

**ACCESS SERVICE**

Regulations, Rates and Charges  
applying to the provision of Access Service  
for connection to interstate communications facilities  
for Interstate Customers within the  
operating territory of  
Nex-Tech, Inc. (f/k/a RTSC Communications, Inc.)

Access Services are provided by means of wire, fiber optics, radio or any other suitable technology or a combination thereof.

ISSUING CARRIERS

Nex-Tech, Inc. (f/k/a RTSC Communications, Inc.)  
145 North Main  
Lenora, KS 67645

CHECK SHEET

(T)

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CONCURRING CARRIERS

NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

NO OTHER PARTICIPATING CARRIERS

REGISTERED SERVICE MARKS

NONE

REGISTERED TRADEMARKS

NONE

EXPLANATION OF SYMBOLS

C	- to signify changed regulation.
D	- to signify discontinued rate or regulation.
I	- to signify increase to a rate or charge.
M	- to signify matter relocated without change.
N	- to signify new rate or regulation.
R	- to signify reduction to a rate or charge.
S	- to signify matter reissued without change.
T	- to signify a change in text but no change in rate or regulation.
Z	- to signify a correction.

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EXPLANATION OF ABBREVIATIONS

ac	-Alternating current
ANI	-Automatic Number Identification
AT&T	-American Telephone and Telegraph Company
BD	-Business Day
BHMC	-Busy Hour Minutes of Capacity
BNA	-Bill Name and Address
BTN	-Billed Telephone Number
CCS	-Common Channel Signaling
CCSN	-Common Channel Signaling Network
CCSAC	-Common Channel Signaling Access Capability
CO	-Central Office
CNP	-Charge Number Parameter
Cont'd	-Continued
CPE	-Customer Premises Equipment
CPN	-Calling Party Number
CSP	-Carrier Selection Parameter
DA	-Directory Assistance
dB	-decibel
dc	-direct current
EPL	-Echo Path Loss
ESS	-Electronic Switching System
ESSX	-Electronic Switching System Exchange
f	-frequency
F.C.C.	-Federal Communications Commission
FX	-Foreign Exchange

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EXPLANATION OF ABBREVIATIONS (Cont'd)

IC	-Interexchange Carrier
ICB	-Individual Case Basis
kbps	-kilobits per second
kHz	-kilohertz
LATA	-Local Access and Transport Area
MMUC	-Minimum Monthly Usage Charge
MRC	-Monthly Recurring Charge
MTS	-Message Telecommunications
NPA	-Numbering Plan Area
NRC	-Nonrecurring Charge
NTS	-Non-Traffic Sensitive
NXX	-Three-Digit Central Office Code
PBX	-Private Branch Exchange
PCM	-Pulse Code Modulation
PI	-Priority Installation
POT	-Point of Termination
PR	-Priority Restoration
SAC	-Service Access Code
SNAL	-Signaling Network Access Link
SP	-Signaling Point
SPOI	-Signaling Point of Interface
SRL	-Singing Return Loss
SSN	-Switched Service Network
SS7	-Signaling System 7
SSP	-Service Switching Point
STP	-Signaling Transfer Point

EXPLANATION OF ABBREVIATIONS (Cont'd)

TSP	-Telecommunications Service Priority
TSPS	-Traffic Service Position System
TV	-Television
USOC	-Uniform Service Order Code
VG	-Voice Grade
V&H	-Vertical & Horizontal
WATS	-Wide Area Telecommunications Service(s)

REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof.

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REFERENCE TO TECHNICAL PUBLICATIONS

The following technical publications are referenced in this tariff and may be obtained from Bell Communications Research, Inc., Customer Services, 60 New England Ave., Piscataway, NJ 08854-4196.

Technical Reference:

PUB 41004 Data Communications Using Voiceband Private Line Channels

Issued: October, 1973

PUB 62310 Digital Data System Channel Interface Specification

Issued: September, 1983

PUB 62411 High Capacity Digital Service Channel Interface Specification

Issued: September, 1983, Addendum October, 1984

TR-NWT-000334, Issue 2 Voice Grade Switched Access Service -

Transmission Parameter Limits and Interface Combinations

Issued: September 1990

TR-TSY-000335, Issue 2 Voice Grade Special Access Service -

Transmission Parameter Limits and Interface Combinations

Issued: May 1990

TR-NPL-000336 Metallic and Telegraph Grade Special Access Service -

Transmission Parameter Limits and Interface Combinations

Issued: October 1987

TR-NPL-000337 Program Audio Special Access Service and Local Channel  
Services

Issued: July 1987

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

TR-NPL-000341 Digital Data Special Access Service -  
Transmission Parameter and Interface Combinations  
Issued: March 1989

TR-NPL-000337

TR-INS-000342 High Capacity Digital Special Access Service  
Issued: February 1991

SR-STDS-000307 NC/NCI Code Dictionary  
Issued: December 1990

The following technical publication is referenced in this tariff and may be obtained from the Bell Communication Technical Education Center Room B02, 6200 Route 53, Lisle, IL 60532:

Telecommunications Transmission Engineering  
Volume 3 - Networks and Services (Chapters 6 and 7)  
Second Edition, 1980  
Issued: June, 1980

The following technical publication is referenced in this tariff and may be obtained from the National Exchange Carrier Association, Inc., Director - Tariff and Regulatory Matters, 100 S. Jefferson Road, Whippany, N.J. 07981 and the Federal Communications Commission's commercial contractor.

PUB AS No. 1 - Issue II Access Service  
Issued: May, 1984, Addendum: March, 1987

The following technical publications are referenced in this tariff and may be obtained from Bell Communications Research, Inc. Distribution Storage Center, 60 New England Avenue, Piscataway, N.J. 08854. Updates to this document are performed periodically.

1. Multiple Exchange Carrier Access Billing Guidelines (MECAB)  
  
Ordering and Billing Forum  
Issued: November, 1987      Available: November, 1987
2. Multiple Exchange Carrier Ordering and Design guidelines (MECOD)  
  
Ordering and Billing Forum  
Issued: October, 1985      Available: November, 1985

The following publications are referenced in this tariff and may be obtained from the Government Printing Office, Superintendent of Documents, Document Control Branch, 941 N. Capitol St., N.E., Washington, D.C. 20401.

Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP)  
Service Vendor Handbook, National Communications System (NCSH 3-1-2)

Dated: July 9, 1990

Available: August, 1990

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Issued: 4/23/03

Issued by:  
Mr. Larry E. Sevier  
General Manager  
Nex-Tech, Inc. (f/k/a RTSC Communications, Inc.)  
145 North Main  
Lenora, KS 67645

Effective: 5/08/03

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**1. Application of Tariff**

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of Carrier Common Line, End User Access, Switched Access, Special Access Services, Lifeline Assistance, Universal Service Fund, and other miscellaneous services, hereinafter referred to collectively as service(s), provided by the Issuing Carriers of this tariff hereinafter referred to as the Telephone Company, to Customer(s).
- 1.2 The provision of such services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the customer for the furnishing of any service.
- 1.3 In consideration of the benefits that the Telephone Company receives by making lower priced long distance services available to the Telephone Company's end users, the access services described in this tariff shall be provided at lower rates to the interexchange carrier that signs a contract with the Telephone Company or the Telephone Company's affiliates for the purchase of wholesale long distance services from that interexchange carrier. For that particular interexchange carrier, the rates and charges for the services provided under this tariff shall be determined on an individual case basis (ICB). Other than this one exception, the rates and charges for the services provided by the Telephone Company under this tariff shall be those set forth in Section 12 of this tariff.



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**2. General Regulations****2.1 Undertaking of the Telephone Company****2.1.1 Scope**

- (A) The Telephone Company does not undertake to transmit messages under this tariff.
- (B) The Telephone Company shall be responsible only for the installation, operation and maintenance of the service it provides.
- (C) The Telephone Company will, for maintenance purposes, test its services only to the extent necessary to detect and/or clear troubles.
- (D) Services are provided 24 hours daily, seven days per week, except as set forth in other sections of this tariff.

**2.1.2 Limitations**

- (A) The customer may assign or transfer the use of services under this tariff if there is no interruption in or relocation of services. The assignee or transferee must agree to assume all outstanding indebtedness for services provided under this tariff and any termination liability associated with the services provided. The customer will remain jointly liable with the assignee or transferee for any obligations existing at the time of the assignment.

Prior to assignment, the Telephone Company must acknowledge in writing that all requirements have been met. Acknowledgement will be made within fifteen days after the Telephone Company has been notified of the proposed assignment.

- (B) All services offered in this tariff will be provided on a first-come first-served basis except as provided for following.

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2. **General Regulations**

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability

- (A) Except in the case of willful misconduct for which the Telephone Company's liability is not limited by this tariff, the Telephone Company's liability for damages shall not exceed an amount equal to the proportionate tariff charge for the period during which the service was affected. This liability for damages shall be in addition to any amounts that may be due the customer as described in Section 2.4.3, following.
- (B) The Telephone Company shall not be liable for any act or omission of any other carrier or customer providing a portion of a service.
- (C) The Telephone Company is not liable for damages to the customer premises resulting from the furnishing of a service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Telephone Company's negligence.

**2. General Regulations** (Cont'd)**2.1 Undertaking of the Telephone Company** (Cont'd)**2.1.3 Liability** (Cont'd)

- (D) The Telephone Company shall be indemnified, defended and held harmless by the end user against any claim, loss or damage arising from the end user's use of services offered under this tariff, involving:
- (1) Claims for libel, slander, invasion of privacy, or infringement of copyright or unauthorized use of any trademark, trade name, or service mark arising out of the material, data, information, or other content transmitted over the Telephone Company's facilities;
  - (2) Claims for patent infringement arising from the end user's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end users or IC;
  - (3) Any claim, loss or damage arising from the use of services offered under this tariff including but not limited to claims by subscribers to or users of any services provided to or resold by the customer; and
  - (4) All other claims arising out of any act or omission of the end user in the course of using services provided pursuant to this tariff.
- (E) The Telephone Company's failure to provide or maintain services under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Telephone Company, Acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the Credit Allowance for a Service Interruption as set forth in Section 2.4.3, following.
- (F) The Telephone Company shall be indemnified, defended and held harmless by the Customer, against any claim, loss or damage arising from the use of services offered under this tariff including, but not limited to claims by subscribers to services provided to the Customer, and users of services provided by or resold by the Customer.

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**2. General Regulations** (Cont'd)**2.1.4 Provision of Services**

The Telephone Company's obligation to furnish the services described in this tariff is dependent upon its ability to provide such service after provision has been made for the Telephone Company's exchange services.

**2.1.5 Installation and Termination of Services**

The services provided under this tariff (A) will include any entrance cable or drop wiring and wire or intrabuilding cable to that point where provision is made for termination of the Telephone Company's outside distribution network facilities at a suitable location inside a customer-designated premises and (B) will be installed by the Telephone Company to such Point of Termination. Wire required within a building to extend Access Service facilities will be provided, at the Customer's request, on a time sensitive charge basis. The labor rates for the installation of such wire are the same as those set forth in Section 12.2.4(B), following, for Other Labor.

**2.1.6 Maintenance of Services**

The services provided under this tariff shall be maintained by the Telephone Company. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Telephone Company, other than by connection or disconnection to any interface means used, except with the written consent of the Telephone Company.

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**2. General Regulations** (Cont'd)**2.1 Undertaking of the Telephone Company** (Cont'd)**2.1.7 Changes and Substitutions**

Except as provided for equipment and systems subject to FCC Part 68 Regulations at 47 C.F.R. Section 68.110(b), the Telephone Company may, where such action is reasonably required in the operation of its business, (A) change any facilities used in providing service under this tariff, (B) change minimum protection criteria, (C) change operating or maintenance characteristics of facilities or (D) change operations or procedures of the Telephone Company. The Telephone Company shall not be responsible if the change renders customer furnished services obsolete or requires modification of the customer furnished services. If such change materially affects the operating characteristics of the facility, the Telephone Company will provide reasonable notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required by the changes made. The Telephone Company will work cooperatively with the customer to determine reasonable notification procedures.

**2.1.8 Refusal and Discontinuance of Service**

- (A) Unless the provisions of Sections 2.2.1(B) or 2.5, following apply, if a customer fails to comply with Section 2.1.6, preceding, or Sections 2.2.2, 2.3.1, 2.3.4, 2.3.5, or 2.4, following, including any payments to be made by it on the dates and times herein specified, the Telephone Company may on thirty (30) days written notice by Certified U.S. Mail to the person designated by that customer to receive such notices of noncompliance, refuse additional applications for service and/or refuse to complete any pending orders for service by the non-complying customer at any time thereafter.

If the Telephone Company does not refuse additional applications for service on the date specified in the thirty (30) days notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to refuse additional applications for service to the non-complying customer without further notice.

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**2. General Regulations (Cont'd)****2.1 Undertaking of the Telephone Company (Cont'd)****2.1.8 Refusal and Discontinuance of Service (Cont'd)**

- (B) When access service is provided by more than one Telephone Company, the companies involved in providing the joint service may individually or collectively deny service to a customer for nonpayment. Where the Telephone Company(s) affected by the nonpayment is incapable of effecting discontinuance of service without cooperation from the other joint providers of Switched Access Service, such other Telephone Company(s) will, if technically feasible, assist in denying the joint service to the customer. Service denial for such joint service will only include calls originating or terminating within, or transiting, the operating territory of the Telephone Companies initiating the service denial for nonpayment. When more than one of the joint providers must deny service to effectuate termination for nonpayment, in cases where a conflict exists in the applicable tariff provisions, the tariff regulations of the end office Telephone Company shall apply for joint service discontinuance.
- (C) If the National Exchange Carrier Association, Inc., notifies the Telephone Company that the Customer has failed to comply with Section 8 of the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. No. 5 (Lifeline Assistance and Universal Service Fund charges) including any Customer's failure to make payments on the date and times specified therein, the Telephone Company, may, on thirty days' written notice to the Customer by Certified U.S. Mail, take any of the following actions: - (1) refuse additional applications for service and/or (2) refuse to complete any pending orders for service, (3) discontinue the provision of service to the Customer. In the case of discontinuance, all applicable charges including termination charges, shall become due.

**2.1.9 Limitation of Use of Metallic Facilities**

Signals applied to a metallic facility shall conform to the limitations set forth in Technical Reference Publication AS No. 1. Where necessary, the customer shall be responsible for the provision of current limiting devices to protect Telephone Company facilities from excessive current due to abnormal conditions and for the provisions of noise mitigation networks when required to reduce excessive noise.

**2. General Regulations** (Cont'd)**2.1 Undertaking of the Telephone Company** (Cont'd)**2.1.10 Notification of Service-Affecting Activities**

The Telephone Company will provide the customer reasonable notification of service-affecting activities that may occur in normal operation of its business. Such activities may include, but are not limited to, equipment additions, removals, and routine preventative maintenance. Generally, such activities are not individual customer service specific, they affect many customer services. No specific advance notification period is applicable to all service activities. The Telephone Company will work cooperatively with the customer to determine the notification requirements.

**2.1.11 Provision and Ownership of Telephone Numbers**

The Telephone Company reserves the reasonable right to assign, designate or change telephone numbers associated with Access Services, or the Telephone Company serving central office prefixes associated with such numbers, when necessary in the conduct of its business. Should it become necessary to make a change, the Telephone Company will furnish to the customer 6 months notice, by certified mail, of the effective date and an explanation of the reason(s) for such change(s).

**2.1.12 Coordination with Respect to Network Contingencies**

The Telephone Company intends to work cooperatively with the customer to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

**2.1.13 Nonchargeable Confirmation Services**

- (A) Billed Number Screening (BNS): At the request of the customer, the Telephone Company business office will confirm BNS codes associated with a line to which a call is to be billed.
- (B) Originating Line Screening (OLS): At the request of the customer, the Telephone Company business office will confirm OLS codes associated with an exchange access line from which a call originates.

2. **General Regulations** (Cont'd)

2.2 **Use**

2.2.1 **Interference or Impairment**

- (A) The facilities and equipment provided by the customer which are used in conjunction with Telephone Company facilities in the provision of Access Service shall not interfere with or impair the provision of service by the Telephone Company.
- (B) If interference as described in (A), above exists, except for equipment subject to the F.C.C. Part 68 rules in 47 C.F.R. Section 68.108, when practicable, the Telephone Company will notify the customer that service will be temporarily disconnected until the problem is corrected. When prior notice is not practical, the Telephone Company may temporarily disconnect services without prior notification to the customer. The customer will be notified of the action as soon as possible and given the opportunity to correct the problem. During the period of discontinuance, the credit allowance for service interruptions as set forth in Section 2.4.3, following, does not apply.

2.2.2 **Unlawful Use**

The service provided under this tariff shall not be used for an unlawful purpose.

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**2. General Regulations** (Cont'd)**2.3 Obligations of the Customer****2.3.1 Damages**

The customer shall reimburse the Telephone Company for damages to the Telephone Company facilities utilized to provide services under this tariff caused by the negligence or willful act of the customer, or resulting from the customer's improper use of the Telephone Company facilities, or due to malfunction of any facilities or equipment provided by other than the Telephone Company. Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions. The Telephone Company will, upon reimbursement for damages, cooperate with the customer in prosecuting a claim against the person causing such damage and the customer shall be subrogated to the right of recovery by the Telephone Company for the damages to the extent of such payment.

**2.3.2 Ownership of Facilities**

Facilities utilized by the Telephone Company to provide service under the provisions of this tariff shall remain the property of the Telephone Company. Such facilities shall be returned to the Telephone Company by the customer, whenever requested, within a reasonable period following the request in as good condition as reasonable wear will permit. Any cost of repair or replacement for unreasonable wear or damage will be billed to the customer who utilized the equipment.

