Section 2.2.1(C) following.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.4 Operator Transfer Service

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

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

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

-The operator answers the 0- call.

-Initially, the Operator will suggest that the end user dial the customer on a direct basis. If the end user insists that the Operator transfer the call, the Operator will ask the end user to identify the desired customer and will then transfer the call as directed.

-If the end user has no preference, or the identified customer has not subscribed to Operator Transfer Service, the end user will be asked to select from a list of available customers.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.4 Operator Transfer Service (Cont'd)

The list of available Operator Transfer Service customers will be updated monthly. The order in which customers will be read to end users will be initially determined by the sequence in which customers have ordered the Operator Transfer Service. For each subsequent month, following the initial order for Operator Transfer Service, the customer in the first position on the list will be moved to the last position on the list. All other customers on the list will be moved up one position, e.g. 3rd to 2nd, 2nd to 1st, etc. New Operator Transfer Service customers will initially be placed at the bottom of the list of customers.

0 Minus Public Coin calls will be transferred to the end user designated customer. In order to accept coin sent-paid calls, the customer must order signalling as specified in TR-TSY-000506 and TR-NPL-000258.

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

All nonrecurring and usage sensitive rates and charges normally applicable to FGC or FGD apply to Operator Transfer Service.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.5 Common Channel Signaling/Signaling System 7 Network Connection Service (CCSNC)

Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection Service (CCSNC), which is available with FGC and FGD, where technically feasible as designated in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, provides a signaling path between a customer's designated Signaling Point of Interface (SPOI) and a Signaling Transfer Point (STP). This service provides customers with the use of a two-way signaling path for accessing information necessary for the completion of their end user's calls.

CCS/SS7 Network Connection Service is comprised of two rate elements: a Signaling Network Access Link (SNAL) and a Signaling Transfer Point (STP) Port. The SNAL is provided as a dedicated 56 Kbps out-of-band signaling connection between the customer's SPOI and the STP port on the STP.

The CCS/SS7 Network Connection Service is provisioned by a mated pair of STPs as described in Technical Reference TR-TSV 000905 in order to ensure network availability and reliability. The Telephone Company shall not be held liable for service outages if the customer employs technology related to the interconnection of signaling networks that does not adhere to generally accepted industry technical standards.

When CCS/SS7 Network Connection service is provisioned for use with SS7 Signaling, interconnection between signaling networks must occur at an STP.

Rates and charges for the CCS/SS7 Network Connection STP Ports and Signaling Network Access Links are contained in Section 2.2.2 following.

ACCESS SERVICE

1. Switched Access Service (Cont'd)

1.3 Chargeable and Nonchargeable Optional Features (Cont'd)

1.3.6 800 Data Base Access Service

800 Data Base Access Service is provided with FGC or FGD Switched Access Service. When a 1+800+NXX-XXXX call is originated by an end user, the Telephone Company will utilize the Signaling System 7 (SS7) network to query an 800 data base to perform the identification function. The call will then be routed to the identified customer over FGC or FGD switched access.

The manner in which 800 data base access service is provided is dependent on the availability of SS7 service at the end office from which the service is provided as outlined following:

-When 800 data base access service originates at an end office equipped with Service Switching Point (SSP) capability for querying centralized data bases, all such service will be provisioned from that end office.

-When 800 data base access service originates at an end office not equipped with SSP customer identification capability, the 800 call will be delivered to the access tandem on which the end office is homed and which is equipped with the SSP feature to query centralized data bases.

Query charges as set forth in Section 2.2.2 following are in addition to those charges applicable for the FGC or FGD Switched Access Service.

ACCESS SERVICE

2. Rates and Charges

2.1 Carrier Common Line Access Service

2.1.1 Carrier Common Line Access Service

The Telephone Company will provide Carrier Common Line Access Service (Carrier Common Line Access) to customers in conjunction with Switched Access Service. Carrier Common Line Access provides for the use of end users' Telephone Company provided common lines by customers for access to such end users to furnish Intrastate Communications.