**2.3.3 Equipment Space and Power**

The customer shall furnish or arrange to have furnished to the Telephone Company, at no charge, equipment space and electrical power required by the Telephone Company to provide services under this tariff at the points of termination of such services. The selection of ac or dc power shall be mutually agreed to by the customer and the Telephone Company. The customer shall also make necessary arrangements in order that the Telephone Company will have access to such space at reasonable times for installing, testing, repairing or removing Telephone Company services.

**2. General Regulations** (Cont'd)**2.3 Obligations of the Customer** (Cont'd)**2.3.4 Availability for Testing**

The services provided under this tariff shall be available to the Telephone Company at times mutually agreed upon in order to permit the Telephone Company to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. No credit will be allowed for any interruptions involved during such tests and adjustments.

**2.3.5 Balance**

All signals for transmission over the services provided under this tariff shall be delivered by the customer balanced to ground except for ground start, duplex (DX) and Alarm System type signaling and dc telegraph transmission at speeds of 75 baud or less.

**2.3.6 Design of Customer Services**

Subject to the provisions of Section 2.1.7, preceding, the customer shall be solely responsible, at its own expense, for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations or procedures of the Telephone Company, minimum protection criteria or operating or maintenance characteristics of the facilities.

**2.3.7 Reference to the Telephone Company**

The customer may advise End Users that certain services are provided by the Telephone Company in connection with the service the customer furnishes to End Users; however, the customer shall not represent that the Telephone Company jointly participates in the customer's services.

**2. General Regulations** (Cont'd)**2.3 Obligations of the Customer** (Cont'd)**2.3.8 Claims and Demands for Damages**

The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by third persons arising out of the construction, installation, operation, maintenance, or removal of the customer's circuits, facilities, or equipment connected to the Telephone Company's services provided under this tariff, including, without limitation, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the customer's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the customer to obtain or maintain in effect any necessary certificates, permits, licenses, or other authority to acquire or operate the services provided under this tariff. The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by the customer or third parties arising out of any act or omission of the customer in the course of using services provided under this tariff.

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**2. General Regulations** (Cont'd)**2.3 Obligations of the Customer** (Cont'd)**2.3.9 Jurisdictional Report Requirements****(A) Jurisdictional Reports - Switched Access**

- (1) (a) Pursuant to Federal Communications Commission Order FCC 85-145 adopted April 16, 1985, interstate usage is to be developed as though every call that enters a customer network at a point within the same state as that in which the called station (as designated by the called station telephone number) is situated is an intrastate communication and every call for which the point of entry is in a state other than that where the called station (as designated by the called station telephone number) is situated is an interstate communication.
- (b) Except in cases where the Telephone Company is billing according to actuals by jurisdiction, the projected interstate percentages will be used by the Telephone Company to apportion the usage between interstate and intrastate until a revised report is received as set forth in (6), following.
- (2) When a customer orders Feature Group D Switched Access Service(s), the customer may provide the projected interstate percentage for interstate usage for each end office group in its order. This percentage is subject to audit by the Telephone Company as set forth in Section 2.3.9(A)(7), following.

If the customer does not provide the projected interstate percentage for interstate usage, the Telephone Company will, where the jurisdiction can be determined from the call detail, determine the projected interstate percentage as follows:

2. **General Regulations** (Cont'd)2.3 **Obligations of the Customer** (Cont'd)2.3.9 **Jurisdictional Report Requirements** (Cont'd)(A) **Jurisdictional Reports - Switched Access** (Cont'd)

## (2) (Cont'd)

- i) For originating access minutes, the projected interstate percentage will be developed on a monthly basis by end office when the Feature Group D Switched Access Service access minutes are measured by dividing the measured interstate originating access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the total originating access minutes when the call detail is adequate to determine the appropriate jurisdiction.
- (ii) For terminating access minutes, the data used by the Telephone Company to develop the projected interstate percentage for originating access minutes will be used to develop projected interstate percentage for such terminating access minutes. When originating call details are insufficient to determine the jurisdiction for the call, the customer shall supply the projected interstate percentage or authorize the Telephone Company to use the Telephone Company developed percentage. This percentage shall be used by the Telephone Company as the interstate percentage for such call detail. The Telephone Company will designate the number obtained by subtracting the projected interstate percentage for originating and terminating access minutes calculated by the Telephone Company from 100 (100 - Telephone Company calculated projected interstate percentage = intrastate percentage) as the projected intrastate percentage of use.

**2. General Regulations** (Cont'd)**2.3 Obligations of the Customer** (Cont'd)**2.3.9 Jurisdictional Report Requirements** (Cont'd)**(A) Jurisdictional Reports - Switched Access** (Cont'd)

- (3) Except where Telephone Company measured access minutes are used as set forth in (1) and (4), preceding, the customer reported interstate percentage of use as set forth in (1) or (4), preceding, will be used until the customer reports a different projected interstate percentage for an in service end office group. When the customer adds BHMC or trunks to an existing end office group, the customer shall furnish a Projected Interstate Usage percentage that applies to the added BHMC lines or trunks. When the customer discontinues BHMC, lines or trunks from an existing group, the customer shall furnish a projected interstate percentage for the discontinued BHMC lines or trunks in the end office group. The revised report will serve as the basis for future billing and will be effective on the next bill date. No prorating or back billing will be done based on the report.
- (4) Effective on the first of January, April, July and October of each year the customer shall update the interstate and intrastate jurisdictional report. The customer shall forward to the Telephone Company, to be received no later than 15 days after the first of each such month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each Switched Access Service arranged for interstate use. Except in cases where the Telephone Company is billing according to actuals by jurisdiction, the revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. No prorating or back billing will be done based on the report.

2. **General Regulations** (Cont'd)2.3 **Obligations of the Customer** (Cont'd)2.3.9 **Jurisdictional Report Requirements** (Cont'd)(A) **Jurisdictional Reports - Switched Access** (Cont'd)

## (4) (Cont'd)

If the customer does not supply the reports, the Telephone Company will assume the percentages to be the same as those provided in the last quarterly report. For those cases in which a quarterly report has never been received from the customer, the Telephone Company will assume the percentages to be the same as those provided in the order for service as set forth in (1), preceding.

(5) For Switched Access, if a billing dispute arises concerning the projected interstate percentage, the Telephone Company will ask the customer to provide the data the customer uses to determine the projected interstate percentage. The Telephone Company will not request such data more than once a year. The customer shall supply the data within 30 days of the Telephone Company's request.

(6) PIUs developed as outlined in (1) through (5), preceding, are applied to usage rated Carrier Common Line, Information Surcharge, Local Switching, Tandem Switched Transport and Residual Interconnection charges. Separate PIUs also developed as outlined in Sections (1) through (5), preceding, are required for flat rated Entrance Facilities, Direct Trunked Transport and Multiplexers.

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**2. General Regulations** (Cont'd)**2.3 Obligations of the Customer** (Cont'd)**2.3.9 Jurisdictional Report Requirements** (Cont'd)**(B) Special Access Jurisdictional Certification****(1) Certification Requirements**

When the customer orders Special Access Service, and the customer certifies to the Telephone Company in writing that more than ten percent of the traffic is interstate, the service is considered to be interstate and is provided under this Tariff. Following initial certification, should the jurisdictional nature of the customer's Special Access Service change, the customer should inform the Telephone Company in writing of the change. The effective date of the change will be the date the Telephone Company receives the customer's notice of change. No charge applies for the jurisdictional change.

**(2) Disputes Involving Jurisdictional Certification**

If a dispute arises concerning the certification of projected interstate traffic as described in (1) or (2), preceding, the Telephone Company will ask the customer to provide the data the customer used to determine that more than 10% of the traffic is interstate. The customer shall supply the data within thirty (30) days of the Telephone Company request. If the reply results in a jurisdictional change of a Special Access Service, the effective date of the change will be the date the Telephone Company receives the customer's reply. There is no charge when the customer's reply results in a jurisdictional change in the Special Access Service.



**2. General Regulations** (Cont'd)**2.3 Obligations of the Customer** (Cont'd)**2.3.10 Determination of Interstate Charges for Mixed Interstate and Intrastate**

When mixed interstate and intrastate Access Service is provided, all charges (i.e., nonrecurring, monthly and/or usage), will be prorated between interstate and intrastate. The percentage provided in the reports as set forth in Section 2.3.9, preceding, will serve as the basis for prorating the charges.

The percentage of an Access Service to be charged as interstate is applied in the following manner:

- (A) For monthly and nonrecurring chargeable rate elements, multiply the percent interstate use times the quantity of chargeable elements times the stated tariff rate per element.
- (B) For usage sensitive (i.e., access minutes and calls) chargeable rate elements, multiply the percent interstate use times actual use times the stated tariff rate.

The interstate percentage will change as revised usage reports are submitted as set forth in Section 2.3.9, preceding.

**2.3.11 Discontinuance of Service by Customer**

Interexchange Carriers are prohibited from unilaterally discontinuing the provision of service to the Telephone Company's local exchange service customers or otherwise blocking or impairing access traffic in the Originating Direction or the Terminating Direction.

Pursuant to this general prohibition, Interexchange Carriers may not:

- (A) unilaterally block or otherwise discontinue carriage of originating access traffic (such traffic includes, but is not limited to, interexchange traffic that is originated by the Telephone Company's local exchange service customer); or
- (B) unilaterally block or otherwise discontinue the carriage of terminating access traffic (such traffic includes, but is not limited to, interexchange traffic originated by the Interexchange Carrier's customers and destined for termination by the Telephone Company to the Telephone Company's local exchange service customers).

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**2. General Regulations** (Cont'd)**2.3 Obligations of the Customer** (Cont'd)**2.3.12 Discontinuance of Service by Interexchange Carriers – Procedures**

- (A) Notwithstanding Section 2.3.11(A), above, an Interexchange Carrier may block or otherwise discontinue carriage of originating access traffic if, prior to taking such action:
- (1) the discontinuing Interexchange Carrier shall obtain a signed Letter of Authorization of Discontinuance (LOAD) from each of the Telephone Company's local exchange service customers that are presubscribed to the discontinuing Interexchange Carrier;
  - (2) each of the Telephone Company's local exchange service customers presubscribed to the discontinuing Interexchange Carrier have selected another presubscribed Interexchange Carrier and that newly selected presubscribed Interexchange Carrier has commenced service to that customer; and
  - (3) the discontinuing Interexchange Carrier obtains all necessary legal and regulatory authority to discontinue service, including but not limited to authority for discontinuance of service pursuant to Part 63 of the Federal Communications Commissions Rules (47 C.F.R. § 63.01, *et. seq.*) and Section 214 of the Communications Act of 1934, as amended (47 U.S.C. §214).
- (B) Notwithstanding Section 2.3.11(B), above, an Interexchange Carrier may block or otherwise discontinue the carriage of terminating access traffic if, prior to discontinuance of such service:
- (1) the discontinuing Interexchange Carrier obtains a signed Letter of Authorization of Impairment of Service (LOAI) from each of the Telephone Company's local exchange service customers authorizing that Interexchange Carrier to discontinue delivery of interexchange traffic for termination to that local exchange service customer; and
  - (2) the discontinuing Interexchange Carrier obtains all necessary legal and regulatory authority to discontinue such service, including but not limited to authority pursuant to Part 63 of the Federal Communications Commissions Rules (47 C.F.R. § 63.01, *et. seq.*) and Section 214 of the Communications Act of 1934, as amended (47 U.S.C. §214).

2. **General Regulations** (Cont'd)

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2.3 **Obligations of the Customer** (Cont'd)

2.3.13 **Discontinuance of Service by Interexchange Carriers – Procedures** (Cont'd)

(T)

- (C) The LOAD and the LOAI shall be in a form approved by the Telephone Company prior to use by the Interexchange Carrier. Such approval shall not be unreasonably delayed or denied.

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**2. General Regulations** (Cont'd)**2.4 Payment Arrangements and Credit Allowance****2.4.1 Payment of Rates, Charges and Deposits**

- (A) The Telephone Company will require a deposit from all customers with a proven history of late payments to the Telephone Company and all customers who do not have established credit unless the customer is a successor of a company which has established credit and has no history of late payments to the Telephone Company. The deposit may be required prior to or after establishment of service. The total deposit may not exceed the estimated charges for service for a two month period.

The fact that a deposit has been made does not relieve the customer from the responsibility of complying with the Telephone Company's regulations regarding prompt payment of bills. Annual interest at the rate described in Section 2.4.1(B)(3)(b), following, will be paid on all deposits held from the date the deposit is received up to and including the date the deposit is returned or credited to the customer's account. The deposit will be refunded after the customer has established a record of prompt payment for one year. When service is terminated, any deposit held will be credited on the final bill.

- (B) The Telephone Company will bill all usage charges monthly in arrears. All non usage sensitive access services, including End User Access Service and Presubscription service will be billed monthly in advance. Nonrecurring charges will be billed in the month following the provision of service.
- (1) The bill day for End User Access Service and Presubscription Service will be the same day established for the provision of local service.

2. **General Regulations** (Cont'd)2.4 Payment Arrangements and Credit Allowance (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

## (B) (Cont'd)

- (2) The bill day(s) for all access services other than End User Access Service and Presubscription Service will be established by the Telephone Company for each customer account and shall appear on the carrier access bill. If the Telephone Company advises the customer in writing, an alternate billing schedule may be established. Alternate billing schedules shall not be established on less than 60 days notice or initiated by the Telephone Company more than twice in any consecutive 12-month period.
- (3)(a) Payment for service is due 31 days after the bill day or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval, except as provided herein, and are payable in immediately available funds. If the customer does not receive a bill at least 20 days prior to the 31 day payment due date, then the bill shall be considered delayed. When a bill has been delayed, upon request of the customer, the due date will be extended by the number of days the bill was delayed. Such request by customer must be accompanied by proof of the late bill receipt. If such payment date would cause payment to be due on a Saturday, Sunday or legal holiday (i.e., New Years, Independence Day, Labor Day, Thanksgiving, Christmas, Veteran's Day and the days when Washington's Birthday, Memorial Day, and Columbus Day are legally observed) payment for such bills will be due as follows:

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**2. General Regulations** (Cont'd)**2.4 Payment Arrangements and Credit Allowance** (Cont'd)**2.4.1 Payment of Rates, Charges and Deposits** (Cont'd)**(B)** (Cont'd)**(3)** (Cont'd)**(a)** (Cont'd)

If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday. If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.

**(b)** If any portion of the payment is not received in immediately available funds by the due date as determined in (a), above, a late payment charge calculated at 15% annual interest will apply. Interest will be compounded monthly.

The late payment charge will be calculated from the due date to and including the date that payment is actually received by the Telephone Company. Any penalty due will be included as a separate item on the next statement issued.

**2. General Regulations (Cont'd)****2.4 Payment Arrangements and Credit Allowance (Cont'd)****2.4.1 Payment of Rates, Charges and Deposits (Cont'd)**

(B) (Cont'd)

(3) (Cont'd)

- (c) The customer shall pay both any disputed amount and any undisputed amount by the payment due date regardless of any billing disputes. In the event that a billing dispute concerning charges billed to the customer by the Telephone Company is resolved in favor of the Telephone Company, any disputed payments withheld pending settlement of the dispute shall be subject to the late payment penalty beginning 10 days after the payment date and the customer shall pay the Telephone's Company's attorneys' fees and all other costs incurred as a result of any collection action. If the dispute is resolved in favor of the customer, no late payment penalty will apply to the disputed amount. In this case, if full payment was made by the due date, the Telephone Company will refund the disputed amount in question plus interest. The penalty interest period shall begin 10 days following the due date or on the date the disputed amount was actually paid, whichever is later. Interest will be calculated as described in (b), preceding.

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- (C) For services provided on a monthly basis, the charge for the provision of a fractional month's service will be determined by dividing the number of days that service was provided by 30 and multiplying the result times the monthly rate. This calculation will be made subject to any minimum service periods required for specific services.
- (D) When a rate, as set forth in this tariff, is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).

**2. General Regulations** (Cont'd)**2.4 Payment Arrangements and Credit Allowance** (Cont'd)**2.4.2 Minimum Periods**

- (A) Unless a minimum service period is described for a specific tariff item, the minimum period for which services are provided and for which rates and charges are applicable is one month.

When a service is discontinued prior to the expiration of the minimum period, the total charges at the rate level in effect at the time service is discontinued will apply for the remainder of the minimum period. The Telephone Company will charge the full nonrecurring charge to the end of the minimum period.

When a service with a minimum period greater than one month is discontinued prior to the expiration of the minimum period, the applicable charge will be the lesser of (1) the Telephone Company's total nonrecoverable costs less the net salvage value for the discontinued service or (2) the total monthly charges and nonrecurring charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period.



2. **General Regulations** (Cont'd)2.4 Payment Arrangements and Credit Allowance (Cont'd)2.4.3 Credit Allowance for Service Interruptions(A) General

A service is interrupted when it becomes unusable to the customer because of a failure of facilities used to furnish service under this tariff or in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported to the Telephone Company, and ends when the service is operative. An allowance for interruption will apply only when the interruption is not due to the negligence of the customer. The credit allowance for an interruption or for a series of interruptions shall not exceed the monthly rate for the service interrupted in any one monthly billing period.

(B) When a Credit Allowance Applies

In case of an interruption to any service, allowance for the period of interruption, if not due to the negligence of the customer, shall be as follows:

- (1) For Switched Access Service usage rated elements, no credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited for an interruption of 24 hours or more at the rate of 1/30 of the applicable monthly rates for each period of 24 hours or major fraction (12 hours and one minute) thereof that the interruption continues.