	Rate
Premium Access	
- Terminating Per Access Minute	$.028257
- Originating Per Access Minute	$.025527

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.2 Switched Access Service

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point communications path between a customer designated premises and an end user's premises.

2.2.1 Nonrecurring Charges	Rate
(A) Local Transport - Installation	
- Per Entrance Facility	
- Voice Grade Two Wire	$ 227.00
- Voice Grade Four Wire	$ 227.00
- High Capacity DS1	$ 178.00
- High Capacity DS3	$ 941.60
(B) Interim NXX Translation	
- Per Order Per LATA	$ 124.00
(C) FGC and FGD Conversion of Multifrequency Address Signaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling	
- Per 24 Trunks Converted or Fraction thereof on a - Per Order Basis	$ 242.00
(D) Trunk Activation	
- Per 24 Trunks Activated or Fraction thereof on a - Per Order Basis	$ 242.00
(E) Local Transport-Installation	
- Per Line or Trunk	$ 220.00

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.2 Switched Access Service (Cont'd)

2.2.2 Local Transport	Rate
Premium Access	
- Entrance Facility	
Per Termination	
- Voice Grade Two Wire	$ 36.12
- Voice Grade Four Wire	$ 57.79
- High Capacity DS1	$ 198.94
- High Capacity DS3	$ 2,307.75
- Direct Trunked Transport	
- Direct Trunked Facility	
Per Mile	
- Voice Grade	$ 2.57
- High Capacity DS1	$ 25.10
- High Capacity DS3	$ 256.03
- Direct Trunked Termination	
Per Termination	
- Voice Grade	$ 25.85
- High Capacity DS1	$ 116.34
- High Capacity DS3	$ 604.97
- Multiplexing	
Per Arrangement	
- DS3 to DS1	$ 550.00
- DS1 to Voice	$ 212.35

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.2 Switched Access Service (Cont'd)

2.2.2 Local Transport (Cont'd)

	Rate
Premium Access (Cont'd)	
- Tandem Switched Transport	
- Tandem Switched Facility Per Access Minute Per Mile	$0.000116
- Tandem Switched Termination Per Access Minute Per Termination	$0.000539
- Tandem Switching Per Access Minute Per Tandem	$0.000946
- Local Transport Facility Per Access Minute Per Mile	$0.000132
- Local Transport Termination Per Access Minute	$0.0136
- Residual Interconnection Charge Per Access Minute	$0.012778
- Network Blocking Per Blocked Call Applies to FGD only	$0.0359

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.2 Switched Access Service (Cont'd)

2.2.2 Local Transport (Cont'd)

(A) Common Channel Signaling Network Connection

(1) Signaling Network Access Link

	Monthly Rate	Nonrecurring Charge
Signaling Mileage Facility		
- Per Mile	$ 5.16	
Signaling Mileage Termination		
- Per Termination	$ 51.71	
Signaling Entrance Facility		
- Per Facility	$ 66.83	$176.00

(2) STP Port

- Per Port	$476.00

(B) 800 Data Base Access Service Queries

	Rate
- Per Query	
Basic	$0.0075
Vertical Feature	$0.0077

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.2 Switched Access Service (Cont'd)

2.2.3 End Office

(A) Local Switching

	Premium	Rate
-	Local Switching 1 Per Access Minute FGA & FGB (except: (1) FGB utilized for the provision of MTS/WATS service and (2) FGA & FGB when utilized for the provision of terminating inward WATS and WATS-type services at an equal access WATS Serving Office).	$0.0392
-	Local Switching 2 Per Access Minute FGC & FGD (including: (1) FGB when utilized for the provision of MTS/WATS service and (2) FGA & FGB when utilized for the provision of terminating inward WATS and WATS-type services at an equal access WATS Serving Office).	$0.0392

(B) Information Surcharge

-	Premium Per 100 Access Minutes	$0.0232

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.2 Switched Access Service (Cont'd)

2.2.4 Feature Group B (FGB) with an Abbreviated Dialing Arrangement (ADA) Rate Factor

When developing Carrier Common Line and Traffic Sensitive rates and charges for FGB ADA, the Telephone Company will multiply the charges computed by an ADA rate factor. The ADA rate factor is $0.95.

2.2.5 Reserved

2. Rates and Charges (Cont'd)

2.2 Switched Access Service (Cont'd)

2.2.6 Assumed Minutes of Use

	Assumed Minutes Per Line or Trunk Per Month
(A) FGA, Two-Way Calling (1510 Originating, 2685 Terminating)	4195
(B) FGA, Originating Only	1510
(C) FGA, Terminating Only	2685
(D) FGB, Two-Way Calling (3132 Originating, 5568 Terminating)	8700
(E) FGB, Originating Only	3132
(F) FGB, Terminating Only	5568

2.2.7 Operator Transfer Service	Rate
- Per call transferred	$0.4588

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service

2.3.1 Surcharge for Special Access Service

Special access services provided under this tariff may be subject to the monthly Special Access Surcharge.

	Monthly Rate
- Per Voice Grade Equivalent	$ 25.00

2.3.2 Metallic Service

A Metallic channel is an unconditioned two-wire channel arranged to transmit direct current and capable of transmitting low speed varying signals at rates up to 30 baud.

		Monthly Rate	Nonrecurring Charge
(A)	Channel Termination Per Termination	$19.88	$58.00
(B)	Channel Mileage		
(1)	Channel Mileage Facility Per Mile	$30.94	
(2)	Channel Mileage Termination Per Termination	$ 2.16	
(C)	Optional Features and Functions		
(1)	Bridging		
(a)	Three Premises Bridging Per Port	$ 6.15	
(b)	Series Bridging Per Port	$ 6.15	

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.3 Telegraph Grade Service

Telegraph Grade channel is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud.

	Monthly Rate	Nonrecurring Charge
(A) Channel Termination Per Termination		
- Two-Wire	$19.88	$ 58.00
- Four-Wire	$39.77	$ 58.00
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile	$ 2.57	
(2) Channel Mileage Termination Per Termination	$25.85	
(C) Optional Features and Functions		
(1) Telegraph Bridging Per Port		
- Two-Wire	$ 6.15	
- Four-Wire	$ 6.15	

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.4 Voice Grade Service

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 two-wire or four-wire.

	Monthly Rate	Nonrecurring Charge
(A) Channel Termination Per Termination		
- Two-Wire	$36.12	$227.00
- Four-Wire	$57.79	$227.00
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile	$ 2.57	
(2) Channel Mileage Termination Per Termination	$25.85	
(C) Optional Features and Functions		
(1) Bridging		
(a) Voice Bridging Per Port		
- Two-Wire	$ 6.15	
- Four-Wire	$ 6.15	

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.4 Voice Grade Service (Cont'd)

	Monthly Rate
(C) Optional Features and Functions (Cont'd)	
(1) Bridging (Cont'd)	
(b) Data Bridging Per Port	
- Two-Wire	$ 6.15
- Four-Wire	$ 6.15
(c) Telephoto Bridging Per Port	
- Two-Wire	$ 6.15
- Four-Wire	$ 6.15
(d) DATAPHONE Select-A-Station Bridging	
Sequential Arrangement Ports Per channel connected	
- Two-Wire	$ 22.19
- Four-Wire	$ 117.70
Addressable Arrangement Ports Per channel connected	
- Two-Wire	$ 23.75
- Four-Wire	$ 102.80

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.4 Voice Grade Service (Cont'd)

	Monthly Rate
(C) Optional Features and Functions (Cont'd)	
(1) Bridging (Cont'd)	
(e) Telemetry and Alarm Bridging	
Active Bridging Channel Connections Per channel connected	
- Split Band	$ 8.89
- Summation	$ 3.47
Passive Bridging Channel Connections Per channel connected	$ 0.24
(2) Conditioning Per Termination	
- C Type	$ 7.90
- Data Capability	$ 5.30
- Telephoto Capability	$ 9.02
- Sealing Current	None