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**2. General Regulations** (Cont'd)**2.4 Payment Arrangements and Credit Allowance** (Cont'd)**2.4.3 Credit Allowance for Service Interruptions** (Cont'd)**(B) When a Credit Allowance Applies** (Cont'd)

- (2) For Special Access Services and for flat rated Switched Access elements, (i.e., Entrance Facility, Direct Trunked Transport, and Multiplexing), no credit shall be allowed for an interruption of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of 30 minutes or major fraction (16 minutes or more) thereof that the interruption continues.
- (a) For two-point service, the monthly charge subject to application of a credit shall be the total of all the monthly rate element charges associated with the service (i.e., a channel termination per customer premises, channel mileage and optional features and functions).
- (b) If a portion of a service such as a portion of a multipoint special access facility can still be utilized during the service interruption, the credit allowance will only apply to the services which are inoperative (i.e., a channel termination per customer premises, channel mileage and optional features and functions).

2. **General Regulations** (Cont'd)2.4 Payment Arrangements and Credit Allowance (Cont'd)2.4.3 Credit Allowance for Service Interruption (Cont'd)(B) When a Credit Allowance Applies (Cont'd)

## (2) (Cont'd)

(c) Multiplexed Services

For multiplexed services, the monthly charge subject to application of a credit shall be the total of all the monthly rate element charges associated with that portion of the service that is inoperative. When the facility which is multiplexed or the multiplexer itself is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., the Channel Termination, Channel Mileage Facility and Termination, Entrance Facility, Direct Trunked Transport and Optional Features and Functions, including the multiplexer on the facility to the hub, and the channel terminations, channel mileages and optional features and functions on the individual services from the hub). When the service which rides a channel of the multiplexed facility is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service from the hub to a customer premises (i.e., Channel Termination, Channel Mileage Facility and Termination, Direct Trunked Transport, and Optional Features and Functions).

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**2. General Regulations** (Cont'd)**2.4 Payment Arrangements and Credit Allowance** (Cont'd)**2.4.3 Credit Allowance for Service Interruption** (Cont'd)**(B) When a Credit Allowance Applies** (Cont'd)**(2) (Cont'd)****(d) Flat Rated Switched Access Service Rate Elements**

For flat rated Switched Access Service rate elements, the monthly charge subject to application of a credit shall be the total of all the monthly rate element charges associated with the service (i.e., Entrance Facility, Direct Trunked Transport and Multiplexing).

**(C) When a Credit Allowance Does Not Apply**

No credit allowance will be made for:

- (1)** Interruptions caused by the negligence of the customer.
- (2)** Interruptions of a service due to the failure of equipment or systems provided by the customer or others.
- (3)** Interruptions of a service during any period in which the Telephone Company is not afforded access to the premises where the service is terminated.
- (4)** Interruptions of a service when the customer has released that service to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of a change order during the time that was negotiated with the customer prior to the release of the service. Thereafter, a credit allowance as set forth in (B), preceding, applies.

2. **General Regulations** (Cont'd)2.4 **Payment Arrangements and Credit Allowance** (Cont'd)2.4.3 **Credit Allowance for Service Interruption** (Cont'd)(C) **When a Credit Allowance Does Not Apply** (Cont'd)

- (5) Periods when the customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.

2.4.4 **Re-establishment of Service Following Fire, Flood, or Other Occurrence**(A) **Nonrecurring Charges Do Not Apply**

Charges do not apply for the re-establishment of service for the same customer following an interruption resulting from a fire, flood or other occurrence attributed to an Act of God provided that:

- (1) The service is of the same type as was provided prior to the interruption.
- (2) The service is at the same location on the same premises.
- (3) The re-establishment of service begins within 60 days after Telephone Company service is available.

(B) **Nonrecurring Charges Apply**

Nonrecurring Charges apply for establishing service at a different location on the same premises or at a different premises pending re-establishment of service at the original location.

2.4.5 **Access Services Provided by More Than One Telephone Company**

When more than one Telephone Company is involved in the provisions of Access Services, the Telephone Companies involved will mutually agree upon the billing method described in (B), following, to bill for the transport or mileage portion of the service. The Telephone Company will use the option listed after agreeing to implement that method with the interconnecting companies.

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**2. General Regulations** (Cont'd)**2.4 Payment Arrangements and Credit Allowance** (Cont'd)**2.4.5 Access Services Provided by More Than One Telephone Company** (Cont'd)

The Telephone Company will notify the customer of the billing method to be used. The customer will place the order for service as set forth in Section 5.9, following. The Telephone Company receiving the order or copy of the order from the customer will be responsible for billing the customer according to the FCC approved method.

**(A) Single Bill Option**

This Option is not available.

**(B) Multiple Bill Options****(1) Multiple Company/Multiple Tariff Billing**

Under this arrangement, each Telephone Company providing service will bill the customer according to its tariff. Additionally, these access bills must use the same access minutes of use and include cross references to the other Telephone Company's bills, and common circuit identification.

**(a) For Non-Distance Sensitive Rate Elements:**

Local Transport rate elements with the exception of the Direct Trunked Facility elements are nondistance sensitive. The Local Transport rates described in Section 12.2.2(F), following, for these elements will apply to the total number of access minutes, terminations, or arrangements as appropriate. The rates charged for the portion of Local Transport provided by a connecting exchange Telephone Company will be based on the connecting exchange Telephone Company's access tariff and may be distance sensitive for all rate options.

2. **General Regulations** (Cont'd)2.4 Payment Arrangements and Credit Allowance (Cont'd)2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)(B) Multiple Bill Options (Cont'd)(1) Multiple Company/Multiple Tariff Billing (Cont'd)(b) For Distance Sensitive Rate Elements:

The Direct Trunked Facility rate in Local Transport and the Channel Mileage Facility rate in Special Access provided by the Telephone Company are distance sensitive. The Direct Trunked Facility rate listed in Section 12.2.2(F)(2)(a), following, and the Channel Mileage Facility Rate in Section 12.2.3, following, will apply to the total number of miles determined using the following method.

- (i) Determine the appropriate mileage by computing the number of airline miles between the Telephone Company serving wire centers using the V&H method set forth in Section 7.4.3, following.

2. **General Regulations** (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Multiple Bill Options (Cont'd)

(1) Multiple Bill/Multiple Tariff Billing (Cont'd)

(b) For Distance Sensitive Rate Elements: (Cont'd)

- (ii) Determine the billing percentage (BP), as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, which represents the portion of the service provided by each Telephone Company.
- (iii) Multiply the number of airline miles, as set forth in (i), preceding, times the BP for each Telephone Company, as set forth in (ii), preceding, times the Direct Trunked Facility or the Channel Mileage Facility rate as appropriate.



2. **General Regulations** (Cont'd)2.4 Payment Arrangements and Credit Allowance (Cont'd)2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)(B) Multiple Bill Options (Cont'd)(1) Multiple Bill/Multiple Tariff Billing (Cont'd)(b) For Distance Sensitive Rate Elements: (Cont'd)

- (iv) When three or more Telephone Companies are involved in providing an Access Service, the intermediate Telephone Company(s) will determine the appropriate charges as set forth in (iii), preceding.

(C) Determination of Rates and Charges

Determine the billing percentage (BP), as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, which represents the portion of the service provided by each Telephone Company. The following applies to all Feature Groups.

When three or more Telephone Companies are involved in providing an Access Service, the intermediate Telephone Company(s) will determine the appropriate charges as set forth below. Additionally, when a segment of the Direct Trunked Facility or Channel Mileage Facility is measured to the intermediate office(s), the Direct Trunked Termination or Channel Mileage Termination rates are also applied at the intermediate Telephone Company(s) office(s).

2. **General Regulations** (Cont'd)2.4 Payment Arrangements and Credit Allowance (Cont'd)2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)(C) Determination of Rates and Charges (Cont'd)(1) Non-Distance Sensitive Rate Elements(a) Entrance Facility Charge and/or Multiplexing Charges

When the Entrance Facility and/or Multiplexing equipment is located within the operating territory of an issuing carrier of this tariff, the Entrance Facility and/or Multiplexing charge will apply.

(b) Residual Interconnection Charge

When the end office (which may be a Remote Switching Module) is located within the operating territory of an issuing carrier of this tariff, the Residual Interconnection Charge will apply.

(c) Tandem Switched Transport

The Tandem Transport rate will apply for all originating and terminating access minutes routed over the facility.

When a tandem office is located within the operating territory of an issuing carrier of this tariff, the Tandem Switching rate will apply to all originating and terminating access minutes that are switched at the tandem.

2. **General Regulations** (Cont'd)2.4 Payment Arrangements and Credit Allowance (Cont'd)2.4.5 Access Services Provided by More Than One Telephone Company  
(Cont'd)(C) Determination of Rates and Charges (Cont'd)(1) Non-Distance Sensitive Rate Elements (Cont'd)(c) Tandem Switched Transport (Cont'd)

The Tandem Switched Transport rate is applied as set forth in Section 6.2(A)(1)(c), following. The Switched Access Nonrecurring Charges are applied as set forth in Section 6.7.1(A), following.

(d) Direct Trunked Termination

The Direct Trunked Termination Rate is applied at each termination located in an office within the operating area of an issuing carrier in this tariff. If a segment of Direct Transport Facility is measured to the intermediate office(s), the Direct Trunked Termination is applied at the intermediate office(s).

(2) Distance Sensitive Rate Elements(a) Direct Trunked Facility

The Direct Trunked Facility rate is applied as set forth in Section 2.4.5(B)(1)(b), preceding.

For Special Access, the Channel Mileage Facility rate is applied as set forth in Section 2.4.5(B)(1)(b), preceding.

2. **General Regulations** (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company (Cont'd)

(C) Determination of Rates and Charges (Cont'd)

(2) Distance Sensitive Rate Elements (Cont'd)

(b) Special Access

The Special Access Channel Mileage Termination rate and nonrecurring charges are applied as set forth in Sections 7.1.1(B)(2) and 7.1.1(A), following, at each location in an office within the operating area of an issuing carrier in this tariff. (Note: The BP is not applied to either the Channel Mileage Termination Recurring Rate or any Nonrecurring Charge.)

2. **General Regulations** (Cont'd)

2.5 **Connections**

2.5.1 **General**

Customer Premise Equipment and Systems may be connected with Switched and Special Access Service furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference Publication AS No. 1 and in Section 2.1, preceding.

2.6 **Definitions**

**Access Order**

An order to provide the customer with Switched Access Service or Special Access Service or changes to existing services.

**Access Minute**

The unit of usage of exchange facilities in interstate or foreign service for the purpose of calculating chargeable usage. On the originating end of an interstate or foreign call, usage is measured from the time the originating end user's call is delivered by the Telephone Company to, and acknowledged as received by, the customer's facilities connected with the originating exchange. On the terminating end of an interstate or foreign call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an interstate or foreign call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating end exchanges, as applicable.

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**2. General Regulations** (Cont'd)**2.6 Definitions** (Cont'd)Access Tandem

A Telephone Company or centralized equal access provider switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and a customer's premises.

Aggregator

The term "Aggregator" denotes any entity that, in the ordinary course of its operations, makes telephones available to the public or to transient users of its premises, for interstate telephone calls using a provider of operator services.

Answer/Disconnect Supervision

The transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the customer's point of termination as an indication that the called party has answered or disconnected.

Balance (100 Type) Test Line

An arrangement in an end office which provides for balance and noise testing.

Business Day

The times of day that a company is open for business. Business Day hours for the Telephone Company may be determined by contacting the business office.

Busy Hour Minutes of Capacity (BHMC)

The customer specified maximum amount of Switched Access Service access minutes the customer expects to be handled in an end office switch during any hour in an 8:00 A.M. to 11:00 P.M. period for the Switched Access Service ordered. This customer furnished BHMC quantity is the input data the Telephone Company uses to determine the number of transmission paths for the Switched Access Service ordered.

2. **General Regulations** (Cont'd)2.6 **Definitions** (Cont'd)**Call**

A customer attempt for which the complete address code (e.g., 0-, 911, or 10 digits) is provided to the serving dial tone office.

**Carrier or Common Carrier**

See Interexchange Carrier.

**CCS**

A standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of servers (e.g., trunks). Also known as "100 call seconds".

**Central Office**

A local Telephone Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks.

**Channels**

A communications path between two or more points of termination.

**Coin Station**

A location where Telephone Company equipment is provided in a public or semipublic place where Telephone Company customers can originate telephonic communications and pay the applicable charges by inserting coins into the equipment.

**Common Channel Signaling (CCS)**

The term "Common Channel Signaling" (CCS) denotes a high speed packet switched communications network which is separate (out of band) from the public packet switched and message networks. Its purpose is to carry addressed signaling messages for individual trunk circuits and/or database related services between Signaling Points in the CCS network.

**2. General Regulations** (Cont'd)**2.6 Definitions** (Cont'd)**Common Channel Signaling Access Capability (CCSAC)**

The term "Common Channel Signaling Access Capability" denotes the connection between the customer's point of presence and the Signal Transfer Point (STP) designated by the Telephone Company for the transport of signaling information.

**Common Line**

A line, trunk, pay telephone line or other facility provided under the general and/or local exchange service tariffs of the Telephone Company, terminated on a central office switch. A common line-residence is a line or trunk provided under the residence regulations of the local exchange service tariffs. A common line-business is a line provided under the business regulations of the general and/or local exchange service tariffs.

**Communications System**

Channels and other facilities which are capable of communications between terminal equipment provided by other than the Telephone Company.

**Conventional Signaling**

The inter-machine signaling system which has been traditionally used in North America for the purpose of transmitting the called number's address digits from the originating end office to the switching machine that will terminate the call. In this system, all of the dialed digits are received by the originating switching machine, a path is selected, and the sequence of supervisory signals and outpulsed digits is initialized. No overlap outpulsing, ten-digit ANI, ANI information digits, or acknowledgement wink are included in this signaling sequence.

**Customer Premises**

The premises of the customer to which Access Service is provided.

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**2. General Regulations** (Cont'd)**2.6 Definitions** (Cont'd)Customers

Any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which uses the services offered under this tariff, including both Interexchange Carriers (ICs) and End Users.

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Data Transmission (107 Type) Test Line

An arrangement which provides for a connection to a signal source which provides test signals for one-way testing of data and voice transmission parameters.

Detail Billing

The listing of each message and/or rate element for which charges to a customer are due on a bill prepared by the Telephone Company.

Direct-Trunked Transport

The term "Direct-Trunked Transport" denotes transport from the serving wire center to the end office or from the serving wire center to the access tandem on circuits dedicated to the use of a single customer.

Effective 2-Wire

A condition which permits the simultaneous transmission in both directions over a channel, which does not insure independent information transmission in both directions. Effective 2-wire channels may be terminated with 2-wire or 4-wire interfaces.

Effective 4-Wire

A condition which permits the simultaneous independent transmission of information in both directions over a channel. The method of implementing effective 4-wire transmission is at the discretion of the Telephone Company (physical, time domain, frequency-domain separation or echo cancellation techniques).

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**2. General Regulations (Cont'd)****2.6 Definitions (Cont'd)****End Office Switch**

A local Telephone Company switching system where Telephone Exchange Service customer common lines are terminated for purposes of interconnection to trunks. Included are Remote Switching Modules and Remote Switching Systems served by a host office in a different wire center.

**End User**

Any user of a service, directly or indirectly, regardless of whether there has been billing or payment for the service. "End User" also includes, but is not limited to, conference calling companies, conference calling systems, fax service companies, fax service systems, voice mail companies, voice mail systems, voice service gateway companies, voice gateway systems, call bridging companies, call bridging services, information service companies, information service systems, Internet service providers, and Internet service systems, regardless of whether those companies and systems are owned by third parties or the Telephone Company.

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**Entrance Facility**

The term "Entrance Facility" denotes a Switched Access Service dedicated Local Transport facility between the customer's serving wire center and the customer's designated premises.

**Entry Switch**

See First Point of Switching.

**Exchange**

A unit generally smaller than a local access and transport area, established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. The exchange includes any Extended Area Service Area that is an enlargement of a Telephone Company's exchange area to include nearby exchanges.

**2. General Regulations** (Cont'd)**2.6 Definitions** (Cont'd)**Exit Message**

The term "Exit Message" denotes an SS7 message sent to an end office by the Telephone Company's tandem switch to mark the Carrier Connect Time when the Telephone Company's tandem switch sends an Initial Address Message to an interexchange customer.

**First Point of Switching**

The first Telephone Company or centralized equal access provider location at which switching occurs on the terminating path of a call proceeding from the customer premises to the terminating end office and, at the same time, the last Telephone Company or centralized equal access provider location at which switching occurs on the originating path of a call proceeding from the originating end office to the IC or customer premises.

**Host Office**

An electronic switching system which provides call processing capabilities for one or more Remote Switching Modules or Remote Switching Systems.

**Immediately Available Funds**

A corporate or personal check drawn on a bank account for which funds are available for use by the receiving party on the same day on which they are received and include U.S. Federal Reserve bank wire transfers, U.S. Federal Reserve notes (paper cash), U.S. coins, U.S. Postal Money Orders and New York Certificates of Deposit.

**Individual Case Basis**

A condition in which the regulations, if applicable, rates and charges for an offering under the provisions of this tariff are developed based on the circumstances in each case.

**2. General Regulations** (Cont'd)**2.6 Definitions** (Cont'd)**Initial Address Message**

The term "Initial Address Message" denotes an SS7 message sent in the forward direction to initiate trunk set up, reserve an outgoing trunk and process the information about that trunk along with other data relating to the routing and handling of the call to the next switch.

**Interconnection Point**

The V and H coordinate as determined in the NATIONAL EXCHANGE CARRIERS ASSOCIATION, INC. TARIFF F.C.C. No. 4 of a point where facilities of the Telephone Company meets facilities of a connecting exchange telephone company.

**Interexchange Carrier (IC) or Interexchange Common Carrier**

Any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in interstate or foreign communication by wire or radio, between two or more exchanges.

**Interstate Call**

A term which denotes both interstate and foreign communications.

**Intrastate Call**

Any communications within a state subject to oversight by the state regulatory commission.

**Local Access and Transport Area**

A geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes.

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**2. General Regulations** (Cont'd)**2.6 Definitions** (Cont'd)**Loop Around Test Line**

An arrangement utilizing a Telephone Company central office to provide a means to make certain two-way transmission tests on a manual basis. This arrangement has two central office terminations, each reached by means of separate telephone numbers and does not require any specific customer premises equipment. Equipment subject to this test arrangement is at the discretion of the customer.

**Message**

See "Call".

**Milliwatt (102 Type) Test Line**

An arrangement in an end office which provides a 1,004 Hz tone at 0 dBm0 for one-way transmission measurements towards the customer's premises from the Telephone Company end office.

**Net Salvage**

The estimated scrap, sale, or trade-in value, less the estimated cost of removal. Cost of removal includes the costs of demolishing, or otherwise disposing of the material and any other applicable costs. Since the cost of removal may exceed salvage value, net salvage may be negative.

**Network Control Signaling**

The transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denomination, coin collect and coin return tones) to control the operation of the telecommunications system.

**Nonsynchronous Test Line**

An arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but can be made more rapidly.

2. **General Regulations** (Cont'd)

2.6 **Definitions** (Cont'd)

**North American Numbering Plan**

A three-digit area (Numbering Plan Area) code and a seven-digit telephone number made up of a three-digit Central Office code plus a four-digit station number.

**Off-Hook**

The active condition of Switched Access or a Telephone Exchange Service line.

**On-Hook**

The idle condition of Switched Access or a Telephone Exchange Service line.

**Open Circuit Test Line**

An arrangement in an end office which provides an ac open circuit termination of a trunk or line by means of an inductor of several Henries.

**Originating Direction**

The use of access service for the origination of calls from an End User Premises to an IC Premises. (C)

**Overlap Outpulsing**

The feature of the exchange access signaling system which permits initiation of pulsing to the customer's premises before the calling subscriber has completed dialing an originating call.

**Pay Telephone**

Telephone Company provided instruments and related facilities that are available to the general public for public convenience and necessity, including public and semi-public telephones, and coinless telephones.

2. **General Regulations** (Cont'd)

2.6 **Definitions** (Cont'd)

**Point of Termination**

The point of demarcation within a customer-designated premises at which the Telephone Company's responsibility for the provision of Access Service ends.

**Premises**

A building or buildings on continuous property (except Railroad Right-of-Way, etc.) not separated by a public highway.

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(C)

**Primary Exchange Carrier**

Denotes the Local Exchange Telephone Company in whose exchange a customer's first point of switching.

**Prime Service Vendor**

The term "Prime Service Vendor" denotes the status of the telephone company when contracting directly with the user of TSP service.

**Release Message**

The term "Release Message" denotes an SS7 Message sent in either direction to indicate that a specific circuit is being released.

**Remote Switching Modules and/or Remote Switching Systems**

Small, remotely controlled electronic end office switches which obtain their call processing capability from a Host Office. The Remote Switching Modules and/or Remote Switching Systems cannot accommodate direct trunks to an IC.

**Registered Equipment**

The customer's premises equipment which complies with and has been approved within the Registration Provisions of Part 68 of the F.C.C.'s Rules and Regulations.

**2. General Regulations** (Cont'd)**2.6 Definitions** (Cont'd)**Secondary Exchange Carrier**

Denotes the Local Exchange Telephone Company in whose exchange a FGA customer's end users' end office is located and where the customer's first point of switching is provided by a Primary Exchange Carrier who is not the same Exchange Carrier as the Secondary Exchange Carrier.

**Service Access Code**

The term "Service Access Code" denotes a 3 digit code in the NPA format which is used as the first three digits of a 10 digit address and which is assigned for special network uses. Whereas NPA codes are normally used for identifying specific geographical areas, certain Service Access Codes have been allocated in the North American Numbering Plan to identify generic services or to provide access capability. Examples of Service Access Codes include the Toll Free Number and 900 codes.

**Service Switching Point (SSP)**

A Service Switching Point denotes an end office or tandem which, in addition to having SS7 and SP capabilities, is also equipped to query centralized data bases.

**Serving Wire Center**

The wire center from which the customer premises would normally obtain dial tone from the Telephone Company.

**Shortage of Facilities or Equipment**

A condition which occurs when the Telephone Company does not have appropriate cable, switching capacity, bridging or, multiplexing equipment, etc., necessary to provide the Access Service requested by the customer.

**Short Circuit Test Line**

An arrangement in an end office which provides for an ac short circuit termination of a trunk or line by means of a capacitor of at least four microfarads.



**2. General Regulations** (Cont'd)**2.6 Definitions** (Cont'd)**Signaling Point (SP)**

The term "Signaling Point" (SP) denotes an SS7 network interface element capable of originating and terminating SS7 trunk signaling messages.

**Signaling Point Of Interface (SPOI)**

The term "Signaling Point of Interface" (SPOI) denotes the interface point between the Telephone Company and its Access customers for purposes of exchanging SS7 Signaling messages for CCS services.

**Signaling System Seven (SS7)**

The term "Signaling System Seven" (SS7) denotes the layered protocol used for standardized Common Channel Signaling in the United States.

**Signaling Transfer Point (STP)**

The term "Signaling Transfer Point" (STP) denotes a packet switch providing CCS Network Access that performs CCS message routing and screening.

**Subcontractor**

The term "Subcontractor" denotes the status of the Telephone Company when contracting directly with a Prime Service Vendor to provide TSP to a service user.

**Subtending End Office of an Access Tandem**

An end office that has final trunk group routing through that tandem.

**Synchronous Test Line**

An arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

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**2. General Regulations (Cont'd)****2.6 Definitions (Cont'd)****Tandem Switched Transport**

The term "Tandem Switched Transport" denotes transport from the serving wire center to the end office, or from the tandem to the end office, that is switched at a tandem. It also denotes transport from a host office to a remote switching office.

**Terminating Direction**

(C)

The use of Access Service for the completion of calls from an IC premises to an End User Premises.

(C)

**Termination Liability**

The amount which will be billed if services using specially constructed facilities are terminated prior to the expiration of the Termination Liability Period.

**Toll Free Number Database**

The term "Toll Free Number (TFN) Database" refers to the use of database technology to determine to which access customer an originating TFN call is to be delivered. An originating TFN call is a call made with the prefix 1+800, 1+888, 1+866, 1+855, 1+844, 1+833 or 1+822. These calls may also be referred to as 8XX calls. The TFN Database routes calls to an access customer based on the dialed ten digit TFN number. Initially, the Toll Free Number Database will provide routing information for calls utilizing 800 and 888 toll free numbers. The Toll Free Number Database will be expanded, as required, at a later date to include routing for 877, 855, 844, 833 and 822 toll free numbers. Until that time, toll free number calls, other than those originated as 1+800 or 1+888, will not be completed.

**Transmission Measuring (105 Type) Test Line**

An arrangement in an end office which provides far-end access to a recorder and permits two-way loss and noise measurements to be made on trunks from a near end office.

**2. General Regulations** (Cont'd)**2.6 Definitions** (Cont'd)**Transmission Path**

An electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3,000 Hz. A transmission path is comprised of physical or derived facilities consisting of any form or configuration of plant typically used in the telecommunications industry.

**Trunk**

A communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

**Trunk Group**

A set of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

**Trunk Side Connection**

The connection of a transmission path to the trunk side of a local exchange switching system. This type of connection is used when providing FGD Switched Access Service.

**Two-Wire to Four-Wire Conversion**

An arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity (e.g., a central office switch).

**Uniform Service Order Code**

A three or five character alphabetic, numeric, or an alphanumeric code that identifies a specific item of service or equipment. Uniform Service Order Codes are used in the Telephone Company billing system to generate recurring rates and nonrecurring charges.

2. **General Regulations** (Cont'd)

2.6 **Definitions** (Cont'd)

**V and H Coordinates Method**

A method of computing airline miles between two points by utilizing an established formula which is based on the vertical and horizontal coordinates of the two points.

**WATS Serving Office**

The term "WATS Serving Office" denotes a Telephone Company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS or WATS-type services.

**Wire Center**

A building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

3. **Carrier Common Line Access Service**

[Reserved for future use]

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**4. End User Access Service****4.1 General Description**

The Telephone Company will provide End User Access Service to End Users who obtain local exchange service from the Telephone Company under its local exchange tariffs.

End User Access provides for the use of an End User Common Line (EUCL) service by an end user. An Access Recovery Charge (ARC) will be charged for the use of an EUCL. (C)

**4.2 Limitations**

- (A) A telephone number is not provided with End User Access.
- (B) Detail billing is not provided with End User Access.
- (C) Directory listings are not included with End User Access.
- (D) Intercept arrangements are not included with End User Access.
- (E) Lifeline Assistance plans may reduce or eliminate End User Access Charges to certain qualifying end users. Jurisdictions where such locally approved assistance plans are in effect are set forth in Section 4.5(E), following. Federal Lifeline Assistance plans are available only in areas where the Telephone Company has been designated an Eligible Telecommunications Carrier as defined under Part 54 of the FCC's rules.

**4.3 Undertaking of the Telephone Company**

- (A) The Telephone Company will provide the use of an EUCL for access to interstate access services to the End User.
- (B) The Telephone Company will be responsible for contacts and arrangements with end users for the billing of End User Access charges.
- (C) The Telephone Company will assess the ARC when the EUCL is provided to the End User for access to interstate access service. The ARC is charged each month to the End User. (C)  
(C)

4. **End User Access Service** (Cont'd)

4.4 **Payment Arrangements and Credit Allowance**

(A) **Minimum Period**

The minimum period for which EUCL End User Access is provided and for which EUCL (C) and ARC charges are applicable is the same as the service with which it is associated. (C)

- (1) Those EUCL's associated with a local exchange telephone service will have the same minimum period as described in the exchange tariff for the associated service.

(B) **Cancellation of Application**

End User Access is cancelled when the order for the associated service is cancelled. No cancellation charges apply.

(C) **Changes to Orders**

When changes are made to orders for the local exchange service associated with End User Access, any necessary changes will also be made for End User Access. No charges will apply.

(D) **Allowance for Interruptions**

When End User Access Service is interrupted, the credit allowance for interruptions as set forth in Section 2.4.3, preceding, applies.

(E) **Temporary Suspension of Service**

When an End User temporarily suspends its local exchange service which is associated with EUCL, one-half of the EUCL and ARC per month charge will be temporarily (C) suspended for the time period the local exchange service is suspended.

4. **End User Access Service** (Cont'd)4.5 **Rate Regulations**

- (A) End User Access charges will be billed to the End User of the associated local telephone exchange service.
- (B) The EUCL Business - Multi-line and ARC Business – Multi-line rates apply on a per line basis only to multi-line business subscribers, and will be billed and collected for interstate and intrastate traffic pursuant to the rates, terms, and conditions set forth in this tariff. Multi-line business subscribers include those end users who are provided more than one local exchange business service including semipublic service by the Telephone Company. The EUCL-Multi-line Business and ARC Business – Multi-line rates will be assessed when a Payphone Service Provider obtains an exchange service line for the purposes of offering pay telephone service. Rates for EUCL Business - Multi-line and ARC Business – Multi-line are set forth in Sections 12.2.1(D) and 12.2.1(H), following.
- (C) The EUCL and ARC charges for individual line or trunk shown in Sections 12.2.1(A)-(C), and Section 12.2.1(E)-(G), following, apply to each residence, single line business or single line semipublic service provided to end users receiving service pursuant to the local exchange tariff.
- (D) Business Centrex CO service lines or trunks are subject to the rate described in Section 12.2.1(D) and Sections 12.2.1(H), following, for Centrex CO.
- (E) When an end user is provided a local residence exchange service and the residential local exchange rate is reduced for end users eligible for a telephone lifeline assistance plan approved by the FCC as provided for in paragraph 69.104(k) of Part 69 of the FCC Rules and Regulations, the End User Common Line (EUCL) Residence and End User Common Line-Business, Single Line rate in Sections 12.2.1(A) and 12.2.1(B) and (C) and the ARC Residence and ARC Common-Line Business, Single Line rate in Sections 12.2.1(E)-(G), following, shall be reduced. Federal lifeline assistance is available only in areas where the Telephone Company has been designated an Eligible Telecommunications Carrier as defined under Part 54 of the FCC's rules. The End User Common Line and ARC charge shall be reduced for a single telephone line to the household's principal residence to the extent of the state assistance, or waived in full if the state assistance equals or exceeds the End User Common Line Charge and the ARC.
- (F) When an end user is provided a local residence exchange service and the residential local exchange rate for the end user is reduced for end users meeting a state established means test that is subject to verification, the applicable End User Common Line (EUCL) Residence and Single Line Business Subscriber - Individual line or trunk rate in Section 12, following, shall be reduced by 50 percent, if the local exchange rate reduction is an equivalent amount as provided for in Paragraph 69.203(f) of Part 69 of the F.C.C. Rules and Regulations.



**5. Ordering Options for Switched and Special Access Service****5.1 General**

This section sets forth the order related regulations and charges for Switched and Special Access Services. These regulations and charges are in addition to other applicable regulations and charges as set forth in other sections of this tariff.

**5.1.1 Ordering Conditions**

A customer may order any number of services of the same type and between the same premises on a single Access Order. The use of any service described in this tariff constitutes an order for service and the customer's agreement to the rates, terms and conditions set forth in this tariff.

The customer must provide an access order to the Telephone Company. The customer shall provide all information necessary for the Telephone Company to provide and bill for the requested service. In addition to the order information required in Section 5.2, following, the customer must also provide:

- Customer name and premises address(es).
- Billing name and address (when different from customer name and address).
- Customer contact name(s) and telephone number(s) for the following provisioning activities:
  1. order negotiation
  2. order confirmation
  3. interactive design
  4. installation
  5. billing

**5.1.2 Provision of Other Services**

Other services as described in Sections 9.1 and 9.2, following, may be ordered in conjunction with the order for Access Service. All rates and charges set forth in Section 12.2.4, following, will apply in addition to the rates and charges for the Access Service with which they are associated.

International blocking service is provided to end users as described in Section 9.3.5, following. The nonrecurring charge set forth in Section 12.2.4(F), following, is applicable as described in Section 9.3.5, following.

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**5. Ordering Options for Switched and Special Access Service (Cont'd)****5.2 Access Order**

An Access Order is used by the Telephone Company to provide a customer Access Service as follows:

- Switched Access Service as set forth in Section 6., following.
- Special Access Service as set forth in Section 7., following.
- Other Services as set forth in Section 9., following.

When ordering Switched Access service, the customer must specify whether the service is to be provided as (1) Direct Trunked Transport to the end office, (2) Direct Trunked Transport to a tandem which connects with Tandem Switched Transport from the tandem to the end office, or (3) Tandem Switched Transport to the end office. When all or a portion of service is ordered as Direct Trunked Transport, the customer must specify the type and quantity of Direct Trunked Transport facility (e.g., Voice Grade or High Capacity DS1).

The customer must also specify the type of Entrance Facility (e.g. Voice Grade or High Capacity) to be used for Switched Access. High Capacity Facilities are available only in certain end offices where technologically feasible. For High Capacity Entrance Facility, the customer must specify the facility assignment and the channel assignment for each trunk.

When ordering Switched Access Service to be combined with High Capacity Special Access Service, the customer must specify the facility assignment and the channel assignment.

Direct Trunked Transport is available at all tandems and at all end offices except those identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4. as not having the capability to provide Direct Trunked Transport. Direct Trunked Transport is not available: (1) from end offices that provide equal access through a Centralized Equal Access arrangement, (2) from end offices that lack recording or measurement capability, and (3) from Non-Service Switching Point (SSP) equipped end offices that can not accommodate direct trunking of originating Toll Free Number calls.

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

5. **Ordering Options for Switched and Special Access Service** (Cont'd)5.2 **Access Order** (Cont'd)

When the customer has both Tandem Switched Transport and Direct Trunked Transport at the same end office, the customer will be provided Alternate Traffic Routing as set forth in Section 6.3.6(A)(1)(n), following.

(A) **Feature Group A Switched Access Service**

Feature Group A Switched Access Service is not offered.

(B) **Feature Group B Switched Access Service**

Feature Group B Switched Access Service is not offered.

(C) **Feature Group D Switched Access Service**

- (1) The Telephone Company end office where service is requested or the access tandem switch for non MTS/WATS providers.
- (2) The number and type of busy hour minutes of capacity (BHMC) requested by Feature Group from the customer premises to the end office.
- (3) The customer premises where service is requested.
- (4) When Feature Group D Switched Access Service is ordered with the Interim NXX Translation optional feature, the initial order for the Interim NXX Translation optional feature shall specify the NXX code(s) to be translated within the entire LATA or Market Area. The initial and subsequent orders to add, change, or delete Service Access Codes shall be placed separately or in combination with orders to change Feature Group D Switched Access BHMC. Customer assigned NXX codes which have not been ordered will be blocked.