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.4 Voice Grade Service (Cont'd)

	Monthly Rate
(C) Optional Features and Functions (Cont'd)	
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination	
- Two-Wire	$ 13.35
- Four-Wire	$ 13.35
(4) Customer Specified Receive Level Per Two-Wire Termination	$ 8.80
(5) Multiplexing Per Arrangement	
- Voice to Telegraph Grade	$226.19
(6) Signaling Capability Per Termination	$ 13.50
(7) Selective Signaling Arrangement Per Arrangement	$ 6.50

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.4 Voice Grade Service (Cont'd)

	Monthly Rate
(C) Optional Features and Functions (Cont'd)	
(8) Transfer Arrangement Key Activated* or Dial-Up**	
- Per four port arrangement including control channel termination ***	$ 3.13
- Per five port arrangement including control channel termination ***	$ 7.14
(9) Public Packet Switching Network (PPSN) Interface Arrangement Per arrangement	ICB

ICB rates and charges are filed in ***Section 2.3.9*** following.

* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

** The Dial-up option requires the customer to purchase the Controller Arrangement. Included as part of the Controller Arrangement is a dial-up data station located at the Telephone Company Central Office to provide access to the Controller Arrangement. This dial-up data station consists of a 212A DATAPHONE data set and an appropriate Telephone Company provided channel. The Controller Arrangement must be located in the same Telephone Company central office as the transfer functions which it controls.

*** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.5 Program Audio Service

A Program Audio channel is a channel with bandwidth measured in Hz for the transmission of a complex signal voltage.

(A) Channel Termination
Per Termination

	Monthly Rate	Daily* Rate	Nonrecurring Charge Monthly	Nonrecurring Charge Daily
- 200to 3500 Hz	$35.41	$ 3.54	$192.00	$192.00
- 100 to 5000 Hz	$38.79	$ 3.88	$192.00	$192.00
- 50 to 8000 Hz	$38.79	$ 3.88	$192.00	$192.00
- 50 to 15000 Hz	$38.79	$ 3.88	$192.00	$192.00

(B) Channel Mileage

(1) Channel Mileage Facility
Per Mile

	Monthly Rate	Daily* Rate
- 200 to 3500 Hz	$ 2.57	$0.26
- 100 to 5000 Hz	$ 5.16	$0.52
- 50 to 8000 Hz	$ 7.73	$0.77
- 50 to 15000 Hz	$10.31	$1.03

(2) Channel Mileage Termination
Per Termination

- 200 to 3500 Hz	$ 25.85	$ 2.59
- 100 to 5000 Hz	$ 51.71	$ 5.17
- 50 to 8000 Hz	$ 77.55	$ 7.76
- 50 to 15000 Hz	$103.40	$10.34

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.5 Program Audio Service (Cont'd)

(C) Optional Features and Functions

		Monthly Rate	Daily* Rate
(1)	Bridging, Distribution Amplifier Per Port	$ 19.97	$ 2.00
(2)	Gain Conditioning Per Service	$ 12.90	$ 1.29
(3)	Stereo Per Service	$ 22.15	$ 2.22

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.6 Video Service

A Video channel is a channel with one-way transmission capability for a standard 525 line/60 field monochrome, or National Television Systems Committee color, video signal and one or two associated 5 or 15 kHz audio signal(s).

	Monthly Rate	Daily* Rate	Nonrecurring Charge Monthly	Nonrecurring Charge Daily
(A) Channel Termination Per Termination				
- TV-1 or 2	$367.67	$202.22	$200.00	$200.00
- 4TV-5	$358.71	$197.29	$200.00	$200.00
- 6TV-5	$381.16	$209.64	$200.00	$200.00
- TV-15	$395.63	$217.60	$200.00	$200.00

	Monthly Rate	Daily* Rate
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile		
- All	$336.75	$185.21
(2) Channel Mileage Termination Per Termination		
- All	$358.67	$197.27

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.7 Digital Data Service

A Digital Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0* Kbps.