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**5. Ordering Options for Switched and Special Access Service (Cont'd)****5.2 Access Order (Cont'd)****(C) Feature Group D Switched Access Service (Cont'd)**

- (5) Customers order FGD by specifying the number of trunks desired between customer premises and an entry switch. When ordering by trunk quantities rather than BHMC quantities to an access tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project future facility requirements.
- (6) For Toll Free Number Data Base Access Service, as described in Section 6.3.6(A)(4)(a), following, the customer must order FGD to those access tandems or end offices designated as Service Switching Points (SSP) for Toll Free Number Data Base Access Service in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C No. 4, WIRE CENTER INFORMATION. Direct trunk routes can only be provided from end offices equipped to query centralized data bases. All traffic originating from end offices not equipped to provide SS7 signaling and routing require routing via an access tandem where SSP functionality is available.
- (7) A projected Percentage of Interstate Use (PIU) as set forth in Section 2.3.9, preceding.

**(D) For Feature Group D with SS7 Signaling, in addition to the information listed in (C), preceding, the customer shall specify: \***

- (1) A reference to existing signaling connections or reference to a related signaling connection order.
- (2) SS7 Signaling Local Switching options, if any.
- (3) The number of BHMC or trunks required for or to be converted to an SS7 Signaling capability.
- (4) Optional features as specified in Section 6.

**5. Ordering Options for Switched and Special Access Service (Cont'd)****5.2 Access Order (Cont'd)****(E) Special Access Services**

- (1) The type of service requested (Metallic, Voice Grade, etc.)
- (2) The customer premises or hubs involved.
- (3) The channel interface, technical specification package and options desired.
- (4) When requesting Special Access Service, the customer must certify that the traffic consists of more than ten percent interstate traffic.
- (5) Where the Special Access Service is exempt from the Special Access Surcharge as set forth in Section 7.4.4(B), following, the customer shall furnish with the order the certification as set forth in Section 7.4.4(C), following.
- (6) Special Access or Direct Trunked Transport Service may be ordered for connection with FGD Switched Access Service at Telephone Company may be ordered separately by a customer other than the customer which orders the FGD Switched Access Service. For the Special Access Service the customer shall specify the customer premises at which the Special Access Service terminates, the type of line (i.e., two-wire or four-wire), the type of calling (i.e., originating, terminating, or two way) and the type of Supervisory Signaling.

**5.3 Traffic Engineering Responsibilities****(A) Determination of Busy Hour Minutes of Capacity (BHMC)**

It is the responsibility of the customer to determine the BHMC when ordering FGD, or CCSAC Switched Access Service.

The BHMC may be determined by the customer in the following manner. For each day (8 am to 11 pm, Monday through Friday, excluding national holidays), the customer shall determine the highest number of minutes of use for a single hour (e.g., 55 minutes in the 10-11 AM hour).

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**5. Ordering Options for Switched and Special Access Service (Cont'd)****5.3 Calculation of Busy Hour Minutes of Capacity (BHMC) (Cont'd)****(A) Determination of Busy Hour Minutes of Capacity (BHMC) (Cont'd)**

The customer shall, for the same hour period (i.e., busy hour) for each of twenty consecutive business days, pick the twenty consecutive business days in a calendar year which add up to the largest number of minutes of use. Both originating and terminating minutes shall be included. The customer shall then determine the average busy hour minutes of capacity (i.e., BHMC) by dividing the largest number of minutes of use figure for the same hour period for the consecutive twenty business day period by 20. This computation shall be performed for each end office the customer wishes to serve.

The total BHMC by type for each end office will be converted to transmission paths using standard Telephone Company traffic engineering methods.

**(B) Determination of SS7 Signaling Connections**

For Feature Group D with SS7 Signaling, the customer shall work cooperatively with the Telephone Company or its agent for CCSAC interconnection to determine the number of signaling connections required to handle its signaling traffic.

**5.4 Access Order Service Intervals**

To the extent the Access Service can be made available with reasonable effort, the Telephone Company will provide Access Service in accordance with the customer's requested interval. The Telephone Company is not responsible for any delays caused by any other connecting exchange telephone company in the provision of service to the customer's point of termination.

If, in order to meet the customer's requested service date, work must be performed outside scheduled work hours, Additional Labor charges as described in Section 9., following, will apply.

**5. Ordering Options for Switched and Special Access Service (Cont'd)****5.4 Access Order Service Intervals (Cont'd)**

When the Telephone Company has identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, Wire Center Information that it has not received a bona fide request for Direct Trunked Transport and a customer subsequently orders Direct Trunked Transport, the Telephone Company will work cooperatively with the customer to provide Direct Trunked Transport within 90 days of receipt of an order.

**5.5 Access Order Modifications**

The customer may request a modification of its Access Order prior to the service date. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer that additional labor and/or engineering charges will apply. If the customer still desires the Access Order modification and agrees to any additional charges which may apply, the Telephone Company will schedule a new service date. Additional labor or engineering charges as described in Section 9., following, will apply.

**(A) Service Date Change**

Access Order service dates may be changed, but the new service date may not exceed the original service date by more than 30 calendar days. If the customer requested service date is more than 30 calendar days after the original service date, the order will be cancelled by the Telephone Company and reissued. The appropriate cancellation charges as set forth in Section 5.6(B), following, will apply. If the Telephone Company determines it can accommodate the customer's request with the normal work force during normal business hours and without delaying service dates for orders of other customers, a new service date may be established that is prior to the original service date. No charges will apply.

\* SS7 Signaling is available only where technically feasible.

**5. Ordering Options for Switched and Special Access Service** (Cont'd)**5.5 Access Order Service Modifications** (Cont'd)**(A) Service Date Change** (Cont'd)

If the requested service date is changed to an earlier date, and the Telephone Company determines additional labor or extraordinary costs are necessary to meet the request, the customer will be notified by the Telephone Company that Additional Labor Charges, as described in Section 9., following, may apply.

**(B) Change in Lines or Capacity**

Any increase in the number of Special Access Service channels or Switched Access Service lines, trunks or busy hour minutes of capacity will be treated as a new Access Order (for the increased amount only).

Any decrease in the number of ordered Special Access Service channels or Switched Access Service lines, trunks or busy hour minutes of capacity will be treated as a partial cancellation and the charges as set forth in Section 5.6(B), following, will apply.

**5.6 Cancellation of an Access Order**

- (A) A customer may cancel an Access Order for the installation of service on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days. If the customer is unable to accept Access Service within 30 days after the service date, at the customer's option, service will be cancelled and charges set forth in (B), following, will apply, or billing for the access service will commence on the 31st day after the service date.



**5. Ordering Options for Switched and Special Access Service (Cont'd)****5.6 Cancellation of an Access Order (Cont'd)**

(B) When a customer cancels an Access Order, a Cancellation Charge will apply as follows:

(1) Installation of Switched or Special Access Service facilities is considered to have started when the Telephone Company incurs any cost in connection with the installation. Where installation of access facilities has been started prior to the cancellation, the charges specified in (a) or (b), following, whichever is less, shall apply.

(a) A charge equal to the nonrecoverable cost of equipment and material ordered, provided or used, plus the nonrecoverable cost of installation and removal including the costs of engineering, labor, supervision, transportation, right-of-way and other associated costs less actual net salvage received after disposal of facilities.

(b) The charge for the minimum period of Switched or Special Access Service ordered by the customer.

(2) Where the customer cancels an Access Order prior to the start of installation of access facilities, no charges shall apply.

(C) If the Telephone Company misses a service date by more than 30 days due to circumstances over which it has direct control (excluding, e.g., Acts of God, governmental requirements, work stoppages and civil commotion), the customer may cancel the Access Order without incurring cancellation charges.

**5.7 Selection of Facilities for Access Orders**

The Telephone Company will make a reasonable effort to accommodate a customer request for a specific transmission path. The Telephone Company will make the final determination as to transmission paths utilized in the provision of service.

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**5. Ordering Options for Switched and Special Access Service (Cont'd)****5.8 Minimum Period**

The minimum period for which Access Service is provided and for which charges are applicable is one month.

When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period.

The Minimum Period Charge for monthly billed services will be determined as follows:

- (A) For Switched Access Service the minimum period charge is set forth in Section 6.7.3, following.

Switched Access usage rated services (i.e., End Office, Common Line, Tandem Switched Transport, and Residual Interconnection Charge) have no minimum period. The minimum period for which all other Access Service is provided and for which charges are applicable, is one month.

- (B) For flat rated Switched Access Service and Special Access Service, the charge for a month or fraction thereof is the applicable monthly rate for the service as set forth in Section 12.2.2 for Special Access Service and 12.2.3 for Special Access Service, following, plus any optional features or nonrecurring charges that may apply.

The minimum period for Program Audio Special Access Services is one day even though the service will be provided only for the duration of the event specified on the order (e.g., one-half hour, two hours, five hours, etc.). The minimum period for Switched Access High Capacity DS1 Entrance Facilities and Direct Trunked Transport is one month.

**5. Ordering Options for Switched and Special Access Service (Cont'd)****5.9 Access Orders For Services Provided By More Than One Telephone Company**

Access Service provided by more than one Telephone Company are Services where one end of the Local Transport or Channel Mileage element is in the operating territory of one Telephone Company and the other end of the element is in the operating territory of a different Telephone Company or where the Interim NXX Translation Optional Feature or Toll Free Number Data Base Access Service and the end office are not provided by the same Telephone Company.

The ordering procedure for this service is dependent upon the billing arrangement, as set forth in Section 2.4.5, preceding, to be used by the Telephone Companies involved in providing the Access Service. The Telephone Company will notify the customer which of the ordering procedures will apply.

**(A) Single Company Billing**

The Telephone Company does not offer single company billing.

**(B) Multiple Company (Interconnection Point) Billing**

Each Telephone Company will provide its portion of the Access Service within its operating territory to an interconnection point(s) (IP) with the other Telephone Company(s). The interconnection point(s) and Billing Percentages will be determined by the Telephone Companies involved in providing the Access Service and listed in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4. Each Telephone Company will bill the customer for its portion of the service as set forth Section 2.4.5, preceding. All other appropriate charges in each Telephone Company tariff are applicable.

For the service(s) ordered as set forth following, the customer must also supply a copy of the order to the Telephone Company in whose operating territory a customer premises is located and any other Telephone Company(s) involved in providing the service. Additionally, when service is provided through a Centralized Equal Access provider, the customer must supply a copy of the order to that provider.

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**5. Ordering Options for Switched and Special Access Service (Cont'd)****5.9 Access Orders For Services Provided By More Than One Telephone Company (Cont'd)****(B) Multiple Company (Interconnection Point) Billing (Cont'd)**

- (1) For Feature Group D Switched Access Service, the customer must place an order with the Telephone Company in whose territory the end office is located.
- (2) Except for Special Access Service provided as set forth in (4) or (5), following, the customer may place the order for a Special Access Service with either Exchange Telephone Company.
- (3) For Special Access Service involving a hub(s), the customer must place the order with the Telephone Company in whose territory the hub(s) is located.
- (4) For initiation, additions, changes or deletions to Interim NXX Translated Service Access Code(s), the customer must place an order with the Telephone Company who provides the Customer Identification Function for Service Access Codes. The customer must also provide a copy of the order to the Telephone Companies subtending the office providing Customer Identification.

- (C) For the service(s) ordered as set forth preceding, the customer must also supply a copy of the order to the Telephone Company in whose operating territory a customer premises is located and any other Telephone Company(s) involved in providing the service.

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**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 communication path between a customer's premises and an end user's premises. It provides for the use of common terminating, switching and trunking facilities and common subscriber plant of the Telephone Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer's premises, and to terminate calls from a customer's premises to an end user's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in Section 6.2, following.

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Rates and charges for Switched Access Service depend generally on the specific Feature Group ordered by the customer, e.g., for MTS services or MTS equivalent services, Interim NXX Translation Optional Feature or Toll Free Number Data Base Access Service. Rates and Charges for Switched Access Service are set forth in Section 12.2.2, following. The application of rates for Switched Access Service is described in Section 6.7.1, following.

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

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The technical specifications for the Entrance Facility and Direct Trunked Transport are the same as those set forth in Section 7.2.2 and 7.2.5, following, for Voice Grade and High Capacity services. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are determined by the Telephone Company pursuant to industry standards.

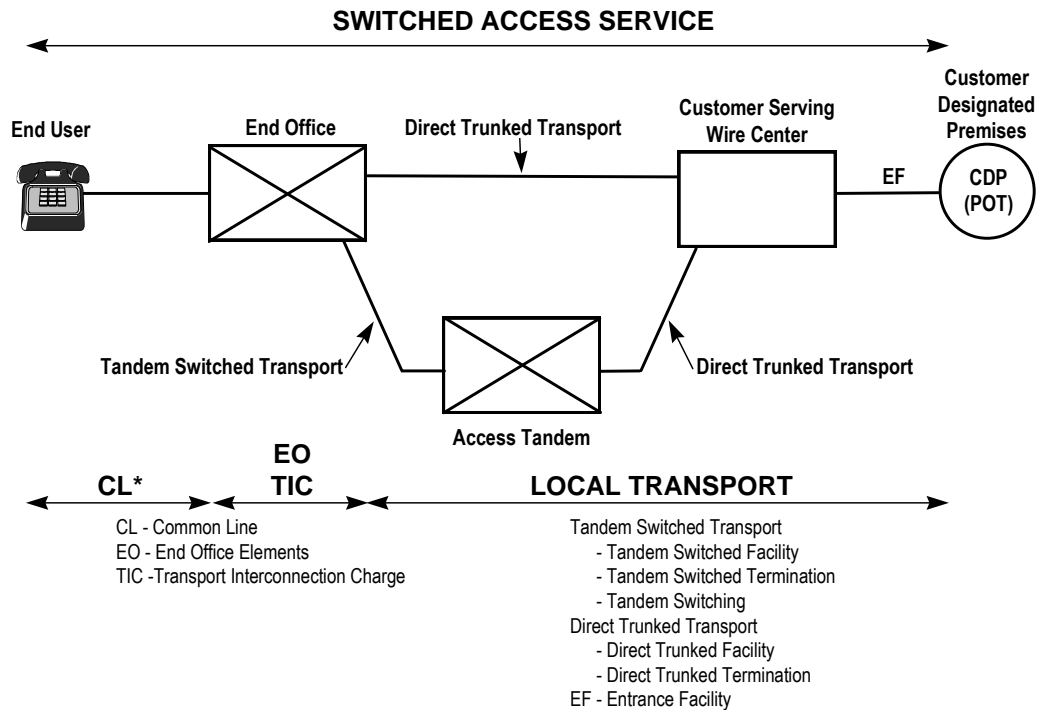
**6.2 Rate Categories**

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

- Local Transport
- End Office Local Switching
- Toll Free Number Data Base Access Service
- Common Line (described in Section 3 preceding)

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

The Feature Groups offered by the Telephone Company are described in Section 6.3, following. Premium rates apply for all Feature Group D Switched Access connections on an access minute basis. Originating FGD access is available to all customers when used to provide the Interim NXX Customer Identification optional feature. Access minutes are determined as described in Section 6.7.4, following. Premium rate classifications are described in Section 6.7.1(B), following. The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.



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

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

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

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

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

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

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

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

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



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

When the customer has both Tandem Switched Transport and Direct Trunked Transport at the same end office, the customer will be provided Alternate Traffic routing, where available, as set forth in Section 6.3.6(A)(1)(n), following.

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

Local Transport is provided at the rates and charges set forth in Section 12.2.2(F), following. The application of these rates with respect to individual Feature Groups is as set forth in Section, 6.3, following. When more than one Telephone Company is involved in providing the Switched Access Service, the Local Transport rates are applied as set forth in Section 2.4.5, preceding.

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

6. **Switched Access Service** (Cont'd)6.2 **Rate Categories** (Cont'd)(A) **Local Transport** (Cont'd)(1) **Entrance Facility**

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

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

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

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

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**6. Switched Access Service (Cont'd)****6.2 Rate Categories (Cont'd)****(A) Local Transport (Cont'd)****(2) Tandem Interconnection Charge**

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

**(3) Tandem Switched Transport**

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

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

The Tandem Switching rate recovers a portion of the costs of switching traffic through an access tandem. The Tandem Switching rate specified in Section 12.2.2(F)(10), following, is applied on a per access minute per tandem basis for all originating and all terminating minutes of use switched at the tandem. Tandem locations are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, WIRE CENTER INFORMATION.

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6. **Switched Access Service** (Cont'd)6.2 **Rate Categories** (Cont'd)(A) **Local Transport** (Cont'd)(3) **Tandem Switched Transport** (Cont'd)

The Tandem Transport rate recovers a portion of the costs of the circuit equipment that is necessary for the termination of each end of the Tandem Switched Transport. The Tandem Transport rate also recovers a portion of the costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits. The Tandem Transport rate specified in Section 12.2.2(F), following, is applied on a per access minute basis (for all originating and terminating minutes of use routed over the facility) for each measured segment of the Tandem Switched Transport (remote office to host office, end office to serving wire center or end office to tandem). This rate applies from host office to remote office, even when Direct Trunking is ordered from the Serving Wire Center to the host office.

The Tandem Switched Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission circuit equipment, between the end points of interoffice circuits. The Tandem Switched Facility rate specified in 12.2.2(F) following is applied on a per access minute per mile basis for all originating and terminating minutes of use routed over the facility.

6. **Switched Access Service** (Cont'd)6.2 **Rate Categories** (Cont'd)(A) **Local Transport** (Cont'd)(4) **Multiplexing**

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

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

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6. **Switched Access Service** (Cont'd)6.2 **Rate Categories** (Cont'd)(A) **Local Transport** (Cont'd)(5) **Direct Trunked Transport**

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

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

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

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

6. **Switched Access Service** (Cont'd)6.2 **Rate Categories** (Cont'd)(A) **Local Transport** (Cont'd)(5) **Direct Trunked Transport** (Cont'd)

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

Direct Trunked Transport rates, as described in Section 12.2.2(F)(2), following, consist of a Direct Trunked Facility rate which is applied on a per mile basis and a Direct Trunked Termination rate which is applied at each end of each measured segment of the Direct Trunked Facility (e.g., at the end office, hub, and serving wire center). When the Direct Trunked Facility mileage is zero, neither the Direct Trunked Facility rate nor the Direct Trunked Termination rate will apply.

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

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

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

The End Office rate category provides the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching and Line Termination rate elements.

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(C)(1) **Local Switching**

The Local Switching rate element provides the local end office switching functions associated with Feature Group D and the transport termination for the trunk side arrangements which terminate the Local Transport facilities. The highest rate band in NECA Tariff F.C.C. No. 5 applies to all Feature Groups providing Switched Access Service, including providers of MTS. Rates for Local Switching are set forth in Section 12.2.2(G)(1), following.

(2) **Information Surcharge**

Information Surcharge rates are assessed to a customer based on the total number of access minutes. Information Surcharge rates are as set forth in Section 12.2.2(G)(2), following.



6. **Switched Access Service** (Cont'd)6.2 **Rate Categories** (Cont'd)(D) **Rate Regulations**

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

(1) **Description and Application of Rate**

There are two types of rates and charges that apply to Switched Access Service; recurring (usage and flat rates) and nonrecurring charges.

(a) **Recurring Rates**

1. Usage Rates for Switched Access Service are rates that apply on a per access minute or a per call basis. Access minute charges and per call charges are accumulated over a monthly period.
2. Flat Rates for Switched Access Service are rates that apply on a per month per rate element basis.

(b) **Nonrecurring Charges**

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, Interim NXX Translation optional feature, service rearrangements and Flexible Automatic Number Identification optional feature. These charges, with the exception of the Interim NXX Translation optional feature, are in addition to the Access Order Charge as specified in 12.2.4(L) following.

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

6.3 Provision and Description of Switched Access Service Feature Groups

Switched Access Service is provided in one Feature Group arrangement:

- Feature Group D

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.1 **Feature Group D (FGD)**(A) **Description**

- (1) FGD is provided at Telephone Company designated office switches whether routed directly or via Telephone Company designated electronic access tandem switches. The Telephone Company will designate the first point(s) of switching for FGD services where the Telephone Company elects to provide equal access through a Centralized Equal Access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4.
- (2) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling. When FGD with SS7 signaling is ordered, no inband signaling is provided.
- (3) FGD switching is provided with multifrequency address signaling or out of band SS7 signaling. With multifrequency address signaling and SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

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**6. Switched Access Service (Cont'd)****6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)****6.3.1 Feature Group D (FGD) (Cont'd)****(A) Description (Cont'd)**

- (4) FGD switching, when used in the originating direction, is provided with multifrequency address signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency, dial pulse address signals, or common channel signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

- (5) FGD switching, when used in the terminating direction, may be used to access valid NXX's in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX Codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed.

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Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes, or 1010XXX access codes

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.1 **Feature Group D (FGD)** (Cont'd)(A) **Description** (Cont'd)

## (5) (Cont'd)

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

As an ordering option to the customer, terminating FGD, when routed through an access tandem, may also access valid NXX codes served by subtending end offices in which originating FGD is not available. Rating of this optional service is as set forth in Section 6.7.1(B)(3), following.

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.1 **Feature Group D (FGD)** (Cont'd)(A) **Description** (Cont'd)

- (7) The access code for FGD switching is a uniform access code of the form 1010XXX. A single access code will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in Section 9.3.3, following.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP).

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.1 **Feature Group D (FGD)** (Cont'd)(A) **Description** (Cont'd)

## (7) (Cont'd)

When the 1010XXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer's premises.

Unless otherwise ordered by the F.C.C., when equal access is provided through a Centralized Equal Access arrangement, the 1010XXX access code may not be available in certain equal access offices. Those offices which provide FGD Switched Access Service without the 1010XXX access code are identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4.

(8) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing 1010XXX uniform access code. Each telephone exchange service line may be marked with a code to identify which 1010XXX code its calls will be directed to for interLATA service.

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.1 **Feature Group D (FGD)** (Cont'd)(A) **Description** (Cont'd)

- (10) Unless prohibited by technical limitations, the customer's Interim NXX Translation and/or Toll Free Number Data Base traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-Interim NXX Translation and/or Toll Free Number Data Base traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for Interim NXX Translation and/or Toll Free Number Data Base traffic.

(B) **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.



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

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

6.3.1 **Feature Group D (FGD)** (Cont'd)(C) **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. Additional testing services are available as set forth in Section 9., following, for FGD.

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

(1) **Acceptance Testing**

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: Loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling.

(2) **Routine Testing**

At no additional charge, the Telephone Company will, at the customer's request, test after installation on an automatic or manual basis, 1,004 Hz loss, C-message noise and balance (return loss). In the case of automatic testing, the customer shall provide remote office test lines and 105 test lines with associated responders or their functional equivalent.

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.1 **Feature Group D (FGD)** (Cont'd)(D) **Design and Traffic Routing**

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

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

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.2 **Manner of Provision**

Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). FGD Access is furnished on a BHMC basis and on a per trunk basis as set forth in Section 5.2(C), preceding.

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

For Tandem Switched Transport, the Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group D busy hour minutes of capacity ordered. The number of transmission paths will be developed using the total busy hour minutes of capacity by type (as described in Section 5.3(A), preceding) for the end office for each Feature Group ordered from a customer's designated premises. The total busy hour minutes of capacity by type (e.g., originating, terminating, IDDD, Operator) for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of the end office switches only, or (3) the use of the tandem switches only.

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.2 **Manner of Provisions** (Cont'd)

There are two major BHMC categories identified as Originating and Terminating. Originating BHMCs represent access capacity for carrying traffic from the end user to the customer. Terminating BHMCs represent access capacity for carrying traffic from the customer to the end user. When ordering capacity for FGD Access, the customer must at a minimum specify access capacity in terms of Originating BHMCs and/or Terminating BHMCs. Because some customers will wish to further segregate their originating traffic into separate trunk groups, or because segregation may be required by network considerations, Originating BHMCs are further categorized into Domestic, Toll Free Number, individual Interim NXX Translated Service Access Codes, Operator and IDDD. Domestic BHMCs represent access capacity for carrying only domestic traffic other than Toll Free Number, individual Interim NXX Translated Service Access Codes and Operator traffic; IDDD BHMCs represent access capacity for carrying only international traffic; and, Toll Free Number, individual Interim NXX Translated Service Access Codes and Operator BHMCs represent access capacity for carrying, respectively, only Toll Free Number, individual Interim NXX Translated Service Access Codes or Operator traffic. When ordering such types of access capacity, the customer must specify Domestic, Toll Free Number, individual Interim NXX Translated Service Access Codes, Operator or IDDD BHMCs.

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features**(A) **Optional Features**(1) **Common Switching Nonchargeable Optional Features**(a) **Automatic Number Identification (ANI)**

- (1) This option provides the automatic transmission of a seven or ten digit number and information digits to the customer 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 all individual transmission.
  - (a) paths in a trunk group routed directly between an end office and a customer 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 premises.

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(a) **Automatic Number Identification (ANI)** (Cont'd)

- (2) The ten digit ANI telephone number is only available with Feature Group D. When a customer orders SS7 Signaling, ANI will be automatically provided where technically feasible. In instances where ANI is unavailable, the customer will automatically receive the Calling Party Number as specified in Section 6.3.6(A)(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 those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below). Seven digit ANI is not available with SS7 signaling.

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(2) **Automatic Number Identification (ANI)** (Cont'd)

## (3) The information digits identify:

- (a) that the telephone number is the station billing number - no special treatment required,
- (b) that 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,
- (c) a hotel/motel originated call which requires room number identification,
- (d) a coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer, and that a call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party. These ANI information digits generally are available with Feature Group D.

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features**  
(Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(a) **Automatic Number Identification (ANI)** (Cont'd)

(4) Additional ANI information digits are available with Feature Group D only. They include:

- (a) InterLATA restricted - telephone number is identified line
- (b) InterLATA restricted - hotel/motel line
- (c) InterLATA restricted - coinless, hospital, inmate, etc., line

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

(5) **Restrictions on Use and Sale of ANI**

- a) Interstate access customers of this tariff may use ANI in the following manner:
  - i) For billing & collection information, for routing, screening, and completing the originating subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction.

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



6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(a) **Automatic Number Identification (ANI)** (Cont'd)(5) **Restrictions on Use and Sale of ANI** (Cont'd)

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

- (i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber and obtaining the affirmative consent of such subscriber for such reuse or sale.
- (ii) Disclosing (except as permitted in (a), preceding), any information derived from the ANI for any purpose other than (1) performing the services or transactions that are the subject of the originating subscriber's call, (2) ensuring network performance security and the effectiveness of call delivery, (3) compiling, using, and disclosing aggregate information, and (4) complying with applicable law or legal process.

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

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

(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(b) **Up to 7 Digit Outpulsing of Access Digits to Customer**

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

(c) **Service Class Routing**

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(d) **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 premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to the same or a second customer premises.

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

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(e) **Trunk Access Limitation**

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

(f) **Call Gapping Arrangement**

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(f) **Call Gapping Arrangement** (Cont'd)

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(g) **International Carrier Option**

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

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

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(i) **End Office End User Line Service Screening for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services**

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(j) **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 or WATS-type services (e.g. Toll Free Number Service Special access services) in the terminating direction, when the hunting number of the Special Access Service group is forwarded from the customer to the Telephone Company. This feature is provided in all Telephone Company designated WATS Serving Offices. It is available with Feature Group D.

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

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



6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(l) **Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services**

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(s) **Multifrequency Address Signaling**

Multifrequency Address Signaling is available as an optional feature with 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.

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(m) **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. This feature is available only in offices where technically feasible as indicated in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4. The signaling information is transmitted to the Telephone Company designated STP which may be provided by a separate entity. The customer must arrange CCSAC facilities with the entity providing the STP in order to receive SS7 signaling from the Telephone Company. This feature is available with FGD and will be provided in accordance with the SS7 Interconnect specifications described in Technical Reference TR-TSV-000905.

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(n) **Calling Party Number (CPN)**

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

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

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

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

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

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

(o) **Calling Party Number (CPN)** (Cont')

(1) **Restrictions on Use and Sale of CPN**

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

- (i) For billing and collection information, for routing, screening, and completing the originating subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction.

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(o) **Calling Party Number (CPN)** (Cont')(1) **Restrictions on Use and Sale of CPN** (Cont')

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

- (i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber and obtaining the affirmative consent of such subscriber for such reuse or sale.
- (ii) Disclosing (except as permitted in (a), preceding) any information derived from the CPN for any purpose other than 1) performing the services or transactions that are the subject of the originating subscriber's call, 2) ensuring network performance security and the effectiveness of call delivery, 3) compiling, using, and disclosing aggregate information, and 4) complying with applicable law or legal process.

(p) **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 1010XXX. This feature is provided with originating FGD with SS7 signaling. \*CSP is available only at selected Telephone Company switches.

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(q) **Charge Number Parameter (CNP)**

(1) The CNP is equivalent to the existing ten digit Automatic Number Identification (ANI) available with 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 FGD with SS7 signaling.

(2) **Restrictions on Use and Sale of CNP**

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

i) For billing and collection information, for routing, screening, and completing the originating subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction.

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(1) **Common Switching Nonchargeable Optional Features** (Cont'd)(q) **Charge Number Parameter (CNP)** (Cont')2) **Restrictions on Use and Sale of CNP** (Cont'd)

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

- (i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber and obtaining the affirmative consent of such subscriber for such reuse or sale.
- ii) Disclosing, except as permitted in a), preceding, any information derived from the CNP for any purpose other than 1) performing the services or transactions that are the subject of the originating subscriber's call, 2) ensuring network performance security and the effectiveness of call delivery, 3) compiling, using, and disclosing aggregate information, and 4) complying with applicable law or legal process.



6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(2) **Transport Termination Nonchargeable Optional Features**(a) **Coin**

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

(b) **Operator Trunk-Coin, Non-Coin, or Combined Coin and Non-Coin**

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, other screening arrangements agreed to between the customer and the Telephone Company.

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(2) **Transport Termination Nonchargeable Optional Features** (Cont'd)(b) **Operator Trunk-Coin, Non-Coin, or Combined Coin and Non-Coin** (Cont'd)**Combined Coin and Non-Coin**

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

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

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**6. Switched Access Service (Cont'd)****6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)****6.3.3 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)****(A) Optional Features (Cont'd)****(2) Transport Termination Nonchargeable Optional Features (Cont'd)****(c) Operator Trunk-Full Feature**

This option provides the initial coin return control function to the customer's operator. It is available with Feature Group D and is provided as trunk type for Transport Termination. Because it requires inband signaling, this feature is not available with the SS7 Signaling option.

**(3) Chargeable Optional Features****(a) Interim NXX Translation**

Interim NXX Translation optional feature is an originating offering utilizing trunk side Switched Access Service. The service provides a customer identification function based on the dialed Interim NXX Translated Service Access Code (e.g., 900) and the NXX following the SAC.

The Telephone Company provides for the forwarding of end user dialed 0+ and 1+ SAC-NXX-XXXX calls to the customer, based on the SAC-NXX dialed. Calls to the 900 SAC, however, will be forwarded only when the end user dials 1+900+NXX-XXXX. Calls made to 0+900+NXX-XXXX will be blocked.

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

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

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

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

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

(a) **Interim NXX Translation** (Cont'd)

When an Interim NXX Translated Service Access Code 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 rerouted. If the call originated from an end office switch not equipped to provide the customer identification function, the call will be routed to an office at which the function is available. Once customer identification has been established, the call will be routed to the customer. Calls originating from an end office switch at which the customer identification function is performed, but to which the customer has not ordered Interim NXX Translation, will be blocked.

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(3) **Chargeable Optional Features** (Cont'd)(a) **Interim NXX Translation** (Cont'd)

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 equipped with equal access capabilities, it will be provided in conjunction with FGD Switched Access Service.

Technical limitations may require Interim NXX Translated traffic to be routed on separate trunk groups. Further separation may be required for individual Interim NXX Translated Service Access Codes.

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**6. Switched Access Service (Cont'd)****6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)****6.3.3 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)****(A) Optional Features (Cont'd)****(3) Chargeable Optional Features (Cont'd)****(b) Toll Free Number Data Base Access Service**

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

A Basic or Vertical Features Query charge, as set forth in Section 12.2.2(H)(2), following, is assessed for each query launched to the data base which identifies the customer to whom the call will be delivered.

The Basic Query provides the identification of the customer to whom the call will be delivered and includes area of service routing which allows routing of Toll Free Number calls by telephone companies to different interexchange carriers based on the Local Access Transport Area (LATA) in which the call originates.

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

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

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

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

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

(b) **Toll Free Number Data Base Access Service** (Cont'd)

The Vertical Feature Query provides the same customer identification as the basic query plus vertical features which may include: (1) call validation, (ensuring that calls originate from subscribed service areas); (2) POTS translation of Toll Free Number numbers; (3) alternate POTS translation (which allows subscribers to vary the routing of Toll Free Number calls based on factors such as time of day, place or origination of the call, etc.); and (4) multiple carrier routing (which allows subscribers to route to different carriers based on factors similar to those in (3) of this paragraph).

The manner in which Toll Free Number Data Base Access Service is provided is dependent on the availability of SS7 service at the end office from which the service is provided as outlined following:

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

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

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

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

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

(b) **Toll Free Number Data Base Access Service** (Cont'd)

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

When Toll Free Number Data Base Access Service originates at an end office not equipped with SSP customer identification capability, the Toll Free Number call will be delivered to the access tandem on which the end office is homed and which is equipped with the SSP feature to query centralized data bases.

Query charges as set forth in Section 12.2.2(H), following, are in addition to those charges applicable for the Feature Group D switched access service.



6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(3) **Chargeable Optional Features** (Cont'd)(c) **Flexible Automatic Number Identification (Flex ANI)**

Flex ANI is a Common Switching Optional Feature that enhances the existing Automatic Number Identification (ANI) (described in 6.3.4(A)(1)(a) preceding) optional feature by allowing Feature Group D (FGD) customers to receive additional information digits. Flex ANI provides additional values for these information digits over and above the values currently available with ANI and is used to identify additional call types, e.g., calls originating from LEC payphones, competitive payphones, an private virtual networks. Flex ANI can be used to provide Originating Line Screening (OLS) service. OLS service is described in 6.3.4(A)(3)(d).

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

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

6. **Switched Access Service** (Cont'd)6.3 **Provisions and Description of Switched Access Service Feature Groups** (Cont'd)6.3.3 **Common Switching Transport Termination and Interim NXX Translation Optional Features** (Cont'd)(A) **Optional Features** (Cont'd)(3) **Chargeable Optional Features** (Cont'd)(c) **Flexible Automatic Number Identification (Flex ANI)**  
(Cont'd)

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

A nonrecurring charge, as set forth in 12.2.4, is associated with this optional feature. This nonrecurring charge is assessed by the Telephone company on a per end office, per Carrier Identification Code (CIC) basis.