	Monthly Rate	Nonrecurring Charge
(A) Channel Termination Per Termination		
- 2.4 kbps	$66.83	$176.00
- 4.8 kbps	$66.83	$176.00
- 9.6 kbps	$66.83	$176.00
- 19.2 kbps	$66.83	$176.00
- 56.0 kbps	$66.83	$176.00
- 64.0 kbps	$66.83	$176.00
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile		
- 2.4 kbps	$ 2.57	
- 4.8 kbps	$ 2.57	
- 9.6 kbps	$ 2.57	
- 19.2 kbps	$ 2.57	
- 56.0 kbps	$ 5.16	
- 64.0 kbps	$ 5.16	
(2) Channel Mileage Termination Per Termination		
- 2.4 kbps	$25.85	
- 4.8 kbps	$25.85	
- 9.6 kbps	$25.85	
- 19.2 kbps	$25.85	
- 56.0 kbps	$51.71	
- 64.0 kbps	$51.71	

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.7 Digital Data Service (Cont'd)

(C) Optional Features and Functions	Monthly Rate
(1) Bridging Per Port	$ 7.85
(2) Loop Transfer Arrangement Per four port arrangement* Key Activated** or Dial-Up***	$ 6.21
(3) Public Packet Switching Network (PPSN) Interface Arrangement	
- Per 9.6 kbps Arrangement	ICB
- Per 56.0 kbps Arrangement	ICB

ICB Rates and Charges are filed in Section 2.3.9 following.

* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

** The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

*** The Dial-Up option requires the customer to purchase the Controller Arrangement. Included as part of the Controller Arrangement is a dial-up data station located at the Telephone Company Central Office to provide access to the Controller Arrangement. This dial-up data station consists of a 212A DATAPHONE data set and an appropriate Telephone Company provided channel. The Controller Arrangement must be located in the same Telephone Company central office as the transfer functions which it controls.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.8 High Capacity Service

A High Capacity channel is a channel for the transmission of nominal 64.0 Kbps* or 1.544, 3.152, 6.132, 44.736, or 274.176 Mbps isochronous serial data.

	Monthly Rate	Nonrecurring Charge
(A) Channel Termination Per Termination		
- DS1 1.544 Mbps	$ 198.94	$178.00
- DS1C 3.152 Mbps	ICB	ICB
- DS2 6.312 Mbps	ICB	ICB
- Capacity of 1 DS3 44.736 Mbps Interface	$2,307.75	
- per DS3 Channel Installed		$941.60
- Capacity of 3 DS3 44.736 Mbps Interface	$1,765.42	
- per DS3 Channel Installed	$1,373.11	$941.60
- Capacity of 6 DS3 44.736 Mbps Interface	$3,323.15	
- per DS3 Channel Installed	$1,163.10	$941.60
- Capacity of 12 DS3 44.736 Mbps Interface	$5,400.12	
- per DS3 Channel Installed	$1,050.02	$941.60
- DS4 274.176 Mbps	ICB	ICB

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.8 High Capacity Service (Cont'd)

		Monthly Rate
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile		
- 64. kbps*		$ 5.16
- 1.544 Mbps		$ 25.10
- 3.152 Mbps	ICB	
- 6.312 Mbps	ICB	
- 44.736 Mbps		$256.03
- 274.176 Mbps	ICB	
(2) Channel Mileage Termination Per Termination		
- 64. kbps*		$ 51.71
- 1.544 Mbps		$116.34
- 3.152 Mbps	ICB	
- 6.312 Mbps	ICB	
- 44.736 Mbps		$604.97
- 274.176 Mbps	ICB	

(C) Term Discounts	Percentage
- DS1 and DS3 services	
36 months	10%
60 months	20%

ICB rates and charges are filed in Section 2.3.9 following.

* Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 kbps.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.8 High Capacity Service (Cont'd)

(C) Optional Features and Functions	Monthly Rate
(1) Multiplexing Per Arrangement	
DS4 to DS1	ICB
DS3 to DS1	$ 550.00
DS2 to DS1	ICB
DS1C to DS1	ICB
DS1 to Voice*	$ 212.35
DS1 to DSO	$ 268.60
DSO to Subrates	
- Up to 20 2.4 kbps services	$ 398.30
- Up to 10 4.8 kbps services	$ 287.90
- Up to 5 9.6 kbps services	$ 251.15

ICB rates and charges are filed in Section 2.3.9 following.

* A channel of this DS1 to the Hub can be used for Digital Data service.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.8 High Capacity Service (Cont'd)

(C) Optional Features and Functions (Cont'd)		Monthly Rate
(2)	Automatic Loop Transfer Per Arrangement*	$ 202.60
(3)	Transfer Arrangement Key Activated** or Dial-Up*** Per four port arrangement including control channel termination****	$ 172.20
(4)	Clear Channel Capability Per 1.544 Mbps transmission path	None

* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

** The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

*** The Dial-Up option requires the customer to purchase the Controller Arrangement. Included as part of the Controller Arrangement is a dial-up data station located at the Telephone Company Central Office to provide access to the Controller Arrangement. This dial-up data station consists of a 212A DATAPHONE data set and an appropriate Telephone Company provided channel. The Controller Arrangement must be located in the same Telephone Company central office as the transfer functions which it controls.

**** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.3 Special Access Service (Cont'd)

2.3.9 Individual Case Filings

Rates and charges for Special Access Service provided on an individual case basis are filed following:

Reserved

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.4 Other Services

2.4.1 Access Ordering

An Access Order is an order to provide the customer with Switched and Special Access or Access Related Service or to provide changes to existing services.

	Charge
(A) Access Order Charge	
Per Order	$124.00
(B) Service Date Change Charge	
A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in Section 17.4.1(A) preceding does not apply. The applicable charge is:	
Service Date Change Charge Per Order	$ 19.00
(C) Design Change Charge	
The Design Change Charge will apply on a per order per occurrence basis, for each order requiring a design change. The applicable charge is:	
Design Change Charge Per Order	$ 19.00
(D) Miscellaneous Service Order Charge	
Per Occurrence	$ 19.00

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.4 Other Services (Cont'd)

2.4.2 Additional Engineering

Additional Engineering, including engineering reviews, will be undertaken only after the Telephone Company has notified the customer that additional engineering charges apply and the customer agrees to such charges.

Additional Engineering Periods	Each Half Hour or Fraction Thereof
(A) Basic Time (normally scheduled working hours) Per Engineer	$ 18.49
(B) Overtime (outside of normally scheduled working hours) Per Engineer	$ 27.73
(C) Premium Time (outside of scheduled work day) Per Engineer	$ 36.98

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.4 Other Services (Cont'd)

2.4.3 Additional Labor

Additional Labor is that labor requested by the customer on a given service and agreed to by the Telephone Company. The Telephone Company will notify the customer that additional labor charges will apply before any additional labor is undertaken.

Additional Labor Periods	Each Half Hour or Fraction Thereof
(A) Installation or Repair	
- Overtime* (outside of normally scheduled working hours on a scheduled work day) Per Technician	$ 21.60
- Premium Time* (outside of scheduled work day) Per Technician	$ 28.80
(B) Stand by	
- Basic time (normally scheduled working hours) Per Technician	$ 16.42
- Overtime* (outside of normally scheduled working hours on a scheduled work day) Per Technician	$ 24.63
- Premium Time* (outside of scheduled work day) Per Technician	$ 32.83

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.4 Other Services (Cont'd)