(d) **Originating Line Screening (OLS) Service**

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

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

6. **Switched Access Service** (Cont'd)6.4 **Transmission Specifications**

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Feature Group, the Interface Group and whether the service is directly routed or routed via an access tandem. The available transmission specifications are available from the telephone company upon request. Data Transmission Parameters are also provided with each Switched Access Service transmission path. If necessary, the Telephone Company may conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

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

The transmission specifications concerning Switched Access Service are available from the Company upon request. Acceptance limits are set forth in Technical Reference TR-NWT-000334. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

6. **Switched Access Service** (Cont'd)6.4 **Transmission Specifications** (Cont'd)6.4.1 **Mileage Measurement**

The mileage to be used to determine the monthly rate for Local Transport is calculated on airline distances between the end office switch, which may be a Host Office (where the call carried by Local Transport originates or terminates) and the customer's serving wire center. In Host/Remote configurations, the mileage to be used to determine the monthly rate for Local Transport will be measured separately as the airline distance between the Host Office and the customer's serving wire center, and the Host Office and the Remote Office. When Direct Trunked Transport is ordered between the serving wire center and the end office, mileage is normally measured in one segment from the serving wire center to the end office. When Direct Trunked Transport is ordered between a serving wire center and a tandem and Tandem Switched Transport is ordered between the tandem and the end office, mileage is calculated separately for each segment. For SS7 signaling, the mileage to be used to determine the monthly rate for the Signaling Mileage Facility is calculated on the airline distance between the serving wire center associated with the customer's premises (Signaling Point Interface) and the Telephone Company wire center providing the STP Port.

Where applicable, the V&H coordinates method is used to determine mileage. This method is set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 Wire Center Information (V&H coordinates).

Mileage rates are as set forth in 12.2.2 following. To determine the rate to be billed, first compute the airline mileage using the V&H coordinates method. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates. Then multiply the mileage by the appropriate rate.

**6. Switched Access Service (Cont'd)****6.5 Obligation of the Telephone Company**

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

**6.5.1 Network Management**

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in Section 2.4.3, preceding.

**6.5.2 Design and Traffic Routing of Switched Access Service**

For Feature Group D, the Telephone Company shall design and determine the routing of Switched Access Service. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. The Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment.

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

6.5 **Obligation of the Telephone Company** (Cont'd)

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

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.

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.

6.5.3 **Provision of Service Performance Data**

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines may be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. The charges for provision of this data will be determined on an individual case basis.

6.5.4 **Trunk Group Measurement Reports**

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

6. **Switched Access Service** (Cont'd)6.5 **Obligation of the Telephone Company** (Cont'd)6.5.5 **Determination of Number of Transmission Paths**

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

For Tandem Switched Transport, the Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group D busy hour minutes of capacity ordered. The number of transmission paths will be developed using the total busy hour minutes of capacity by type (as described in Section 6.3.5, preceding) by end office for each Feature Group ordered from a customer's designated premises. The total busy hour minutes of capacity by type for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods.

6.5.6 **Design Blocking Measurement**

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

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

6.5 **Obligation of the Telephone Company** (Cont'd)

6.5.6 **Design Blocking Measurement** (Cont'd)

- (A) For Feature Group D, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's 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 will be used by the Telephone Company to determine the number of transmission paths requested to achieve this level of blocking.
- (B) The Telephone Company will perform routine measurement functions to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed applicable thresholds utilized by the Telephone Company.



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

6.5 **Obligations of the Telephone Company** (Cont'd)

6.5.7 **Design Layout Report**

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

6.6 **Obligations of the Customer**

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

6.6.1 **Supervisory Signaling**

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

6.6.2 **Trunk Group Measurement Reports**

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

**6. Switched Access Service (Cont'd)****6.7 Rate Regulations**

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

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

Except as noted in Section 6.7.1(A)(4), following, nonrecurring charges apply to each installation of service as a one time charge. Nonrecurring charges are set forth in Section 12.2.2(A), following. Changes to existing services other than administrative changes will be treated as a discontinuance of the existing service and an installation of a new service.

**(1) Installation of Service**

A Local Transport nonrecurring installation charge as set forth in Section 12.2.2(A)1, following, will be applied at the serving wire center for each Entrance Facility installed.

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

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

6.7 **Rate Regulations** (Cont'd)

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

(A) **Nonrecurring Charges** (Cont'd)

(2) **Non-Chargeable Changes**

The following administrative changes will be made without charge:

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

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

6.7 **Rate Regulations** (Cont'd)

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

(A) **Nonrecurring Charges** (Cont'd)

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

Nonrecurring charges apply for the installation of the Interim NXX Translation feature and for each order received to add or change NXX translation codes. This charge applies whether this optional feature is installed coincident with or at any time subsequent to the installation of Switched Access Services. This charge is applied per Telephone Company, per order, per end office. In some cases, a charge is applied per NXX, in addition to the above charge.

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

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

6.7 **Rate Regulations** (Cont'd)

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

(B) **Recurring Charges** (Cont'd)

(1) **Premium Rates**

Premium rates as set forth in Section 12.2.2, following, apply to all access minutes.

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

6. **Switched Access Service** (Cont'd)6.7 **Rate Regulations** (Cont'd)6.7.1 **Application of Rates and Charges** (Cont'd)(C) **Toll Free Number Data Base Access Service**

A Basic Query or a Vertical Feature Query charge applies for each query that is launched to an Toll Free Number data base and identifies the customer to whom the call will be delivered. The Query charge applied will depend on the features used in making the data base query. Queries using vertical service features outlined above will be charged the Vertical Feature Query charge. All other queries will be charged the Basic Query charge. Query charges, as set forth in Section 12.2.2(H), following, will be applied.

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6. **Switched Access Service** (Cont'd)6.7 **Rate Regulations** (Cont'd)6.7.1 **Application of Rates and Charges** (Cont'd)(C) **Toll Free Number Data Base Access Service** (Cont'd)

When Feature Group D switched access service is used for the provision of Toll Free Number Data Base Access Service and the total minutes of use and/or count of queries can be determined for each customer at a tandem or SSP but cannot be determined by individual end office, an allocation method will be utilized to determine minutes of use and/or queries by end office and customer. For each end office a ratio will be developed and applied against the total minutes of use and/or count of queries for a given customer as determined by the tandem or SSP. These ratios will be developed by dividing the unidentified originating Toll Free Number minutes of use at an end office by the total unidentified originating minutes of use in all end offices subtending the tandem or SSP. For example, assume:

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

EO-1 measures 2,000 minutes of Toll Free Number use
EO-2 measures 3,000 minutes of Toll Free Number use
EO-3 measures <u>5,000</u> minutes of Toll Free Number use
10,000                      Total
- The tandem delivers Toll Free Number usage to two customers:  

IC-A has 4,000 minutes of use
IC-B has 6,000 minutes of use
- The allocation ratio for EO-1 is 20%.  

2,000/10,000
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6. **Switched Access Service** (Cont'd)

6.7 **Rate Regulations** (Cont'd)

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

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

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

800 to IC-A (20% X 4,000)	
<u>1,200</u> to IC-B (20% X 6,000)	
2,000	Total

6.7.2 **Minimum Periods**

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

6.7.3 **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 is calculated as follows.

For usage rated Local Transport, Local Switching and Information Surcharge rate elements, the minimum monthly charge is the sum of the charges set forth in Sections 12.2.2.(F) and 12.2.2.(F), following, for the measured or assumed usage for the month.

For flat rated Local Transport rate elements, the minimum monthly charge is the sum of the recurring charges set forth in Section 12.2.2.(F), following, prorated to the number of days or major fraction of days based on a 30-day month.



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

6.7 **Rate Regulations** (Cont'd)

6.7.4 **Measuring Access Minutes**

(A) Where measurement capability exists for either originating or terminating usage, but not both, on a trunk arranged for two way calling, the number of access minutes per trunk per month will be an assumed 9,000 minutes in the unmeasured direction.

(B) Additionally, when the trunk is arranged for one-way calling and there is no measurement capability for that direction, 9,000 access minutes per month will be assumed for originating calling only lines and 9,000 access minutes per month will be assumed for terminating calling only lines.

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

(1) **Originating Usage**

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

For originating calls over FGD, provided with Multifrequency 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.

(C)

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

6.7 **Rate Regulations** (Cont'd)

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

(C) **Feature Group D Usage Measurement** (Cont'd)

(1) **Originating Usage** (Cont'd)

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

For originating calls over 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 Multifrequency Signaling ends when the originating FGD first point of switching receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switch.

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(C)

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.

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6. **Switched Access Service** (Cont'd)6.7 **Rate Regulations** (Cont'd)6.7.4 **Measuring Access Minutes** (Cont'd)(C) **Feature Group D Usage Measurement** (Cont'd)(2) **Terminating Usage**

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

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

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(C)

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

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

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**7. Special Access Service****7.1 General**

Special Access Service provide a transmission path to connect two or more customer premises when all designated premises can be connected with facilities provided by the Telephone Company. If only a portion of the facilities can be provided by the Telephone Company, Special Access Service provides the transmission path necessary to connect customer premises in the Telephone Company's serving area with the interconnection point with another exchange telephone company. Special Access Service includes all exchange access which does not utilize Telephone Company end office switching.

Special Access Service is offered subject to available facilities of the Telephone Company and will be provided on an individual case basis.

## 8. Digital Subscriber Line Access Services

Digital Subscriber Line Access Services provide transmission services over local exchange service copper facilities that can be used for simultaneous voice and data communications. Service is provided, where available, between customer premises and designated Telephone Company Serving Wire Centers.

### 8.1 Asymmetric Digital Subscriber Line Access Service

#### 8.1.1 General

Asymmetric Digital Subscriber Line (ADSL) Access Service enables data traffic generated by a customer-provided modem to be transported to a DSL Access Service Connection Point using the Telephone Company's local exchange service facilities. A DSL Access Service Connection Point is an interconnection point designated by the Telephone Company that aggregates data traffic from and to Telephone Company ADSL-equipped Serving Wire Centers (SWCs). The DSL Access Service Connection Point may be located within the operating territory of the Telephone Company or in the operating territory of another telephone company, provided both telephone companies agree to such an arrangement.

At the DSL Access Service Connection Point, the customer's ADSL Access Service must be connected to a telecommunications service provider's customer premises using either the Telephone Company's Special Access Services when the Connection Point is located within the Telephone Company's operating territory. When the Connection Point is located in the operating territory of another telephone company, the customer's ADSL Access Service must be connected to a telecommunications service provider's customer premises using equivalent access services provided by that telephone company.

A generic view of how ADSL Access Service would be interconnected with a telecommunications service provider's network is as follows: the customer's ADSL-equipped serving wire center is designated as a DSL Access Service Connection Point. The customer orders ADSL Access Service pursuant to the provisions specified in this section. The ADSL Access Service customer's telecommunications service provider orders

8. Digital Subscriber Line Access Services (Continued)8.1 Asymmetric Digital Subscriber Line Access Service (Continued)8.1.1 General (Continued)

Special Access Service pursuant to the provisions specified in Section 7, to connect its customer premises to the DSL Access Service Connection Point.

8.1.2 Limitations

Unless otherwise specified, ADSL Access Service is available at a maximum upstream (i.e., from the customer's equipment up to the DSL Access Service Connection Point) and a maximum downstream (from the DSL Access Service Connection Point down to the customer's equipment) speeds listed in Section 8.1.5(e), below. These listed speeds are maximum peak speeds and are not guaranteed by the Telephone Company due to factors that may affect the actual speeds delivered, including loop distance from the Telephone Company Serving Wire Center, condition of the facilities, and limitations in the telecommunications service provider's network design. The Telephone Company does not provide customer premises equipment (CPE) in conjunction with the ADSL Access Service offering.

ADSL Access Service may not be used in conjunction with multi-point Special Access Service configurations.

8. Digital Subscriber Line Access Services (Continued)8.1 Asymmetric Digital Subscriber Line Access Service (Continued)8.1.2 Limitations (Continued)

ADSL Access Service will be furnished where suitable facilities exist as determined by the Telephone Company. The Telephone Company will identify its ADSL-equipped Serving Wire Centers and DSL Access Service Connection Points will be identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4.

ADSL Access Service will be provided over existing Telephone Company local exchange service lines. Rates and regulations for ADSL Access Service are in addition to any rates and regulations that apply for the associated local exchange service line provided under the terms and conditions in the Telephone Company's general and/or local exchange service tariffs. The Telephone Company will automatically disconnect ADSL Access Service when the associated local exchange service line is disconnected for any reason.

Rates and regulations for Special Access Service provided under this tariff will apply for the access service(s) provided between the telecommunications service provider's customer premises and the DSL Access Service Connection Point.

8.1.3 Undertaking of the Telephone Company

The Telephone Company will provide ADSL Access Service at rates and charges as set forth in 8.1.6, as follows:

- (A) The Telephone Company will determine if the associated local exchange service line is suitable for use with ADSL Access Service. Service will not be provided on lines that the Telephone Company determines are not suitable for ADSL Access Service or on lines that produce interference with other services provided by the Telephone Company.
- (B) The Telephone Company, after determining if the local exchange service line is suitable for ADSL Access Service, will notify the customer if any additional CPE is necessary to support ADSL Access Service.
- (C) The Telephone Company will provision and maintain ADSL Access Service from the DSL Connection Point to the Point of Termination at the ADSL Access Service customer's premises.

8. Digital Subscriber Line Access Services (Continued)8.1 Asymmetric Digital Subscriber Line Access Service (Continued)8.1.4 Obligations of the Customer

In addition to the regulations described in other sections of this tariff, the following provisions apply to ADSL Access Service:

- (A) The customer is responsible for providing the Telephone Company with the necessary information to provision ADSL Access Service (e.g., customer name, telephone number and premises address; billing name and address when different from the customer name and premises address; customer contact name and telephone number and the contact name and telephone number of the telecommunications service provider with which the customer's ADSL Access Service will interconnect).
- (B) The customer is responsible for providing and maintaining all required customer provided equipment (CPE), which is compatible with ADSL Access Service and complies with the standards specified in Technical Reference ANSI T1.413-1998.



8. Digital Subscriber Line Access Services (Continued)8.1 Asymmetric Digital Subscriber Line Access Service (Continued)8.1.5 Rate Regulations

This section contains the regulations governing the rates and charges that apply for ADSL Access Service. Regulations governing the rates and charges for the Special Access Services provided under this tariff used in conjunction with ADSL Access Service are as specified in Section 7, preceding.

(A) Minimum Period

The minimum period for which ADSL Access Service is provided to a customer and for which charges are applicable is one month.

(B) Moves

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

- The Point of Termination at the ADSL Access Service customer premises

- The ADSL Access Service customer premises

8. Digital Subscriber Line Access Services (Continued)8.1 Asymmetric Digital Subscriber Line Access Service (Continued)8.1.5 Rate Regulations (Continued)(C) Temporary Suspension of Service

When the associated local exchange service line over which ADSL Access Service is provided is temporarily suspended, the ADSL Access Service and one-half of the ADSL Line Charge monthly rate will be temporarily suspended for the time period that the associated local exchange service is suspended.

(D) Rate Categories

There are two types of rates and charges applicable to ADSL Access Service. These are a monthly rate and a nonrecurring charge.

The monthly rate applies each month or fraction thereof for each local exchange service line equipped with ADSL Access Service. Monthly rate levels depend upon the Class of Service utilized by the Customer.

A nonrecurring charge applies per local exchange service line for the installation of ADSL Access Service.

Rates and charges for ADSL Access Service are as set forth in 8.1.6 following.

(E) Service Classes

ADSL Access Service is offered in different Service Classes. Service Classes are distinguished by the maximum possible bit rate of the purchased Service Class as measured in kilobits per second (kbps). The maximum rate for any particular Service Class is set forth in 12.2.5 following.

8. Digital Subscriber Line Access Services (Continued)8.2 DSL Access Services Discount Pricing Arrangement8.2.1 General (Continued)

When the customer purchases ADSL Access Service under the DSL Access Services DPA, the rates and charges, preceding, will apply in lieu of rates and charges as specified in 8.1.6, for ADSL Access Service.

Services provided under the DSL Access Services DPA are available under a Monthly Plan at the rates and charges, preceding, or under a "Term Plan" described following.

A monthly charge applies for each ADSL service line covered under DPA. A nonrecurring charge applies for the installation of each ADSL service line under the DPA.

The Telephone Company will bill the customer an Access Order Charge, per order, to convert in-service ADSL service lines originally purchased under the provisions specified in 8.1, preceding, to the DSL Access Services DPA, provided the customer obtains written authorization from its end users authorizing such conversions, where necessary. Per line nonrecurring charges specified in 8.1.6, do not apply to conversion of in-service ADSL Access Lines to a DPA.

9. **Additional Engineering, Additional Labor and Miscellaneous Services**

In this section, normally scheduled working hours are an employee's scheduled work period on any given business day which totals eight (8) hours.

9.1 **Additional Engineering**

Additional Engineering will be provided by the Telephone Company at the request of the customer when:

- (A) A customer requests additional technical information after the Telephone Company has already provided the technical information normally included on the Design Layout Report (DLR) as set forth in Sections 6.5.7 and 7.1.2, preceding.
- (B) Additional engineering time is incurred by the Telephone Company to engineer a customer's request for a customized service as set forth in Section 7.2, preceding.

The Telephone Company will notify the customer that additional engineering charges will apply before any additional engineering is undertaken.

9.1.1 **Charges for Additional Engineering**

The charges for additional Engineering are as shown in Section 12.2.4(A), following.

9.2 **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 charges apply to the services described in Sections 9.2.1 through 9.2.6, following.

9.2.1 **Overtime Installation**

Overtime installation is that Telephone Company installation effort outside of normally scheduled working hours.

9. **Additional Engineering, Additional Labor and Miscellaneous Services** (Cont'd)9.2 **Additional Labor** (Cont'd)9.2.2 **Overtime Repair**

Overtime repair is that Telephone Company maintenance effort performed outside of normally scheduled working hours.

9.2.3 **Stand By**

Stand by includes all time in excess of one-half (1/2) hour during which Telephone Company personnel stand by to make installation acceptance tests or cooperative tests with a customer.