2.4.3 Additional Labor (Cont'd)

Additional Labor Periods	Each Half Hour or Fraction Thereof	
	Installation and Repair Technician	Central Office Maintenance Technician
(C) Testing and Maintenance with other Telephone Companies, or Other Labor		
- Basic Time (normally scheduled working hours) Per Technician	$ 14.40	$ 17.16
- Overtime* (outside of normally scheduled working hours on a scheduled work day) Per Technician	$ 21.60	$ 25.74
- Premium Time* (outside of scheduled work day) Per Technician	$ 28.80	$ 34.32

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.4 Other Services (Cont'd)

2.4.4 Miscellaneous Services

(A) Additional Cooperative Acceptance Testing - Switched Access

Testing Periods	Each Half Hour or Fraction Thereof
Basic Time, Overtime and Premium Time	*See the rates for *Additional Labor as set forth in Section 2.4.3(C) preceding.

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.4 Other Services (Cont'd)

2.4.4 Miscellaneous Services (Cont'd)

(B) Additional Automatic Testing - Switched Access To First Point of Switching

Additional Tests	Per Test Per Transmission Path
Gain-Slope Tests	$2.89
C-Notched Noise Tests	$2.89
1004 Hz Loss*	$2.89
C-Message Noise*	$2.89
Balance (return loss)*	$2.89

(C) Additional Manual Testing - Switched Access

To First Point of Switching

Additional Tests	Each Half Hour or Fraction Thereof
Gain-Slope, C-Notched Noise and any other agreed to tests, per technician preceding.	See the rates for Additional Labor as set forth in Section 2.4.3(C)

* 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests, however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein apply.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.4 Other Services (Cont'd)

2.4.4 Miscellaneous Services (Cont'd)

(D) Additional Cooperative Acceptance Testing - Special Access

Testing Periods	Each Half Hour or Fraction Thereof
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set

(E) Additional Manual Testing - Special Access

Testing Periods	Each Half Hour or Fraction Thereof
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set

(F) Maintenance of Service

Maintenance of Service Periods	Each Half Hour or Fraction Thereof
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.4 Other Services (Cont'd)

2.4.4 Miscellaneous Services (Cont'd)

(G)	Telecommunication Service Priority	Nonrecurring Charge
	Per service arranged	$ 54.63
(H)	Controller Arrangement	Monthly Rate
	Per Arrangement	$100.00
(I)	Presubscription	Nonrecurring Charge
	Per Telephone Exchange Service line or trunk*	$ 5.00
(J)	Unauthorized PIC Change	
	- Residence/Business Per Telephone Exchange Service line or trunk	$ 35.65
	- Public and/or Semi-public pay telephone Per Telephone Exchange Service line or trunk	$ 57.57

* This charge is billed to the end user who is the subscriber to the Telephone Exchange Service. In the event an end user is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event an end user is incorrectly presubscribed due to misassignment on the part of the IC, and the IC is unable to document such an assignment, the Telephone Company will apply the charge to the IC responsible for the misassignment of the end use and assign the end user to an IC of the end user's choice.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.4 Other Services (Cont'd)

2.4.4 Miscellaneous Services (Cont'd)

(K) 900 Blocking Service*

	Nonrecurring Charge
- Per Telephone Exchange Service line or trunk, and/or per FGA Switched Access Line	$0.00

(L) Billing Name and Address Service

- Per BNA Order	$0.00
- Per BNA Record	$0.00
- Optional Magnetic Tape Charge Per Magnetic Tape	$0.00
- Optional Format Programming Charge Per each half hour or fraction thereof	$0.00

* Blocking access to 900 Service is offered to all subscribers at no charge at the time telephone service is established at a new number and for 60 days thereafter.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.4 Other Services (Cont'd)

2.4.5 Special Federal Government Access Services

(A) Voice Grade Secure Communications

	Monthly Rates	Nonrecurring Charges	Termination Charges
Type I, each T-3 Conditioning,	ICB rates and charges apply		
Additional Conditioning, per service termination	ICB rates and charges apply		
Type II, each G-1 Conditioning,	ICB rates and charges apply		
Type III, each G-2 Conditioning,	ICB rates and charges apply		
Additional Conditioning, per service termination	ICB rates and charges apply		
Type IV, each G-3 Conditioning,	ICB rates and charges apply		
Additional Conditioning, per service termination	ICB rates and charges apply		

(B) Wideband Digital Special Access Service

Wideband Secure Communications	Monthly Rates	Nonrecurring Charges	Termination Charges
Type I, each			ICB rates and charges apply
Type II, each			ICB rates and charges apply
Type III, each			ICB rates and charges apply

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.4 Other Services (Cont'd)

2.4.6 Special Facilities Routing of Access Services

The services provided under this tariff are provided over such routes and facilities as the Telephone Company may elect.