9.2.4 **Testing and Maintenance with Other Telephone Companies**

Additional labor charges apply for additional testing, maintenance or repair of facilities which connect to facilities of other telephone companies. This is in addition to the normal effort required to test, maintain or repair facilities provided solely by the Telephone Company.

9.2.5 **Testing Services**

Testing Services other than those described in other parts of this tariff will be provided at the hourly rates described if requested by the customer. Testing will be provided subject to the availability of equipment and qualified personnel.

9.2.6 **Other Labor**

Other labor is that additional labor incurred to accommodate a specific customer request that involves labor which is not covered by any other section of this tariff. It also covers additional labor necessary to meet customer requests as described in Section 5, preceding.

9. **Additional Engineering, Additional Labor and Miscellaneous Services** (Cont'd)

9.2 **Additional Labor** (Cont'd)

9.2.7 **Charges for Additional Labor**

The charges for Additional Labor are shown in Section 12.2.4(B), following.

9.3 **Miscellaneous Services**

9.3.1 **Maintenance of Service**

(A) When a customer reports a trouble to the Telephone Company for clearance and the trouble is not in the Telephone Company's facilities, the customer shall be responsible for payment of a Maintenance of Service charge for the period of time from when Telephone Company personnel are dispatched to the customer's premises to when the work is completed.

(B) The charges for Maintenance of Service are shown in Section 12.2.4(C), following.

9.3.2 **Programming Services**

(A) Programming charges apply when a request by a customer for information concerning the access services provided to the customer result in the creation of new computer software or the modification of existing software in order to provide the requested information.

The Telephone Company will notify the customer that additional programming charges will apply before any additional programming is undertaken.

(B) The charges for Programming Services are shown in Section 12.2.4(D), following.

9. **Additional Engineering, Additional Labor and Miscellaneous Services** (Cont'd)9.3 **Miscellaneous Services** (Cont'd)9.3.3 **Presubscription**

- (A) When an end user indicates more than one IC selection on the return notification or returns an illegible return notification, the Telephone Company will contact the end user for clarification. If the end user indicates an IC selection on the return notification that does not match with information provided by an IC and both notifications indicate the same authorization date, the end user's notification takes precedence and the Telephone Company will process the end user's selection. In the event that two or more ICs provide to the Telephone Company notifications with the same authorization date and neither notification has been processed, the Telephone Company will contact the end user for clarification. A list of these customers in conflict must be sent to the affected IC by the Telephone Company.

In the event that two or more ICs have provided to the Telephone Company notifications with the same authorization date(s), and one IC notification has already been processed by the Telephone Company, those IC notifications not yet processed would be returned to the ICs.

- (B) New end users who are served by end offices equipped with Feature Group D will be asked to presubscribe to an IC at the time they place an order with the Telephone Company for Telephone Exchange Service. There will be no charge for this initial selection. They may select either of the following options:
- designate a primary IC for all of its lines,
  - designate a different IC for each of its lines.

9. **Additional Engineering, Additional Labor and Miscellaneous Services** (Cont'd)9.3 **Miscellaneous Services** (Cont'd)9.3.3 **Presubscription** (Cont'd)

## (B) (Cont'd)

Only one IC may be selected for each individual line, or lines terminating in the same hunt group. Subsequent to the installation of Telephone Exchange Service and after the end user's initial selection of a predesignated IC, for any change in selection, the nonrecurring charge set forth in Section 12.2.4(E), following, applies.

- (C) If the new end user fails to designate an IC as its predesignated IC prior to the date of installation of Telephone Exchange Service, the Telephone Company will (1) allocate the end user to an IC based upon current IC presubscription ratios, (2) require the end user to dial an access code (1010XXX) for all interstate calls, or (3) block the end user from interstate calling. The end user will be notified which option will be applied if they fail to presubscribe to an IC. An allocated or blocked end user may designate another, or initial, IC as its predesignated IC one time at no charge, if it is requested within six months after the installation of Telephone Exchange Service.

For any change in selection after 6 months from the installation of Telephone Exchange Service, the nonrecurring charge set forth in Section 12.2.4(E), following, applies.

- (D) If an IC elects to discontinue its Feature Group D Service offering prior to or within two years of the conversion, the IC will notify the Telephone Company of the cancellation. The IC will also notify all end users which selected them that they are cancelling their service and that they should contact the Telephone Company to select a new primary IC.



9. **Additional Engineering, Additional Labor and Miscellaneous Services** (Cont'd)9.3 **Miscellaneous Services** (Cont'd)9.3.3 **Presubscription** (Cont'd)

## (D)(Cont'd)

The IC will also inform the end user that it will pay the presubscription change charge. The cancelling IC will then be billed by the Telephone Company the appropriate charge for each end user for a period of two years from the discontinuance of Feature Group D service.

- (E) The presubscription 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 user and assign the end user to an IC of the end user's choice.

(F) **Unauthorized PIC Change**

If an IC requests a Primary Interexchange Carrier (PIC) change on behalf of a billed party (e.g., an end user or the designator of the PIC for a pay telephone), and the billed party subsequently denies requesting the change, and the IC is unable to substantiate the change with a letter of authorization signed by the billed party; then:

The billed party will be reassigned to its previously selected IC. No charge will apply to the billed party for this reassignment.

The Unauthorized Presubscription Change Charge as set forth in 12.2.4(H) will apply to the IC that requested the unauthorized PIC change. This charge is applied in addition to the PIC change charge as set forth in 12.2.4(E).

9. **Additional Engineering, Additional Labor and Miscellaneous Services** (Cont'd)

9.3 **Miscellaneous Services** (Cont'd)

9.3.4 Reserved For Future Use

9.3.5 **Blocking Services**

Central office blocking service is offered only where technically feasible.

9. **Additional Engineering, Additional Labor and Miscellaneous Services** (Cont'd)

9.3 **Miscellaneous Services** (Cont'd)

9.3.5 **Blocking Services** (Cont'd)

(A) **900 Blocking Service**

900 Service Access Restriction prevents access to the 900 network. When customers dial a 0+ or 1+ 900 pay-per-call number from a restricted telephone number, the 900 call is blocked.

Charges associated with 900 Service Access Restriction will be waived, on a one-time basis, to customers during the period from November 1, 1993 through December 31, 1993; and for customers who request a new line for a period of 60 days after the new line is installed.

Other than the above exception, charges for 900 Blocking Service apply as found in Section 12.2.4(F)(2), following.

Requests by customers to remove 900 Service Access Restriction must be submitted in writing to the Telephone Company.

9. **Additional Engineering, Additional Labor and Miscellaneous Services** (Cont'd)9.3 **Miscellaneous Services** (Cont'd)9.3.6 **Bill Name and Address Information**

Interexchange carriers, enhanced service providers, and independent service providers may request Billing Name and Address (BNA) information of the Telephone Company or the Telephone Company's contracted billing agent for a specifically stated Billed Telephone Number (BTN). This information is to be used only for billing purposes, order entry, customer service, fraud prevention, and identification of end users who have moved from one location to another. Under no circumstances shall this information be used for marketing purposes.

The Telephone Company will provide this information on a per-request basis, using rates specified in Section 12.2.4(G), following. Information will be provided for all BTNs except those that are unpublished or unlisted and are assigned to subscribers who have provided the Telephone Company with written instructions forbidding the release of BNA for their assigned numbers. For all other subscribers, BNA will be released for third number billed, collect calls, 1010XXX calls, and calling card calls.

Requests for BNA must be submitted in writing. BTNs must be listed in ascending numeric order. The request must be accompanied by: 1) carrier identification code, 2) specific BTNs for which BNA is requested, and 3) contact name and number for verification. BNA will be provided in written form within a two-week interval from receipt of the request.

9.3.7 **Central Office (CO) Implemented Coin Line**

- A. Central Office Implemented Coin Line provides coin signaling. It is a line side connection from the local exchange switch to the point of demarcation at the customer premise. The line is purchased out of the company's local tariff, while the features may be purchased out of either the local tariff or this Federal tariff.

9. **Additional Engineering, Additional Labor and Miscellaneous Services** (Cont'd)9.3 **Miscellaneous Services** (Cont'd)9.3.7 **Central Office (CO) Implemented Coin Line** (Cont'd)

- B. Features are additives to the operation of a flat rate access line that provide for CO Implemented coin line service. The Company offers those features that are provided by the functionality of the Company's switches. These include coin supervision, coin control (collect and return of coins, if applicable), and answer supervision. CO implemented coin line features that are implemented by the functionality of an operator service provider, such as coin rating, coin refund, repair referral, and operator call screening, are the responsibility of the Payphone service provider (Customer).
- C. CO Implemented Coin Line features, including coin line signaling, coin collect and return (where applicable) and answer supervision, are provided by the Telephone Company per the technology available from the Company's facilities. It shall be the responsibility of the CO Implemented Coin Line payphone owner to assure technical and operational compatibility with the coin line features offered by the Telephone Company.
- D. Answer Supervision provides signaling on the line notifying the line that the called party has answered. Coin Collection and Return provides an electrical signal on a CO Implemented Line indicating to the payphone equipment to collect or return coin(s) to the calling party.

**10. Special Construction****10.1 General**

This section addresses special construction of Telephone Company facilities. When special construction is required, as described in Section 10.2, following, the provisions of this section apply in addition to regulations, rates, and charges set forth in other sections of this tariff.

Regulations and rates will be added to this tariff for each specific application of Special Construction. The customer will provide written authorization to the Telephone Company prior to the commencement of any Special Construction.

**10.2 Conditions Requiring Special Construction**

Special construction is required when suitable facilities are not available to meet a customer's order for service and one or more of the following conditions exist:

- The Telephone Company has no other requirement for the facilities constructed at the customer's request;
- The customer requests that service be furnished using a type of facility, or via a route, other than that which the Telephone Company would otherwise utilize in furnishing the requested service;
- The customer requests the construction of more facilities than are required to satisfy its order or service;
- The customer requests construction be expedited, resulting in added cost to the Telephone Company;
- The customer requests that temporary facilities be constructed until permanent facilities are available.

**11. Reciprocal Compensation Pursuant to Section 251(b) of the Communications Act**

This section provides for the rates, terms and conditions for the transport and termination of non-access service traffic originated by the end-users of local exchange carriers (LEC), including incumbent local exchange carriers and competitive local exchange carriers, and Commercial Mobile Radio Service (CMRS) providers when the LEC or CMRS provider and the Telephone Company have not negotiated and obtained state approval of an interconnection agreement pursuant to Section 251(b) of the Communications Act thereby establishing, *inter alia*, a reciprocal compensation arrangement for the transport and termination of traffic to the Telephone Company's end users. Non-access traffic includes, but is not limited to, non-access traffic originated by a LEC (other than the Telephone Company) or a CMRS provider that is transported and terminated by the Telephone Company to its end users. Non-access service traffic transported and terminated by the Telephone Company to an Internet Service Provider (ISP) will be treated as all other non-access service traffic in this section until such time that the F.C.C. Order on Remand and Report and Order, FCC 01-131 (April 2001), is effective. Thereafter, non-access service traffic transported and terminated by the Telephone Company to an ISP will be subject to the cost recovery mechanisms established by the F.C.C. in its Order on Remand and Report and Order, FCC 01-131 (April 2001).

Until an interconnection agreement is reached and approved by the applicable state regulator, the rates, terms and conditions set forth in this tariff applicable to Switched Access Service shall apply to the transport and termination of non-access service traffic.

**12. Rates and Charges****12.1 General**

The rates and charges for the services offered in this tariff are shown separately for each element.

**12.2 Rates****12.2.1 End User Access Service**

(A)	End User Common Line (EUCL) Residence	<u>Monthly Rates</u>
	- individual line or trunk	\$10.00 each
(B)	End User Common Line (EUCL) Single Line Business	
	- individual line or trunk	\$10.00 each
(C)	End User Common Line (EUCL) Non-Primary Residential	
	- Individual line or trunk	\$10.00 each
(D)	End User Common Line (EUCL) Multiline Business including Centrex CO and CO-like ordered on or after July 28, 1983	
	- Individual line or trunk	\$10.00 each
(E)	Access Recovery Charge (ARC) For all End Users, the Telephone Company incorporates by reference the highest ARC rates for residential and business customers charged by any issuing carrier set forth in National Exchange Carrier Association, Inc. (NECA) Tariff F.C.C. No. 5.	

(N)

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12. **Rates and Charges** (Cont'd)

## 12.2 (Cont'd)

12.2.2 Switched Access Service

The rates and charges for the switched access services offered in this tariff are the same as those set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 5 for the rate elements listed below, assuming the highest rate band for local transport and local switching.

(C)

## (A) Nonrecurring Charges

(1) Local Transport-Installation

Per Entrance Facility

- (a) Voice Grade Two Wire
- (b) Voice Grade Four Wire
- (c) High Capacity DS1
- (d) High Capacity DS3
- (e) Synchronous Optical Channel OC3
- (f) Synchronous Optical Channel OC12

## (B) Interim NXX Translation

## (C) FGC and FGD Conversion of Multifrequency Address Signaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling

12. **Rates and Charges** (Cont'd)

## 12.2 (Cont'd)

12.2.2 Switched Access Service (Cont'd)(D) Trunk Activation(E) Flexible ANI(F) Local Transport  
Premium Access(1) Entrance Facility

Per Termination

-Voice Grade Two-Wire

-Voice Grade Four-Wire

-High Capacity DS1

-High Capacity DS3

-Synchronous Optical Channel OC3

-Synchronous Optical Channel OC12

(2) Direct Trunked Transport(a) Direct Trunked Facility

Per Mile

- Voice Grade6.2

- High Capacity DS1

-High Capacity DS3

-Synchronous Optical Channel OC3

-Synchronous Optical Channel OC12

(b) Direct Trunked Termination

Per Termination

-Voice Grade

- High Capacity DS1

- High Capacity DS3

- Synchronous Optical Channel OC3

- Synchronous Optical Channel OC12

(3) Multiplexing

12. **Rates and Charges** (Cont'd)

## 12.2 (Cont'd)

12.2.2 Switched Access Service (Cont'd)(F) Local Transport (Cont'd)  
Premium Access (Cont'd)

- (4) Customer Node
- (5) Customer Premises Port
- (6) Add/Drop Multiplexing Central Office Port
- (7) Tandem Switched Transport
- (8) Tandem Switched Facility
- (9) Tandem Switched Termination
- (10) Tandem Switching
- (11) Transport Interconnection Charge  
- Rate Band 5
- (12) Network Blocking Per Blocked Call

## (G) End Office

(1) Local Switching  
Premium

- Highest rate band in NECA Tariff F.C.C. No. 5

(2) Information Surcharge

12. **Rates and Charges** (Cont'd)

12.2 (Cont'd)

12.2.2 Switched Access Service (Cont'd)

(H) Toll Free Number Data  
Base Access Service

1. Base Rate  
per query
2. Vertical Features Rate  
Per query (replaces  
basic rate)

12.2.3 Special Access

Individual Case Basis

12. **Rates and Charges** (Cont'd)

## 12.2 (Cont'd)

12.2.4 Miscellaneous Services

		Basic time, scheduled <u>working hours</u>	Overtime outside scheduled <u>working hours</u>	
(A)	<u>Additional Engineering Periods</u>			
	Per engineer, 1/2 hour or fraction thereof,	\$45.00	\$67.50	
(B)	<u>Additional Labor</u>			
	Per technician, 1/2 hour or fraction thereof,	\$35.00	\$51.25	(I)
(C)	<u>Maintenance of Service</u>			
	Per technician, 1/2 hour or fraction thereof,	\$35.00	\$51.25	(I)
(D)	<u>Programming Services</u>			
	Per programmer, 1/2 hour or fraction thereof,	\$45.00	\$67.50	

12. **Rates and Charges** (Cont'd)

## 12.2 (Cont'd)

12.2.4 Miscellaneous Services (Cont'd)

		Per Line Per <u>Request</u>	
(E)	<u>Presubscription</u>		
	- If subscribing to interstate service only	\$5.50	(N)
	- If subscribing to both interstate and intrastate service	\$2.25	(N)
(F)	<u>Blocking Services</u>		
	1. <u>900 Blocking Service</u>		
	a. Blocking		
	1st Request	\$0.00	
	Each Request Thereafter	\$0.00	
	Unblocking		
	b. 1st Request	\$0.00	
	Each Request Thereafter	\$0.00	
(G)	<u>Billing Name and Address Information</u>		
	Per Request Incidence	\$10.00	
(H)	<u>Unauthorized PIC Change</u>		
	- Residence/Business Per Telephone Exchange	\$35.00	
	- Public and/or Semi-public pay telephone	\$58.00	
	Per Telephone Exchange Service line or trunk		
(I)	<u>CO Implemented Coin Line Features and Functions</u>	<u>Monthly Rate</u>	
		\$2.20	
(J)	Flexible Automatic Number Identification (Flex ANI)	<u>Nonrecurring Rate</u>	
	- Per End Office, Per CIC	\$378.10	
(K)	Originating Line Screening (OLS) Service		
	- Per exchange access line	\$8.00	
(L)	<u>Access Order Charge</u>		
	-Per order	\$136.00	
(M)	<u>USF Contribution Charge</u>		To be charged accordingly to the FCC's quarterly public notices regarding the federal USF contribution factor.

12. **Rates and Charges** (Cont'd)

## 12.2 (Cont'd)

12.2.5 Asymmetric Digital Subscriber Line Access Service

Service <u>Class</u>	Maximum* Monthly <u>Rate</u>	Maximum* Nonrecurring <u>Charge</u>
up to 6,000 kbps	\$ 499	\$ 250

\*Monthly rate and nonrecurring charge are assessed per each local exchange telephone service line.