(A) Diversity

For each service provided, the rates and charges will be developed on an individual case basis.

(B) Avoidance

For each service provided, the rates and charges will be developed on an individual case basis.

(C) Diversity and Avoidance Combined

For each service provided, the rates and charges will be developed on an individual case basis.

(D) Cable-Only Facilities

For each service provided, the rates and charges will be developed on an individual case basis.

ACCESS SERVICE

2. Rates and Charges (Cont'd)

2.4 Other Services (Cont'd)

2.4.7 Specialized Service or Arrangements

Specialized Service or Arrangements may be provided by the Telephone Company, at the request of a customer, on an individual case basis.

3. Assistance Programs

3.1 Telecommunications Relay Service (TRS): The Tennessee Telecommunications Relay Service (TRS) is a relay telecommunications service for the deaf, hearing and/or speech disabled population of the state of Tennessee. The service permits telephone communications between individuals with hearing and/or speech disabilities who must use a text telephone and individuals with normal hearing and speech.

3.2 Link-Up America: Link –Up Tennessee is offered in all exchanges to provide subsidized assistance to qualifying applicants. It is intended to preserve and promote subscribership among low-income households by providing a credit to the installation and service charges applicable to the provisioning of residence service.

Regulations:

a. Persons wishing to qualify for the credit must meet state certification criteria for eligibility. This credit is available only to residence customers, and will be applied to the non-recurring charges for the establishment of service for a single-telephone line per household at the principal place of residence.

b. The subscriber must not be a dependent for federal income tax purposes, unless the customer is more than 60 years of age.

c. The customer must meet the requirements of a state established income test.

Rates & Charges: A non-recurring credit in the amount of one-half (maximum of $30.00) of the installation and connection charges will be applied to the **qualifying** customers total non-recurring installation and connection charge.

3. Assistance Programs (Cont'd)

3.3 Lifeline Assistance Program: The Lifeline Assistance Program adopted by the Tennessee Regulatory Authority provides for a federal credit equal to 100 percent of the Interstate Subscriber Line Charge or its equivalent value plus an equivalent state provided subsidy. The program is available only in conjunction with residence individual line service. The federal and state credits are applied to the local service bills for qualified residential recipients of Aid to Families with Dependent Children (AFDC), Supplemental Security Income (SSI), Food Stamps, or Medicaid.

3.3.1 Application & Regulations: Guidelines for implementation of this program are as follows:

a. Certification Procedures: All applications for this service will be verified with the state agency responsible for administration of the programs mentioned preceding.

b. Processing Procedures: The Company will process all applications and apply the appropriate credit on the customer's monthly bill. A secondary service charge is not applicable for existing customers subscribing to Lifeline.

c. Verification Procedures: The Company will reconcile and confirm eligibility semi-annually by providing the agency involved with a computer tape (directly or through a third party) of all credit recipients. A verification of eligible recipients will be made. The credit will be discontinued on the bill following written notification to the customer of ineligibility. The ineligible customer's service will be converted to flat rate, unless otherwise requested by the customer.

3.3.2 Rates & Charges: To participate in the Lifeline Assistance Program, qualified residential customers will be required to subscribe to Basic Access Service as defined in this Tariff.

a. Lifeline Residence Individual Line Service- Credit:

	Monthly Rate:	
1) Federal Lifeline Credit	$6.50	(C)
2) State Lifeline Credit	$3.50	

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